

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039874.D
 Acq On : 12 Mar 2019 14:56
 Operator : JU/SJ
 Sample : K1830-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Manual Integrations
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Sohil
 3/13/2019 5:49:22 PM

Quant Time: Mar 13 06:39:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39703	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	178655	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126695	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	311103	20.00	ng	0.00
76) Chrysene-d12	21.81	240	309015	20.00	ng	0.00
87) Perylene-d12	25.18	264	326861	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336304	144.51	ng	0.00
7) Phenol-d6	7.30	99	502233	144.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	288910	87.46	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	203013	137.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	714851	80.34	ng	0.00
79) Terphenyl-d14	20.12	244	1128715	80.42	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.59	88	39426	36.695	ng	96
3) Pyridine	4.00	79	6854	2.383	ng	93
4) n-Nitrosodimethylamine	3.91	42	58299	42.724	ng	95
6) Aniline	7.48	93	87572	19.262	ng	98
8) 2-Chlorophenol	7.71	128	119535	42.337	ng	99
9) Benzaldehyde	7.29	77	60458	27.009	ng	93
10) Phenol	7.33	94	178548	47.496	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	115959	39.564	ng	96
12) 1,3-Dichlorobenzene	8.04	146	123291	38.611	ng	98
13) 1,4-Dichlorobenzene	8.19	146	124644	38.322	ng	99
14) 1,2-Dichlorobenzene	8.51	146	120702	38.409	ng	96
15) Benzyl Alcohol	8.39	79	120063	43.618	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	231013	39.409	ng	99
17) 2-Methylphenol	8.58	107	108619	45.315	ng	99
18) Hexachloroethane	9.24	117	43444	37.225	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	98220	39.325	ng	94
20) 3+4-Methylphenols	8.91	107	152574	45.818	ng	98
22) Acetophenone	8.98	105	182995	38.163	ng	# 95
24) Nitrobenzene	9.37	77	143728	41.475	ng	98
25) Isophorone	9.89	82	282233	40.777	ng	98
26) 2-Nitrophenol	10.08	139	72396	43.269	ng	97
27) 2,4-Dimethylphenol	10.12	122	130972	50.331	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	168603	40.085	ng	96
29) 2,4-Dichlorophenol	10.62	162	140137	47.832	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	134704	40.859	ng	97
31) Naphthalene	11.03	128	387286	40.944	ng	98
32) Benzoic acid	10.23	122	22774m	17.593	ng	
33) 4-Chloroaniline	11.14	127	109246	27.236	ng	99
34) Hexachlorobutadiene	11.29	225	83175	36.920	ng	89
35) Caprolactam	11.92	113	47193m	42.168	ng	
36) 4-Chloro-3-methylphenol	12.24	107	156200	46.509	ng	96
37) 2-Methylnaphthalene	12.62	142	300916	42.551	ng	98
38) 1-Methylnaphthalene	12.84	142	288108	41.922	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167075	38.926	ng	99

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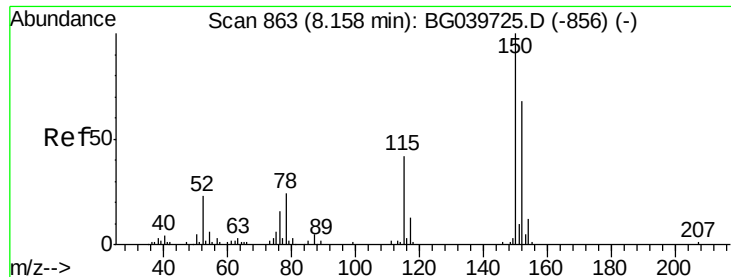
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	207928	90.397	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	120067	47.781	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	128715	45.444	nq	98
46) 1,1'-Biphenyl	13.61	154	410724	39.415	nq	99
47) 2-Chloronaphthalene	13.67	162	317266	40.471	nq	98
48) 2-Nitroaniline	13.87	65	114767	45.555	nq	91
49) Acenaphthylene	14.51	152	522462	40.599	nq	99
50) Dimethylphthalate	14.23	163	498101	47.017	nq	100
51) 2,6-Dinitrotoluene	14.36	165	100833	44.896	nq	99
52) Acenaphthene	14.85	154	317555	40.999	nq	97
53) 3-Nitroaniline	14.69	138	82861	36.703	nq	# 94
54) 2,4-Dinitrophenol	14.89	184	93978	67.249	nq	99
55) Dibenzofuran	15.17	168	529194	41.643	nq	98
56) 4-Nitrophenol	14.99	139	168744	83.554	nq	90
57) 2,4-Dinitrotoluene	15.14	165	142693	45.217	nq	88
58) Fluorene	15.83	166	414777	41.519	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	129544	46.831	nq	97
60) Diethylphthalate	15.58	149	444973	42.429	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	220828	41.423	nq	96
62) 4-Nitroaniline	15.86	138	105915	43.275	nq	98
63) Azobenzene	16.10	77	404197	42.518	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	79457	43.196	nq	98
66) n-Nitrosodiphenylamine	16.03	169	390405	43.347	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	145793	41.867	nq	97
68) Hexachlorobenzene	16.82	284	148228	41.065	nq	95
69) Atrazine	16.97	200	154166	43.493	nq	97
70) Pentachlorophenol	17.17	266	181170	79.472	nq	97
71) Phenanthrene	17.57	178	696511	40.646	nq	99
72) Anthracene	17.66	178	711510	42.609	nq	99
73) Carbazole	17.93	167	622069	41.322	nq	99
74) Di-n-butylphthalate	18.46	149	753265	42.528	nq	99
75) Fluoranthene	19.57	202	820371	40.509	nq	98
77) Benzidine	19.75	184	20275	2.068	nq	97
78) Pyrene	19.93	202	818652	40.770	nq	99
80) Butylbenzylphthalate	20.80	149	348322	44.774	nq	94
81) Benzo(a)anthracene	21.80	228	786432	40.607	nq	98
82) 3,3'-Dichlorobenzidine	21.71	252	236970	33.514	nq	99
83) Chrysene	21.86	228	756435	40.288	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	486423	44.495	nq	99
85) Di-n-octyl phthalate	22.91	149	825411	45.600	nq	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	885720	41.583	nq	97
88) Benzo(b)fluoranthene	24.10	252	788881	40.473	nq	99
89) Benzo(k)fluoranthene	24.17	252	755400	41.635	nq	100
90) Benzo(a)pyrene	25.03	252	769204	42.707	nq	99
91) Dibenzo(a,h)anthracene	29.13	278	709891	40.204	nq	98
92) Benzo(g,h,i)perylene	30.28	276	717327	40.450	nq	96

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



#1

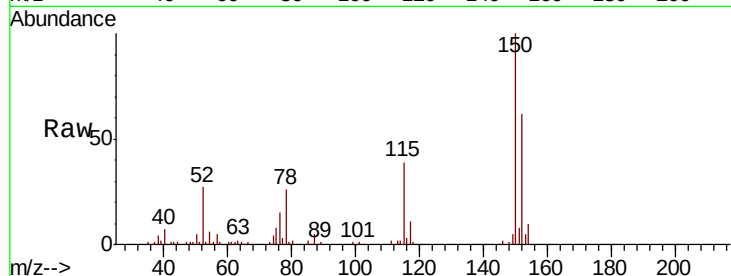
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	62.3	45.9	68.9

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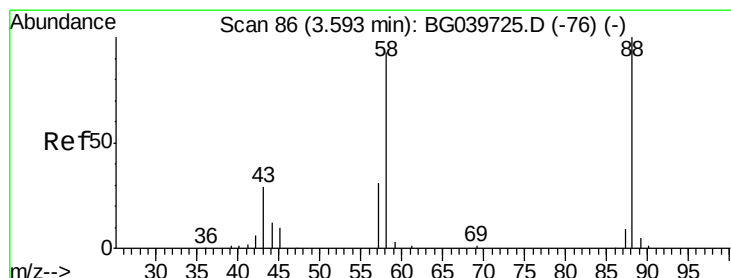
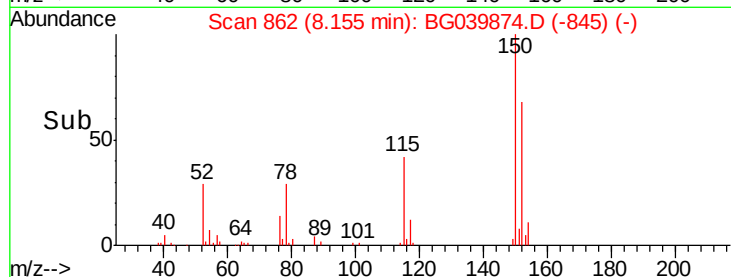
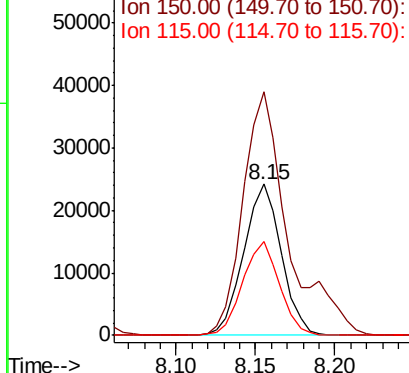


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

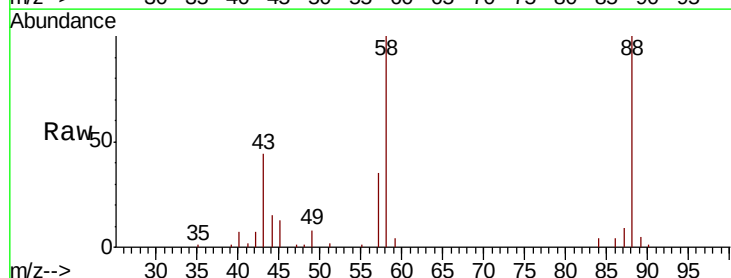
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.695 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	81.1	121.7
43	36.0	31.4	47.0

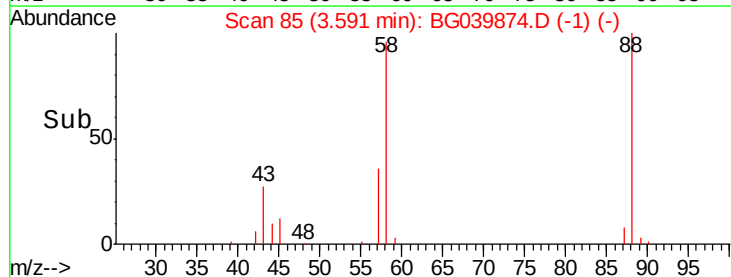
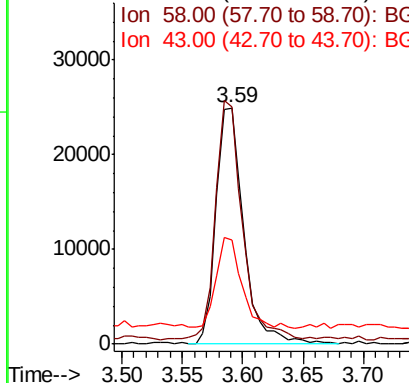


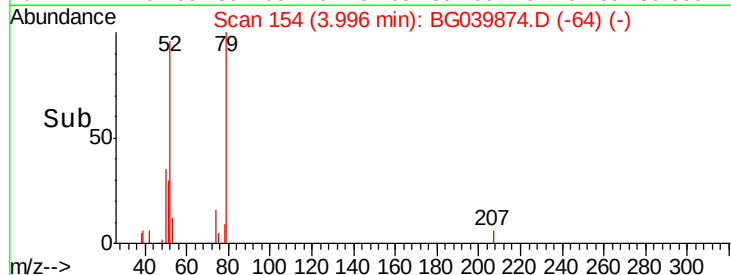
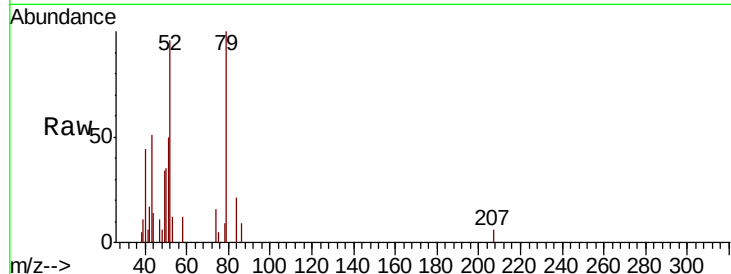
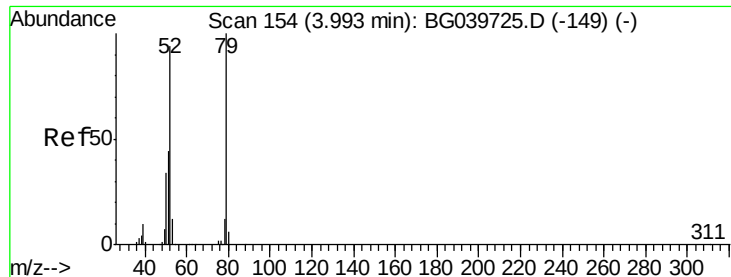
Abundance

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





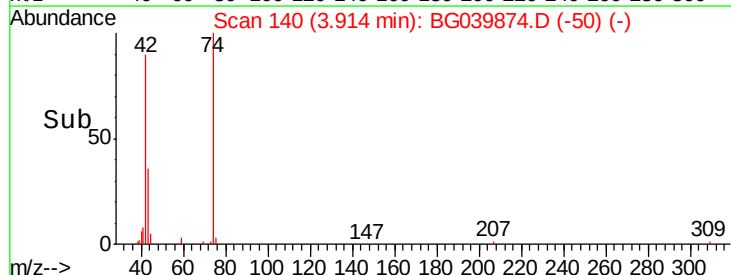
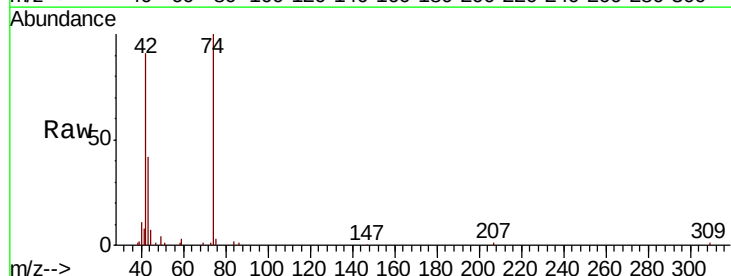
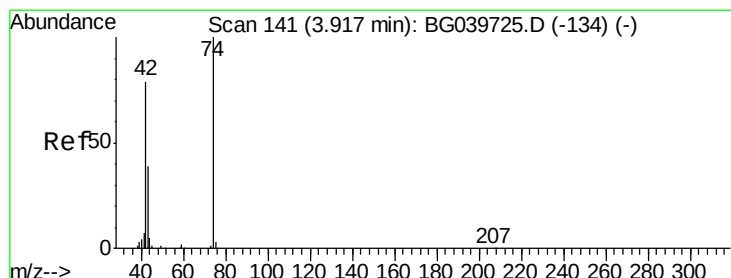
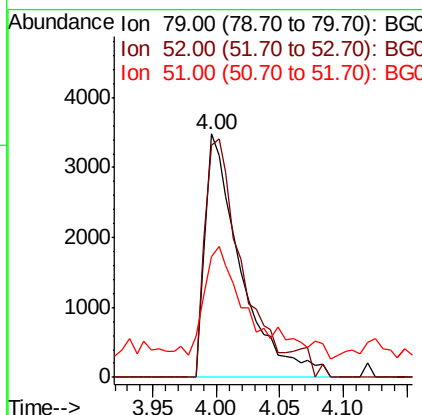
#3
 Pvridine
 Concen: 2.383 ng
 RT: 4.00 min Scan# 154
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tot Ion:	79	Resp:	6854
Ion	Ratio	Lower	Upper
79	100		
52	95.5	82.6	124.0
51	49.7	37.5	56.3

Instrument :
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 BALLFIELD-SS-03072019MS

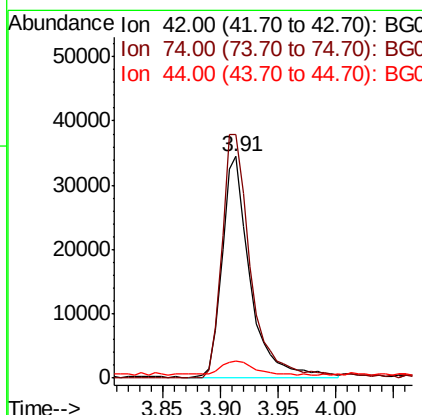
Manual Integrations
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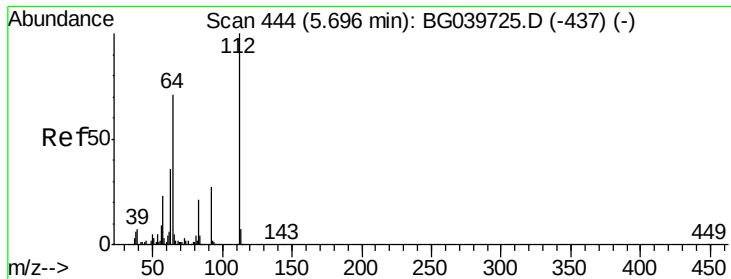
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#4
 n-Nitrosodimethylamine
 Concen: 42.724 ng
 RT: 3.91 min Scan# 140
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion:	42	Resp:	58299
Ion	Ratio	Lower	Upper
42	100		
74	109.9	83.6	125.4
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 144.507 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

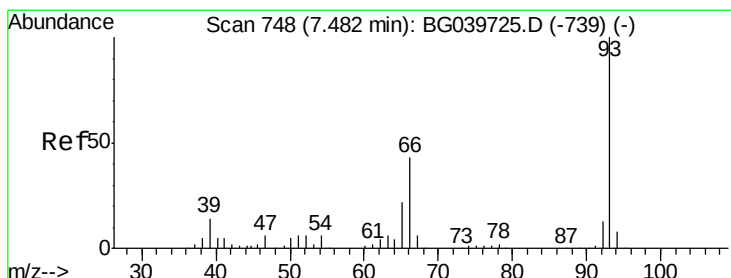
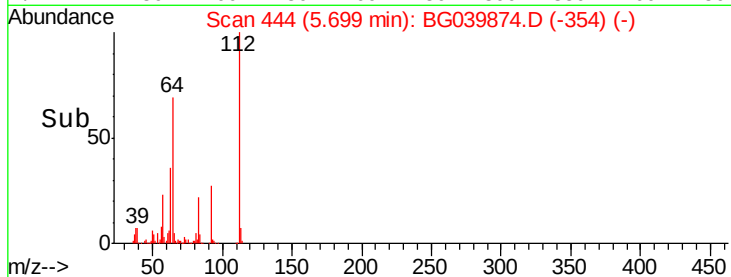
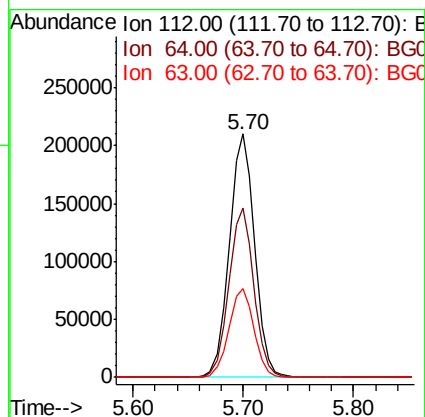
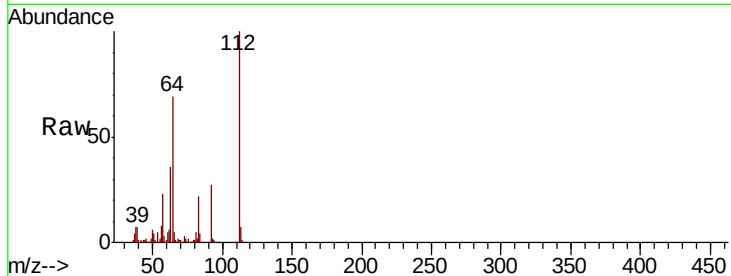
ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:	112	Resp:	336304
Ion Ratio	Lower	Upper	
112	100		
64	69.3	57.8	86.8
63	36.5	29.8	44.6

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#6

Aniline

Concen: 19.262 ng

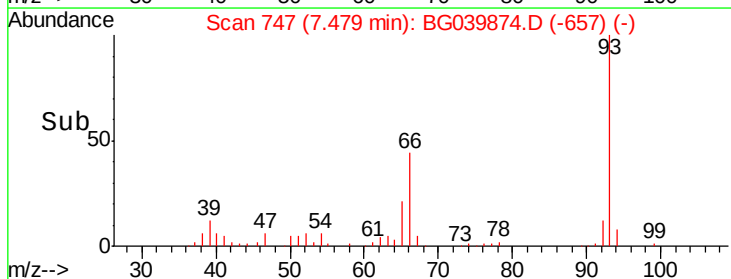
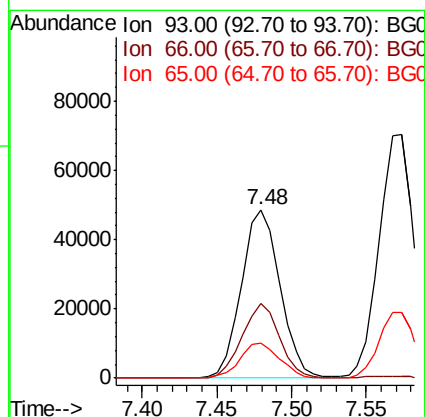
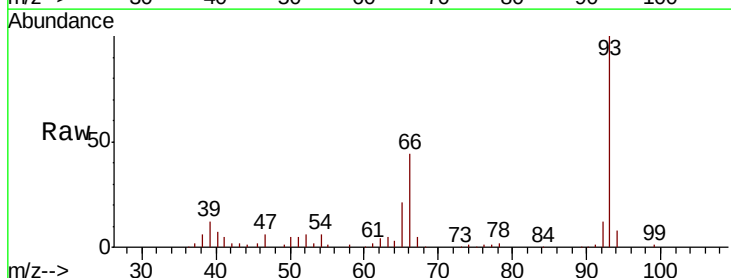
RT: 7.48 min Scan# 747

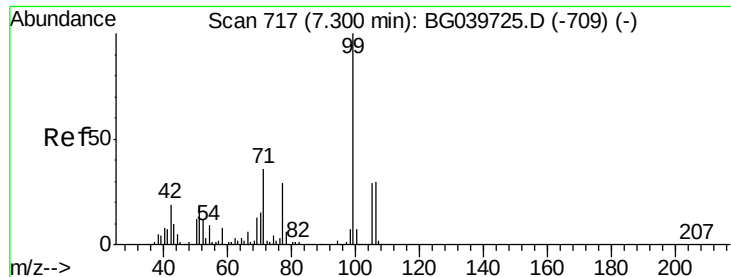
Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	93	Resp:	87572
Ion Ratio	Lower	Upper	
93	100		
66	44.1	34.2	51.4
65	20.8	17.7	26.5





#7

Phenol-d6

Concen: 144.733 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

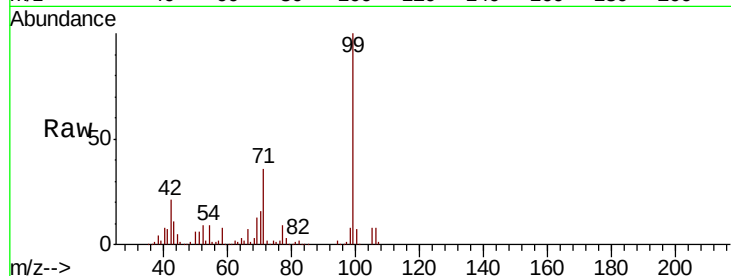
ClientSampleId :

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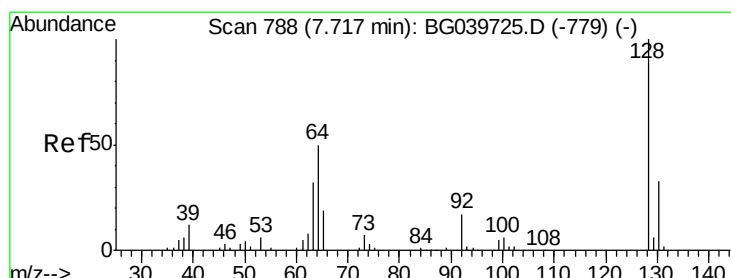
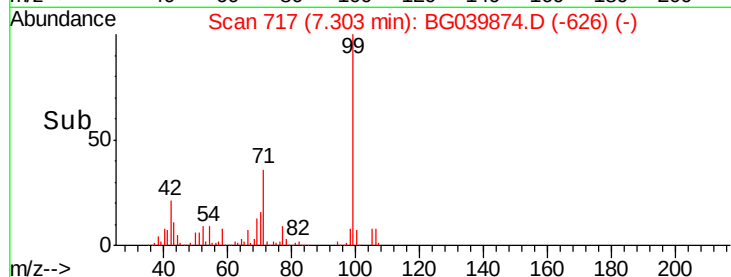
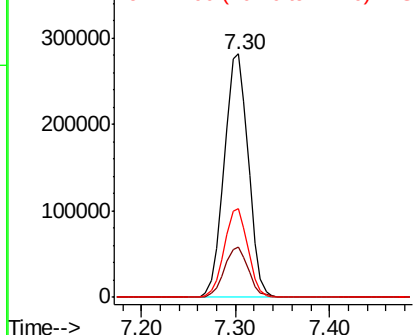
Tot Ion:	99	Resp:	502233
Ion Ratio	Lower	Upper	
99	100		
42	20.7	18.2	27.2
71	36.3	28.0	42.0

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



#8

2-Chlorophenol

Concen: 42.337 ng

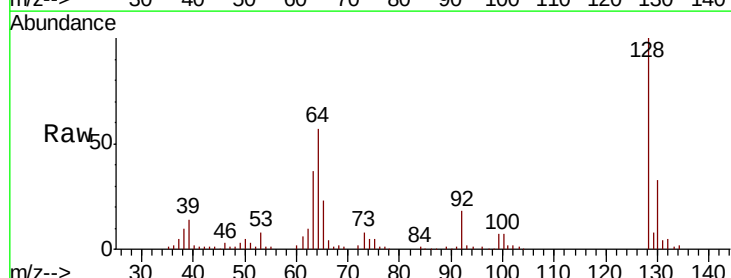
RT: 7.71 min Scan# 787

Delta R.T. 0.00 min

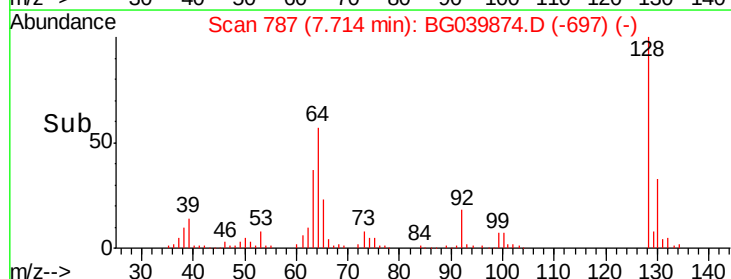
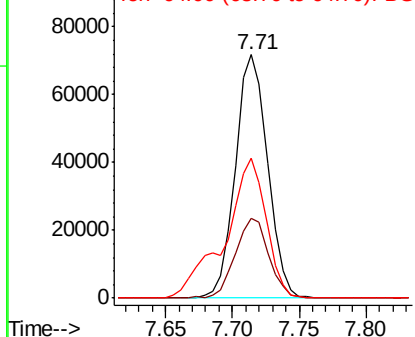
Lab File: BG039874.D

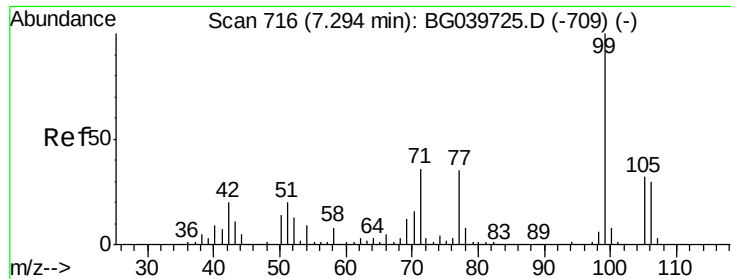
Acq: 12 Mar 2019 14:56

Tgt Ion:	128	Resp:	119535
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	57.4	38.7	78.7



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





#9

Benzaldehyde

Concen: 27.009 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

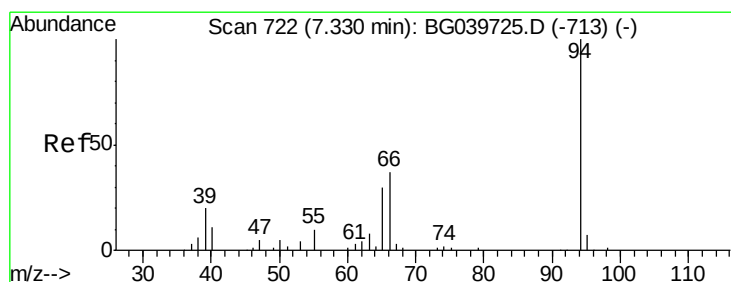
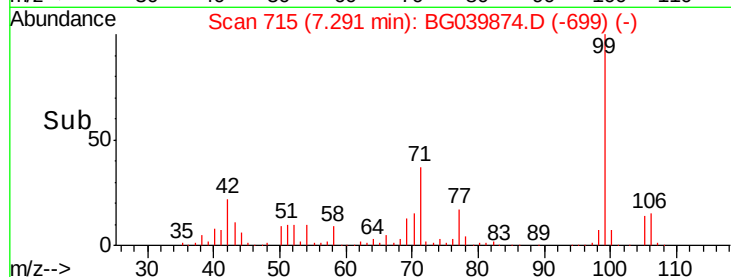
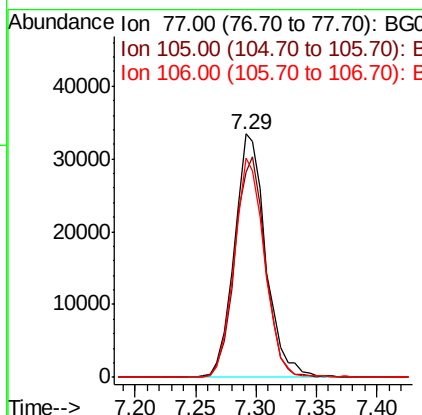
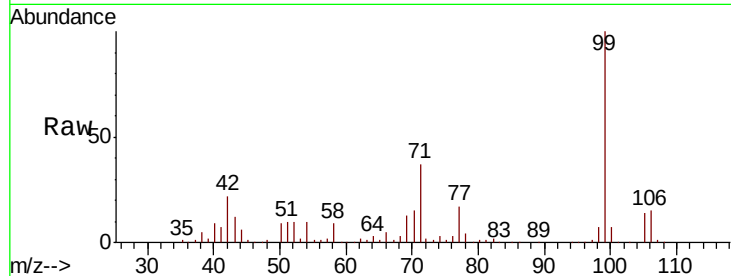
ClientSampleId :

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Tot Ion:	77	Resp:	60458
Ion	Ratio	Lower	Upper
77	100		
105	84.1	74.5	114.5
106	90.1	68.0	108.0

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#10

Phenol

Concen: 47.496 ng

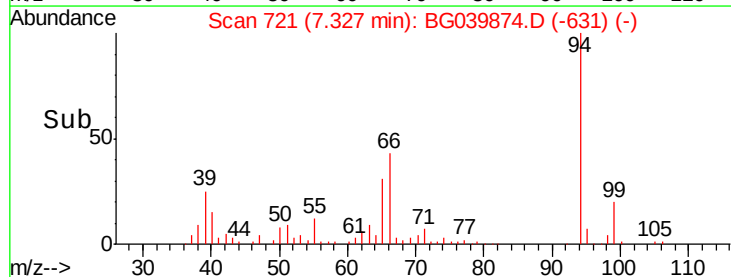
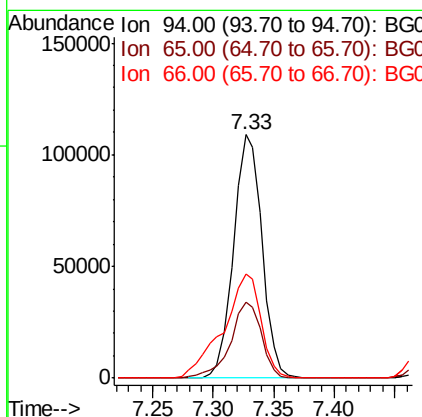
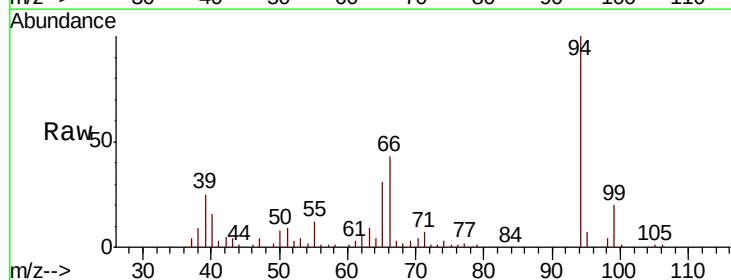
RT: 7.33 min Scan# 721

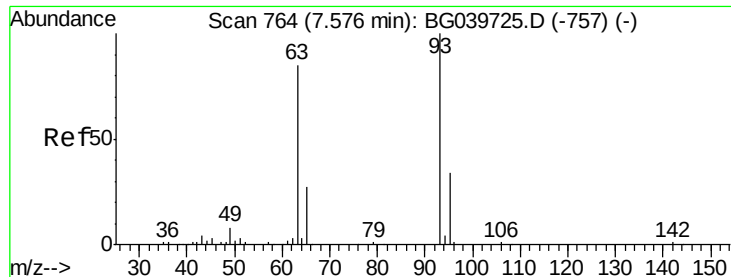
Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	94	Resp:	178548
Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.7	51.7
66	42.8	23.7	63.7





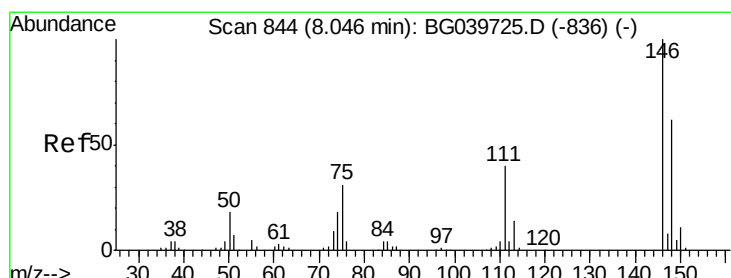
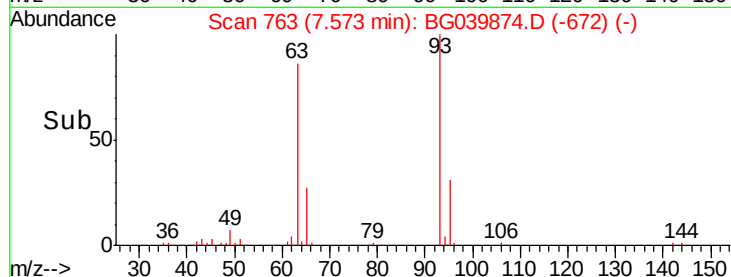
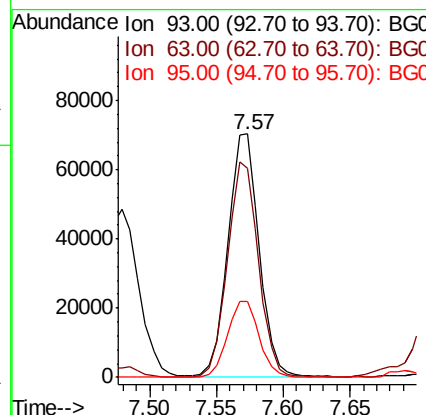
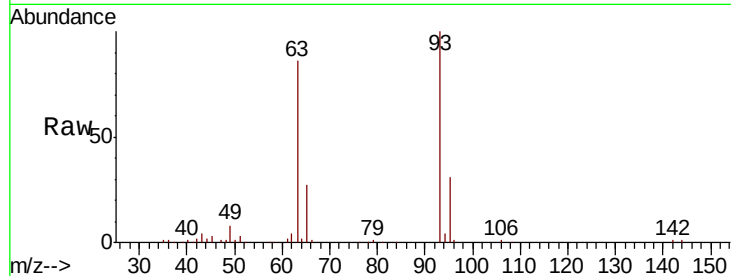
#11
bis(2-Chloroethyl)ether
Concen: 39.564 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	93	Resp	115959
Ion	Ratio	Lower	Upper
93	100		
63	85.9	69.5	109.5
95	31.1	12.7	52.7

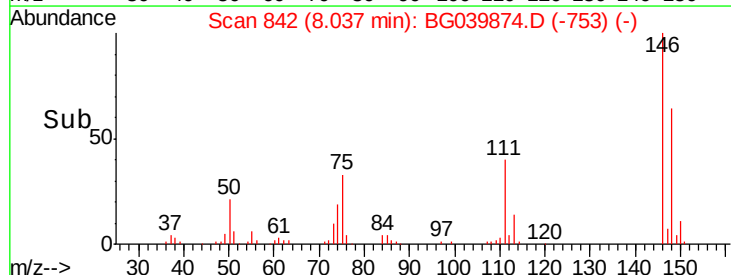
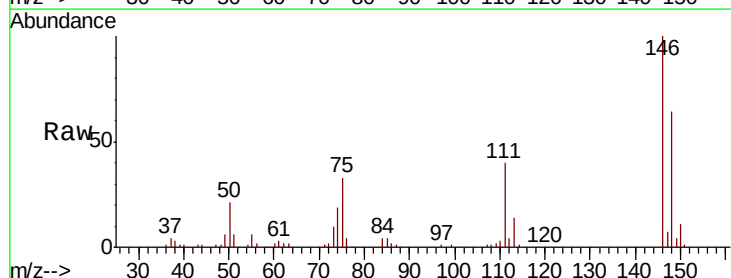
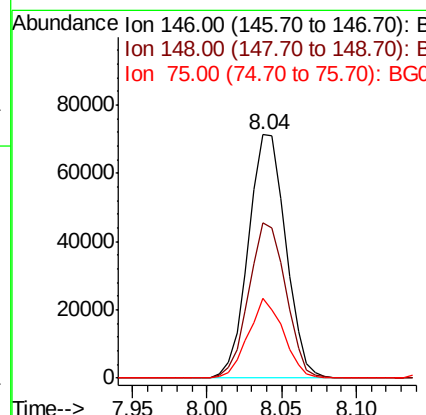
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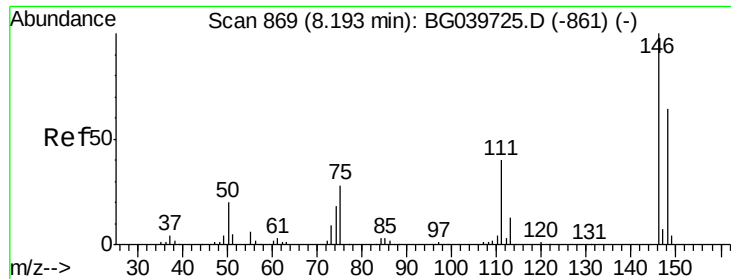
Sohil
3/13/2019 5:49:22 PM



#12
1,3-Dichlorobenzene
Concen: 38.611 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	146	Resp	123291
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	79.0
75	32.7	25.8	38.6





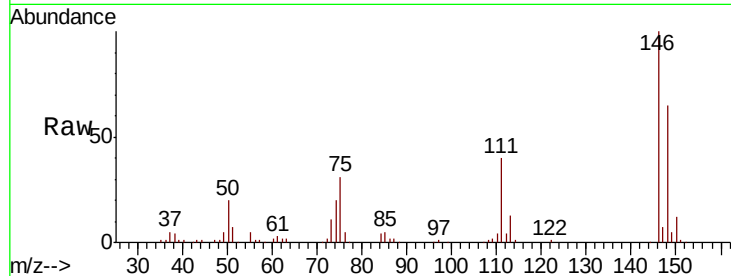
#13
 1,4-Dichlorobenzene
 Concen: 38.322 ng
 RT: 8.19 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	40.2	32.6	48.8

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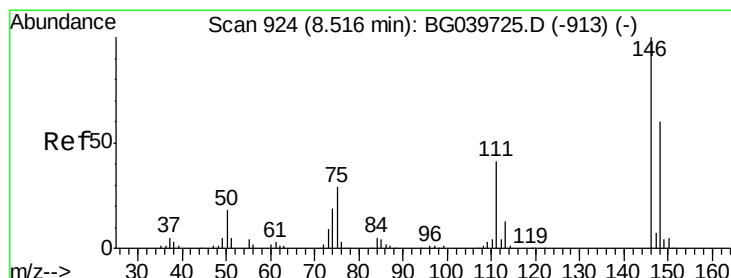
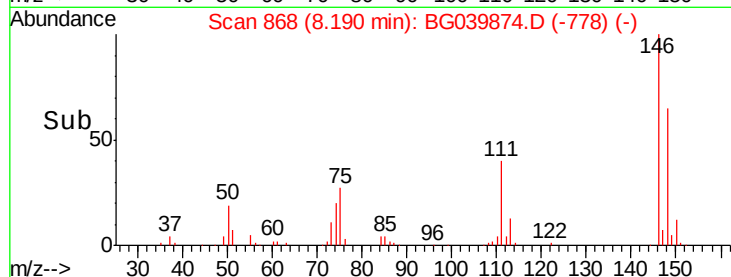
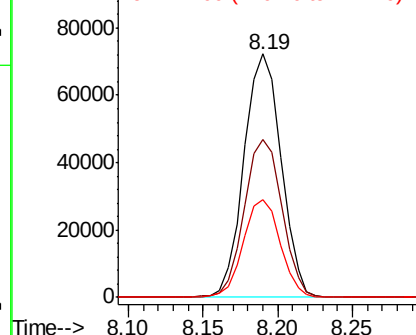


Abundance

Ion 146.00 (145.70 to 146.70): E

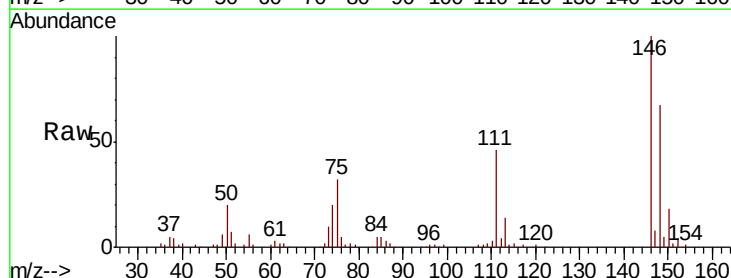
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.409 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
111	45.6	33.8	50.6

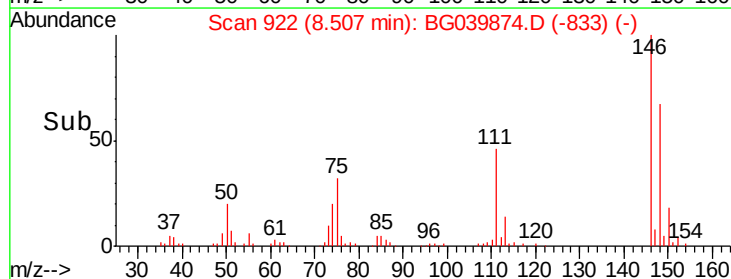
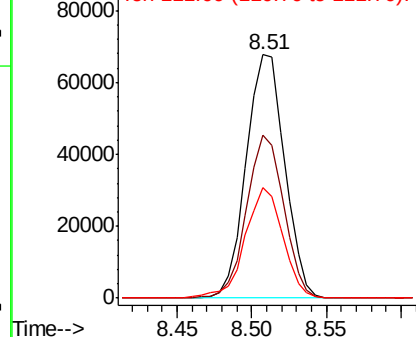


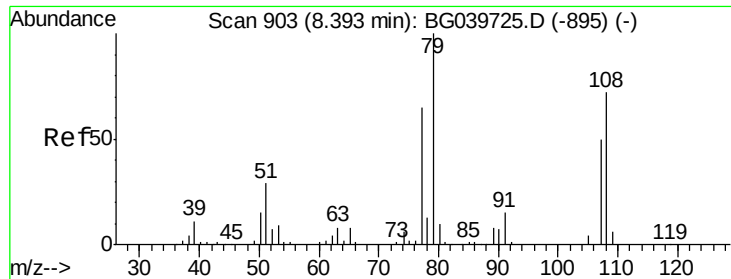
Abundance

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: 43.618 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

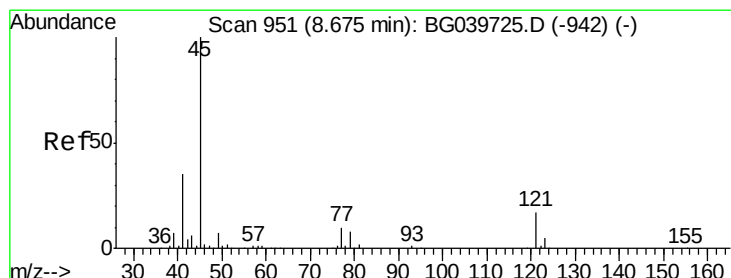
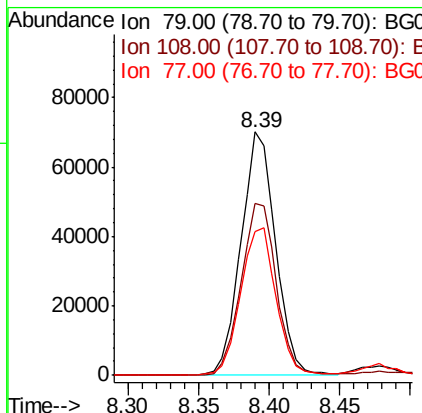
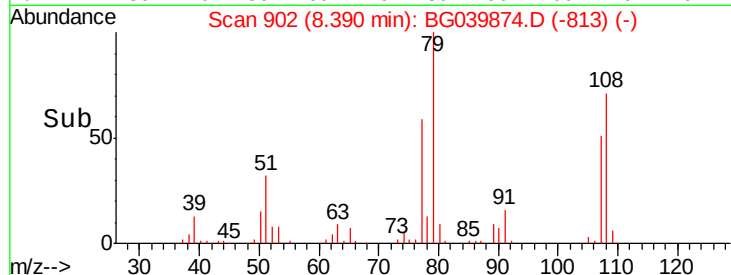
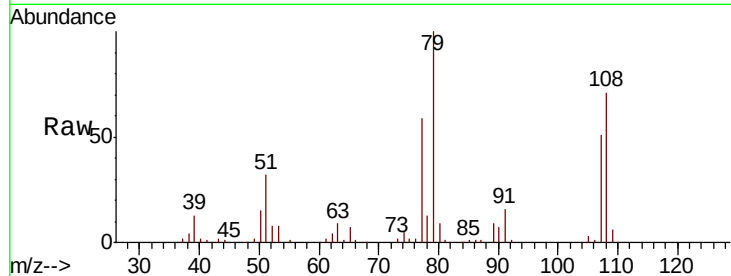
ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:	79	Resp:	120063
Ion Ratio	Lower	Upper	
79	100		
108	70.5	57.8	86.6
77	59.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.409 ng

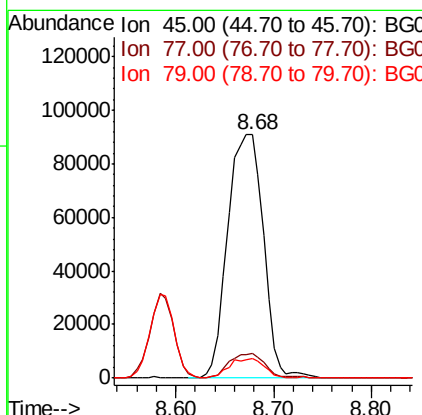
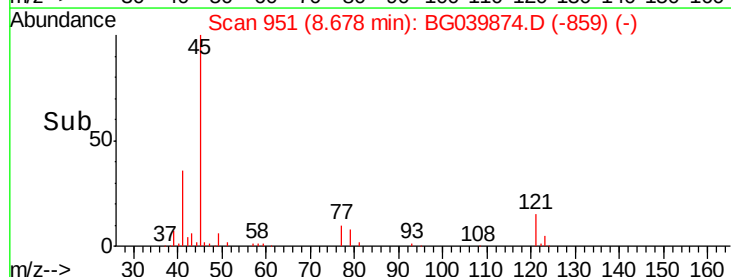
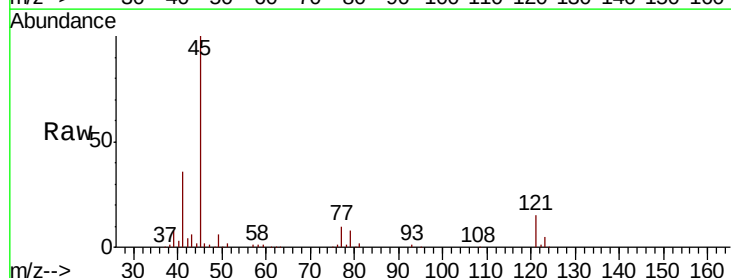
RT: 8.68 min Scan# 951

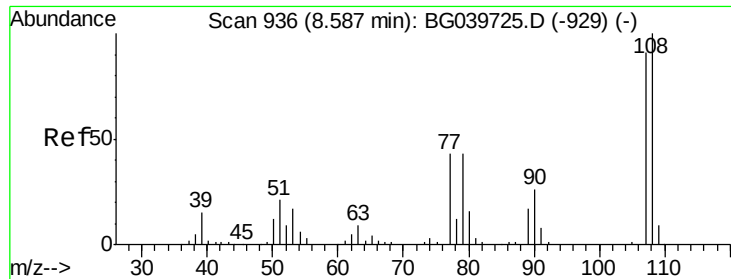
Delta R.T. 0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	45	Resp:	231013
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.0
79	8.0	0.0	27.5





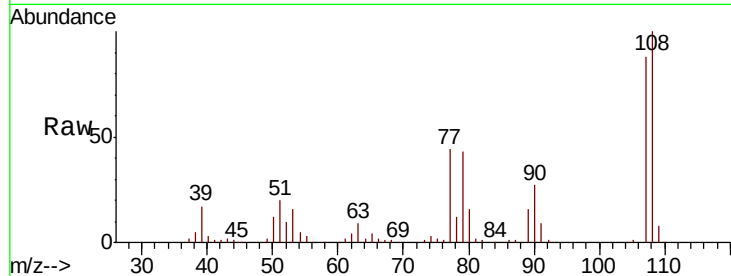
#17
2-Methylphenol
Concen: 45.315 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.8	136.2	
77	49.8	40.7	61.1	
79	49.0	40.6	60.8	

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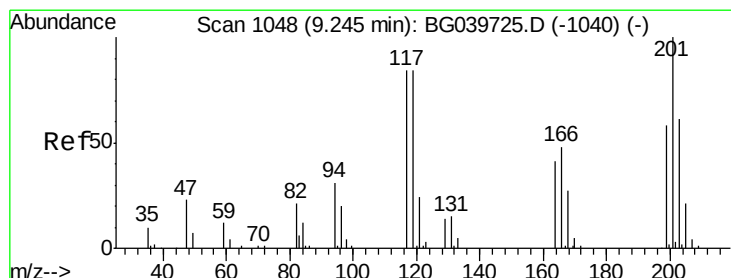
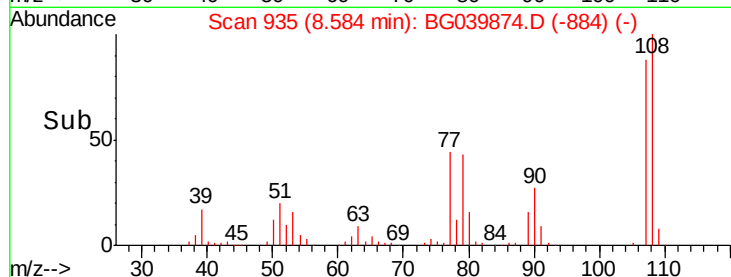
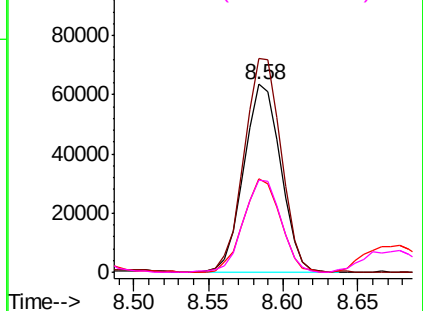
Abundance

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: 37.225 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

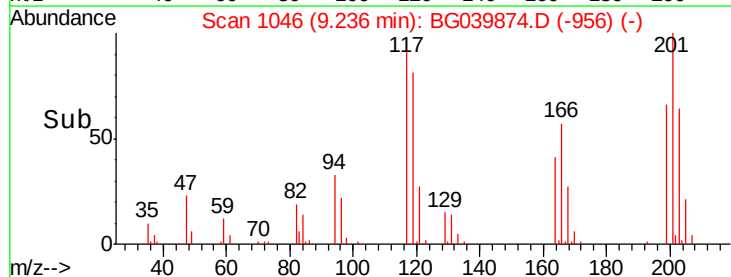
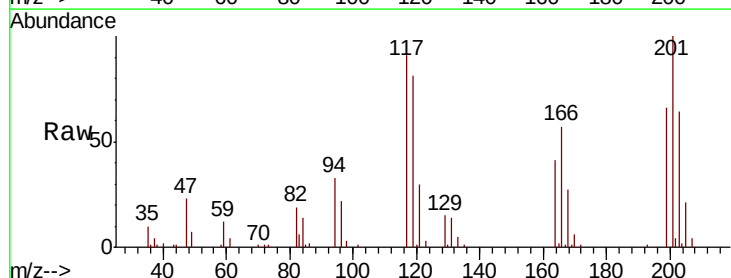
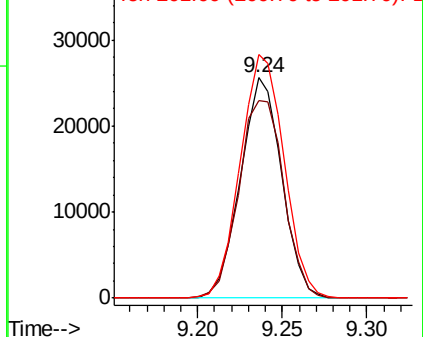
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.5	76.3	114.5	
201	110.4	91.1	136.7	

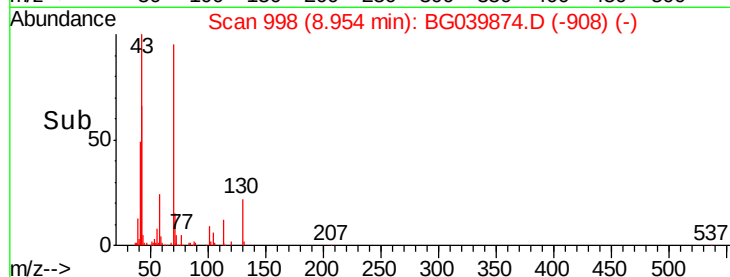
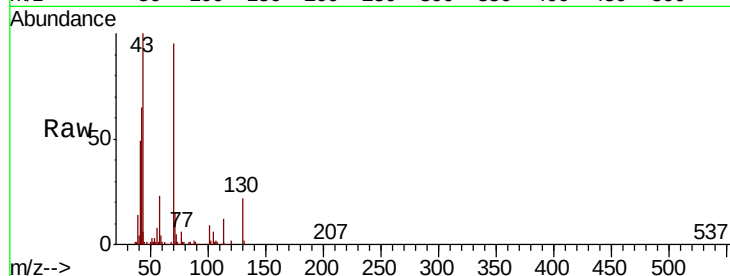
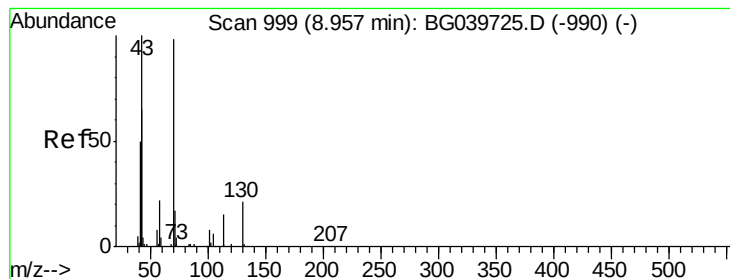
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.325 ng

RT: 8.95 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion: 70 Resp: 98220

Ion Ratio Lower Upper

70 100

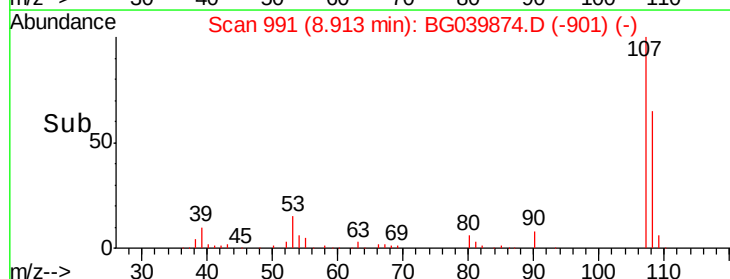
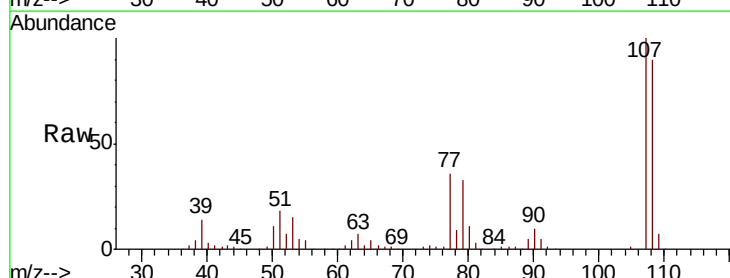
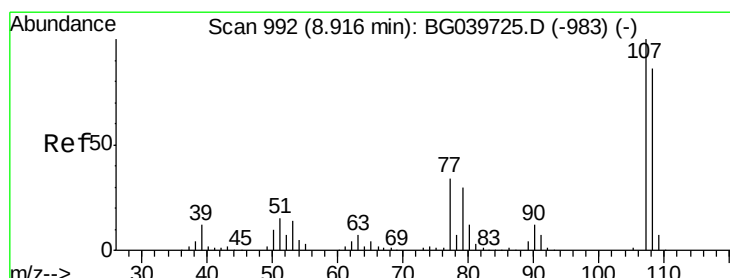
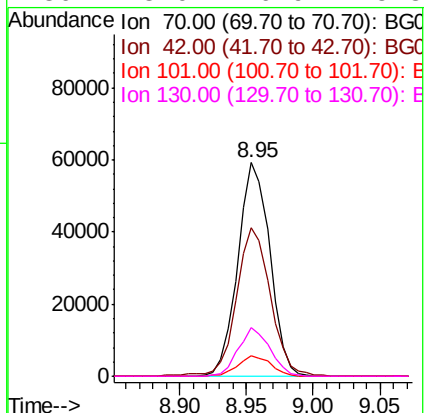
42 69.2 60.4 90.6

101 9.4 7.5 11.3

130 23.0 16.9 25.3

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#20

3+4-Methylphenols

Concen: 45.818 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion: 107 Resp: 152574

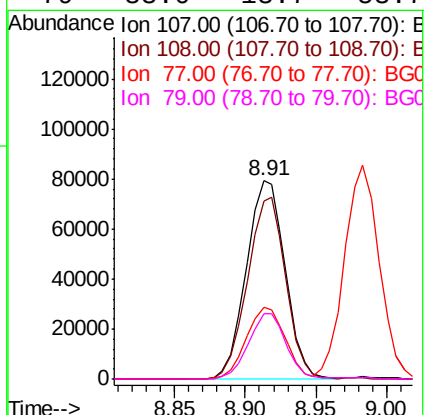
Ion Ratio Lower Upper

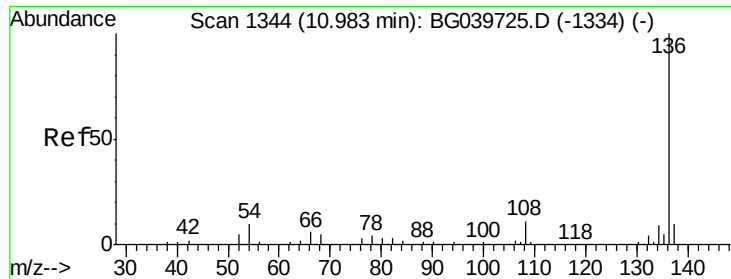
107 100

108 89.5 67.9 107.9

77 36.1 15.4 55.4

79 33.0 13.7 53.7





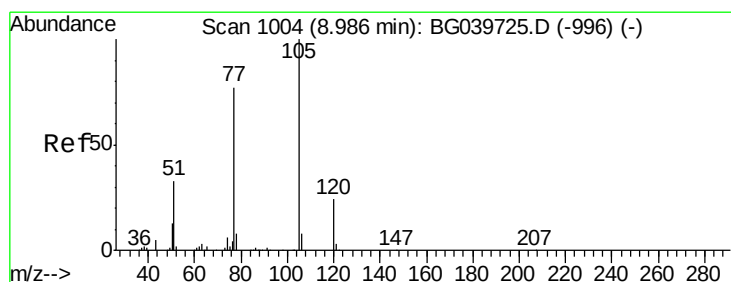
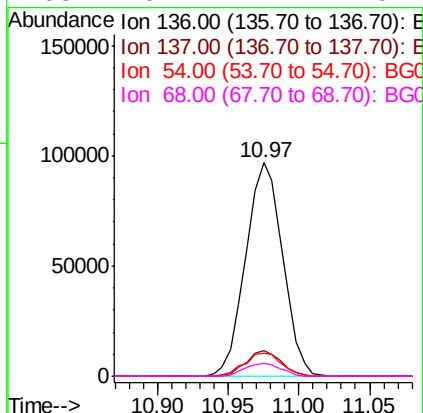
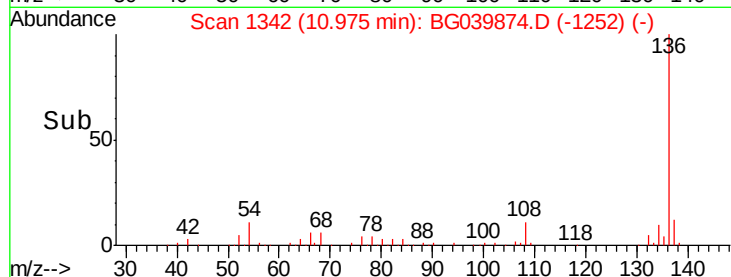
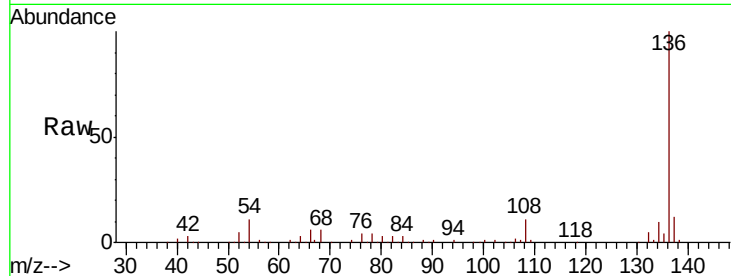
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178655		
137	11.9		9.1	13.7
54	10.8		9.4	14.2
68	6.1		4.2	6.4

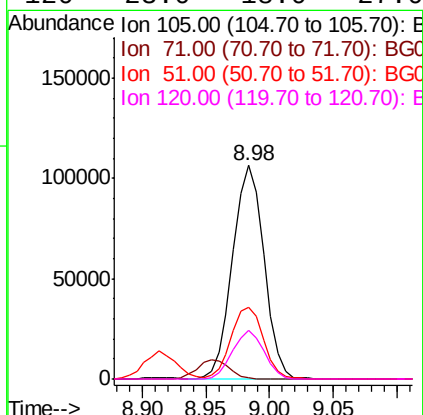
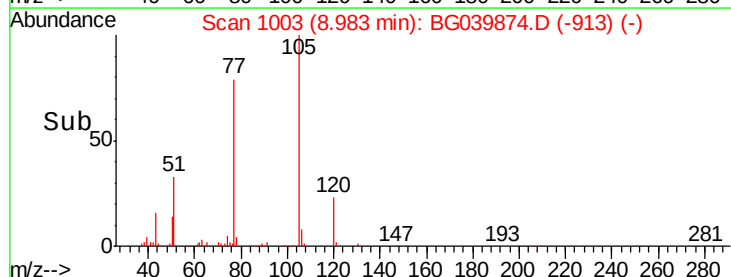
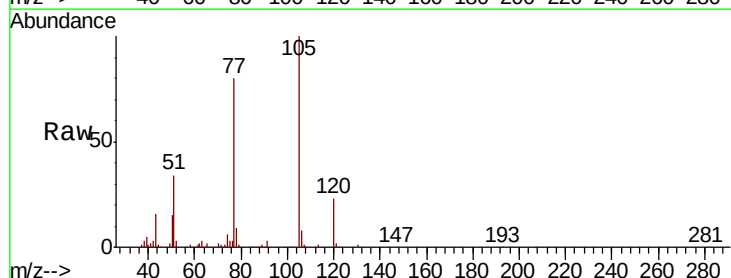
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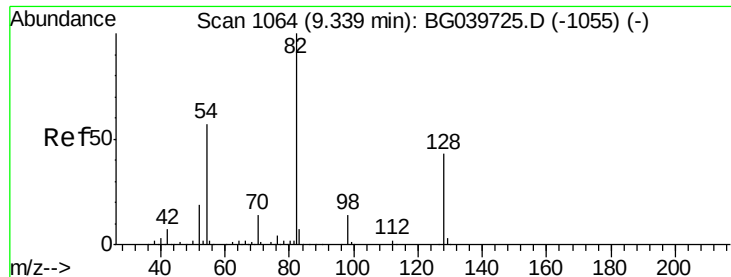
Sohil
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#22
Acetophenone
Concen: 38.163 ng
RT: 8.98 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182995		
71	0.5		0.8	1.2#
51	33.5		30.2	45.2
120	23.0		18.0	27.0





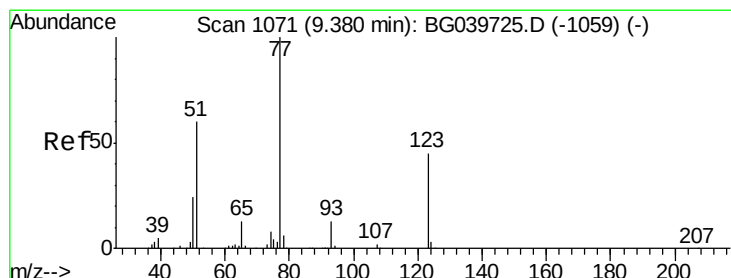
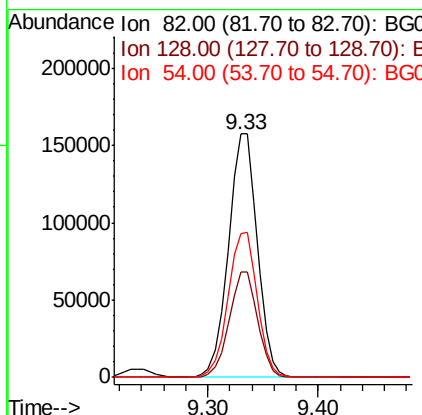
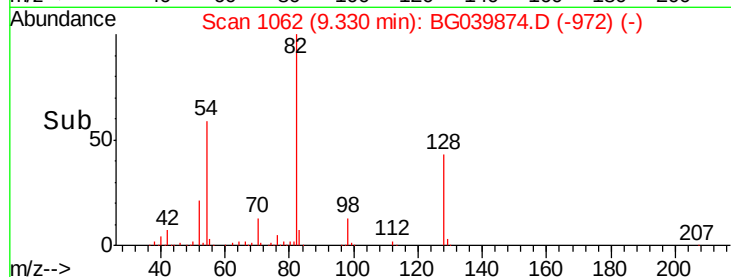
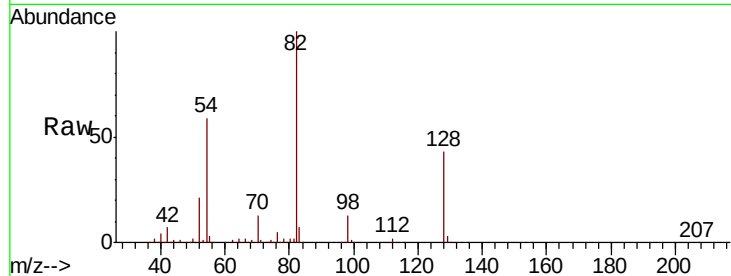
#23
 Nitrobenzene-d5
 Concen: 87.461 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288910		
128	43.1	31.3	46.9	
54	59.1	50.9	76.3	

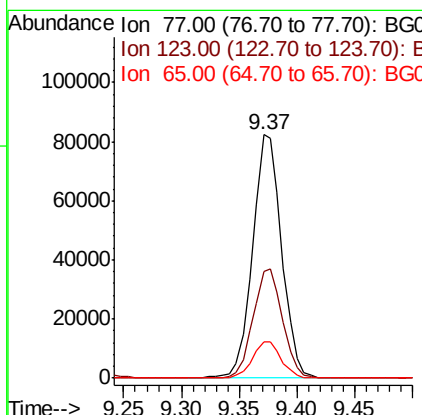
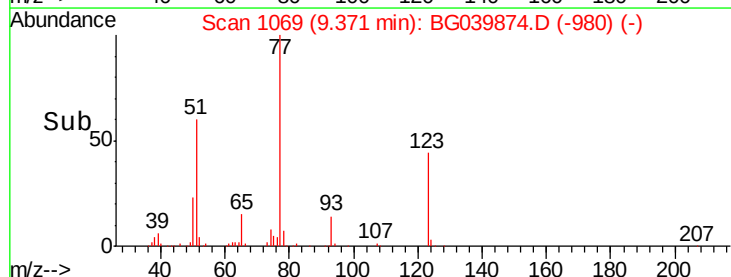
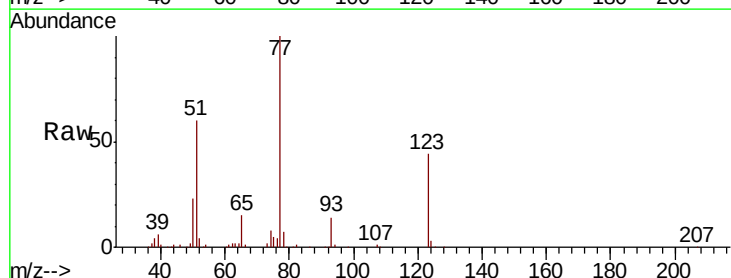
Manual Integrations
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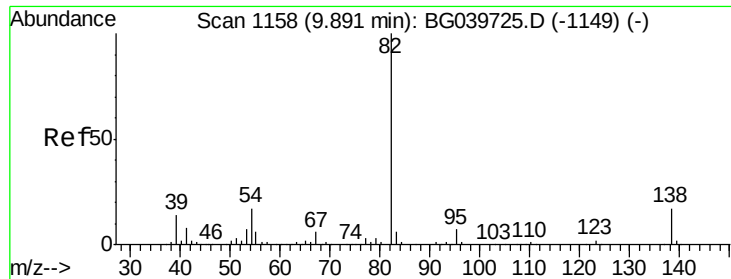
Sohil
 3/13/2019 5:49:22 PM



#24
 Nitrobenzene
 Concen: 41.475 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	143728		
123	43.9	34.1	51.1	
65	15.0	12.3	18.5	





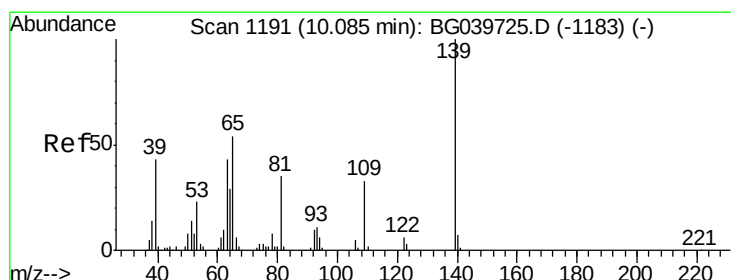
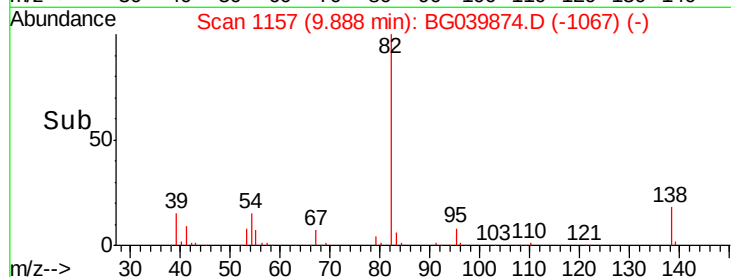
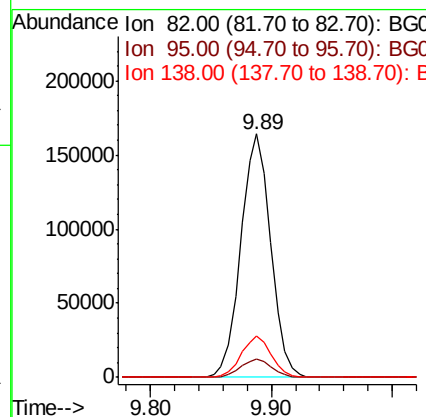
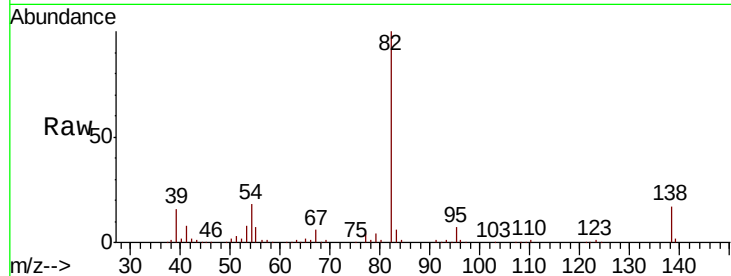
#25
Isophorone
Concen: 40.777 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	17.0	13.0	19.4

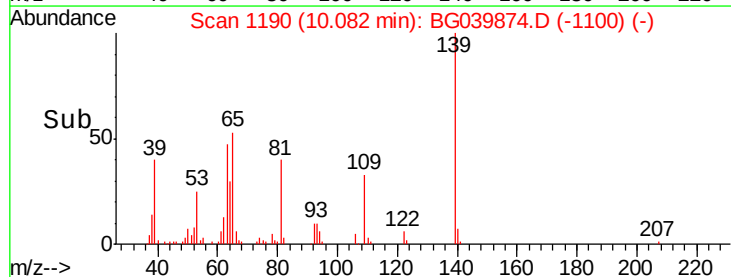
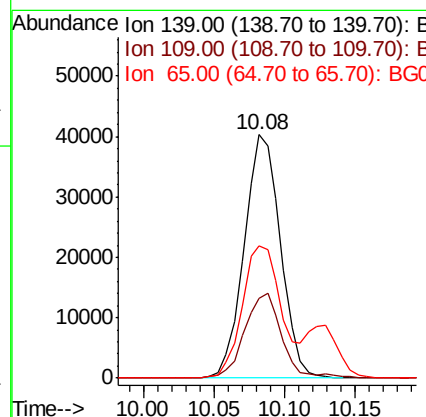
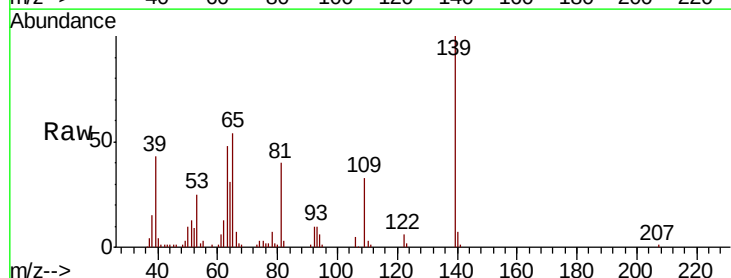
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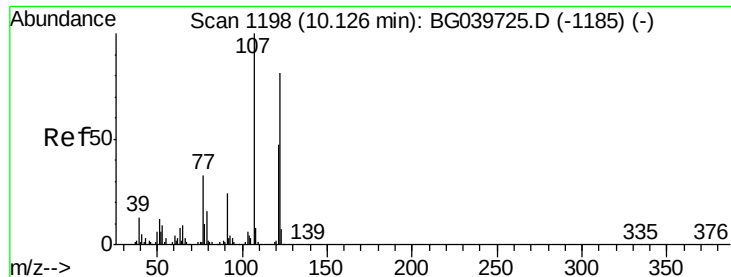
Sohil
3/13/2019 5:49:22 PM



#26
2-Nitrophenol
Concen: 43.269 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	23.4	35.0
65	54.3	44.3	66.5





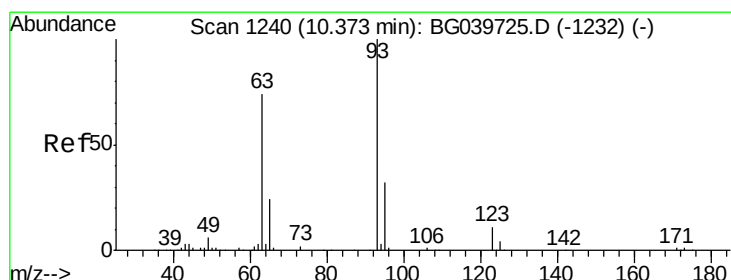
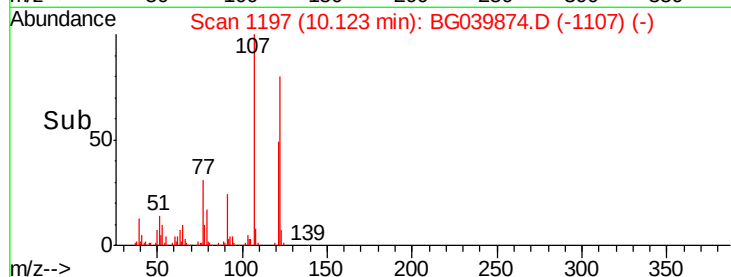
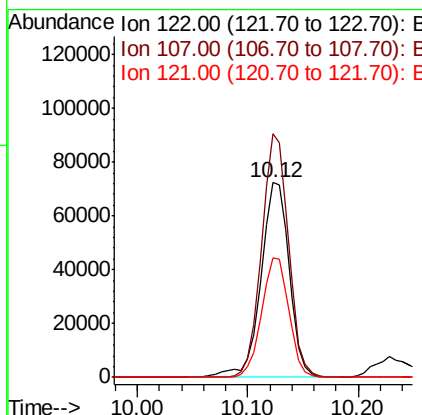
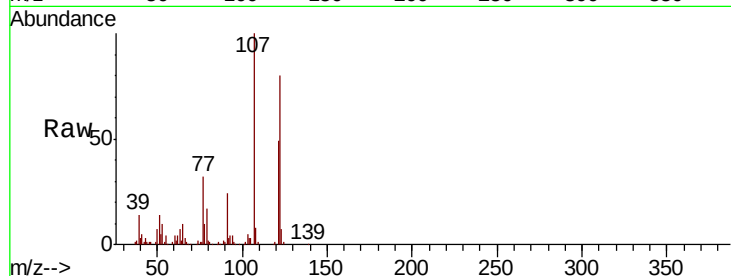
#27
 2,4-Dimethylphenol
 Concen: 50.331 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.0	91.7	137.5
121	61.5	46.4	69.6

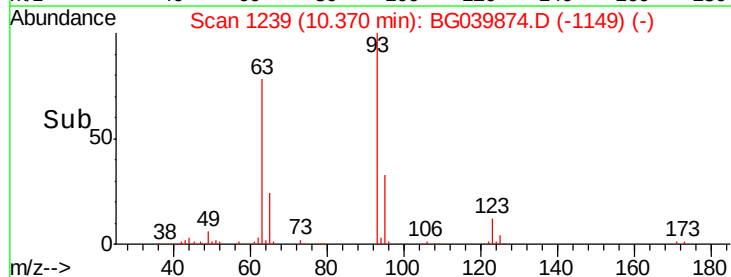
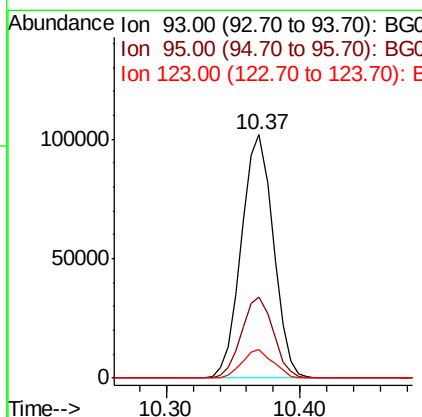
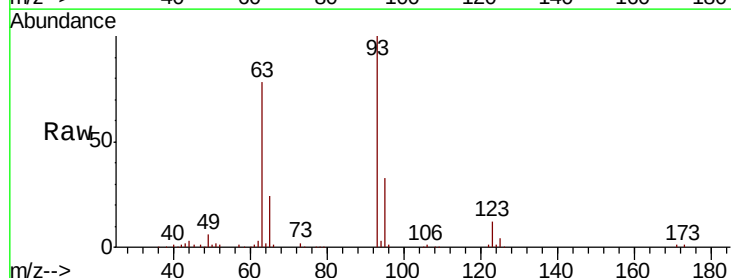
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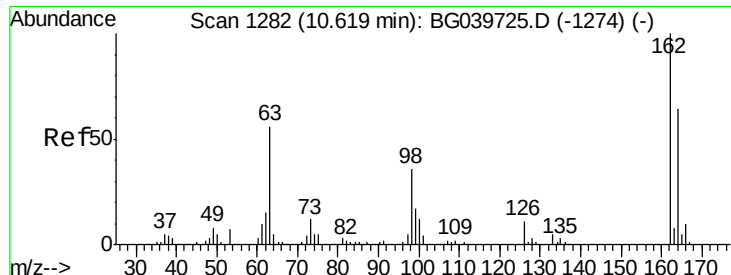
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.085 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.0	37.4
123	11.6	8.6	12.8





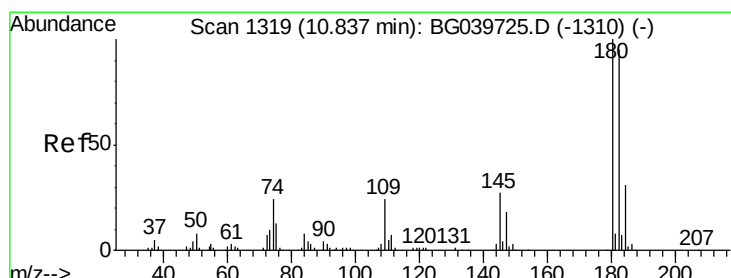
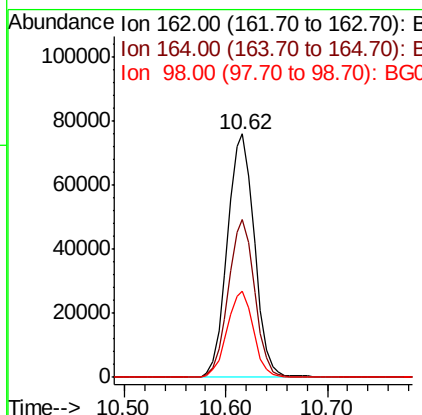
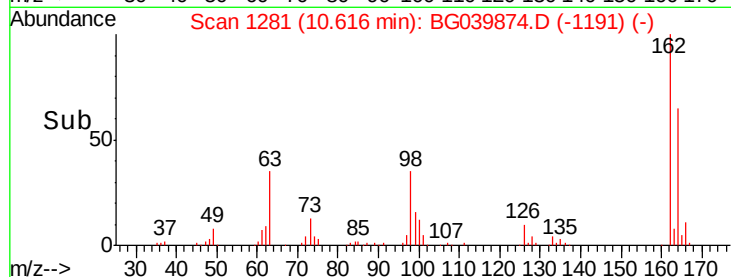
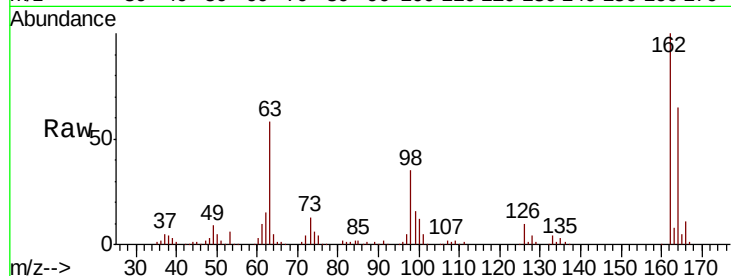
#29
 2,4-Dichlorophenol
 Concen: 47.832 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	48.1	88.1
98	35.4	18.1	58.1

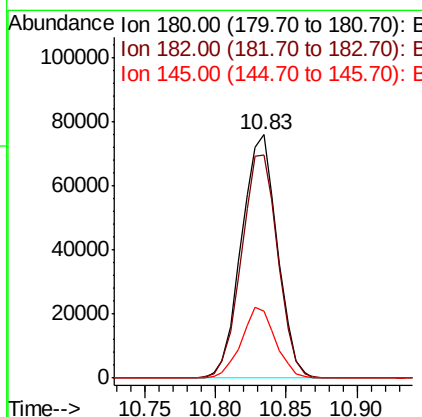
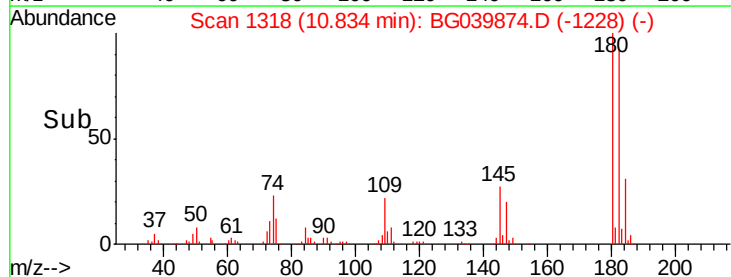
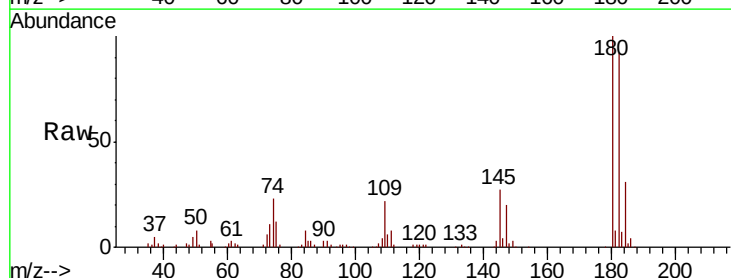
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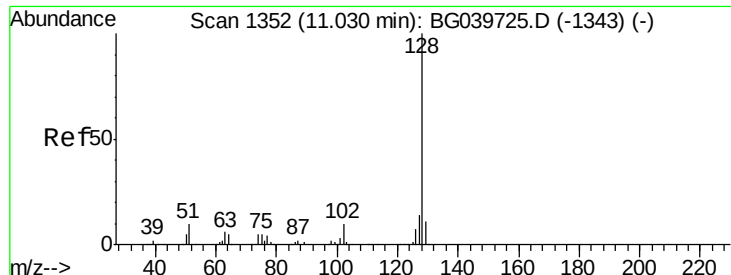
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.859 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.8	76.0	114.0
145	27.4	22.7	34.1





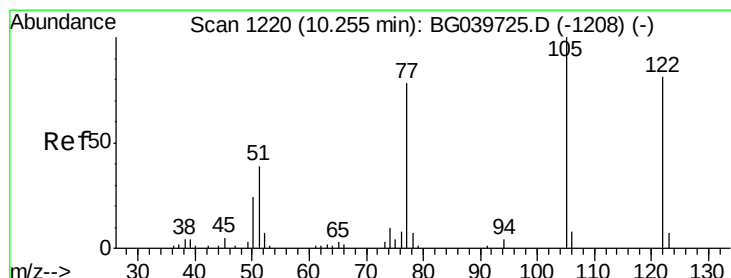
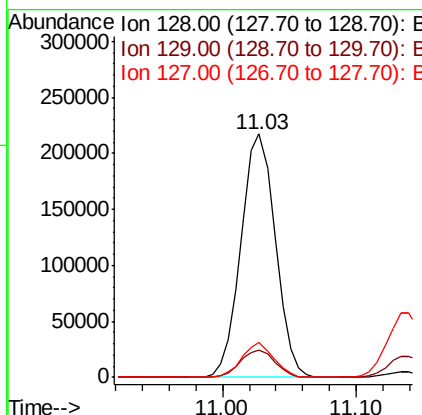
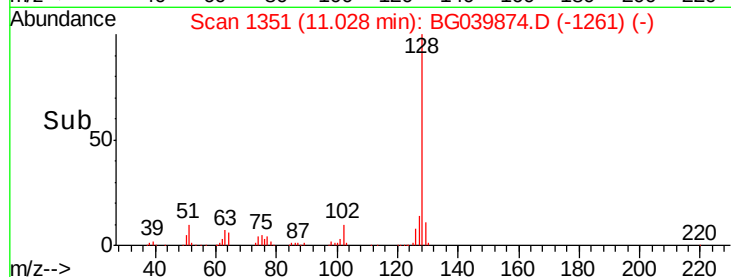
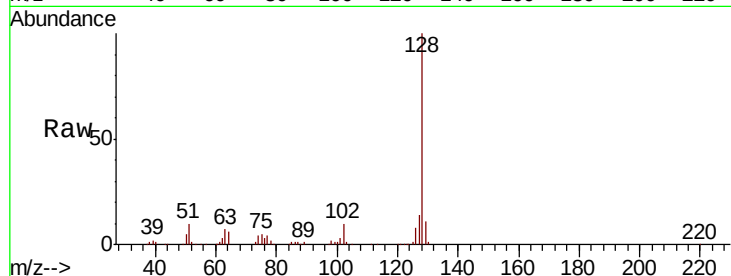
#31
Naphthalene
Concen: 40.944 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	387286		
129	11.3		8.7	13.1
127	14.5		10.8	16.2

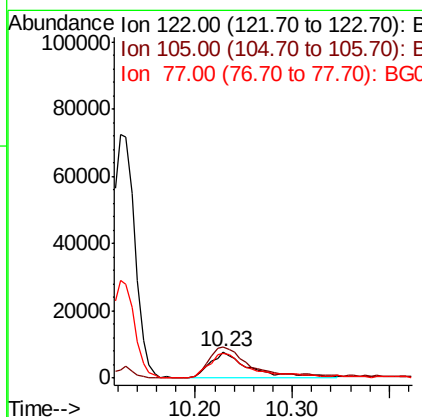
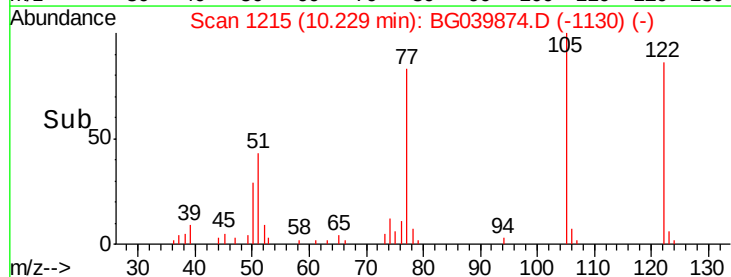
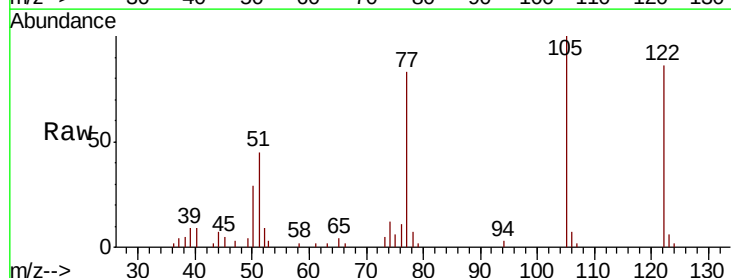
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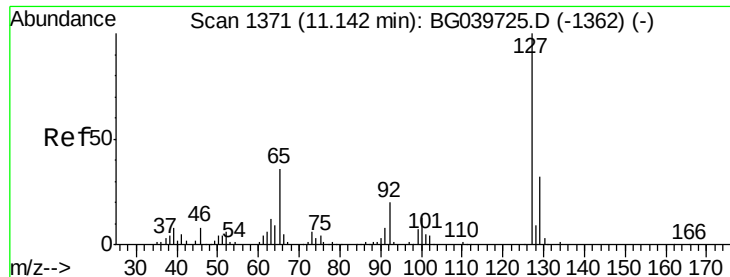
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#32
Benzoic acid
Concen: 17.593 ng m
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22774		
105	116.1		101.8	141.8
77	96.1		76.3	116.3





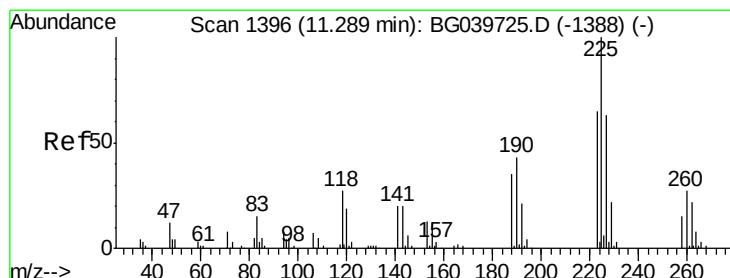
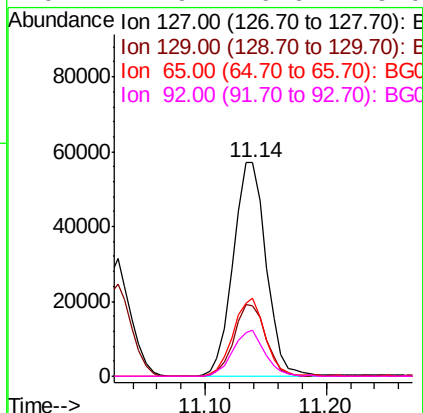
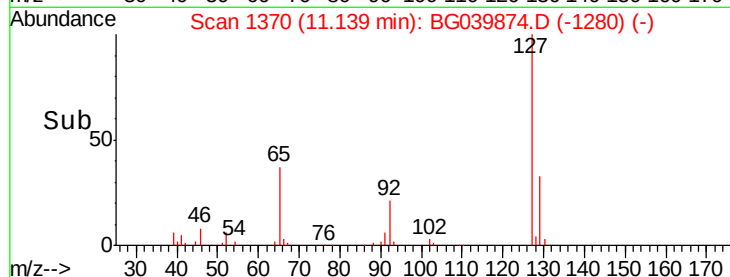
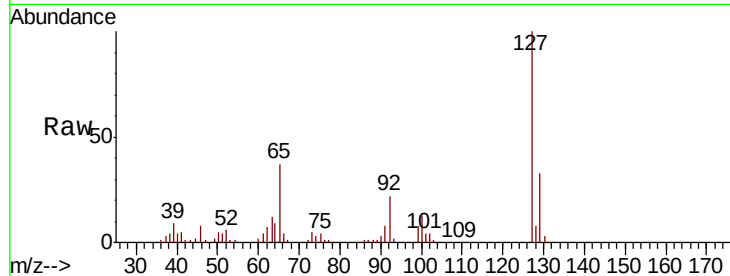
#33
4-Chloroaniline
Concen: 27.236 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	27.0	40.4		
65	36.8	28.8	43.2		
92	21.9	16.6	25.0		

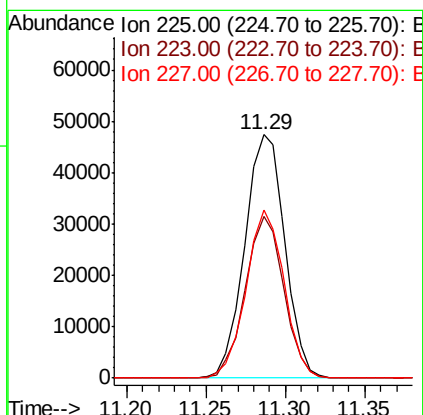
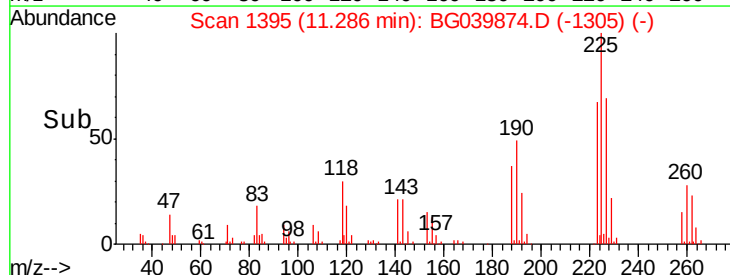
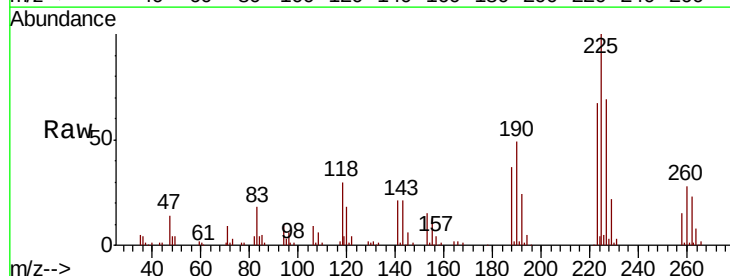
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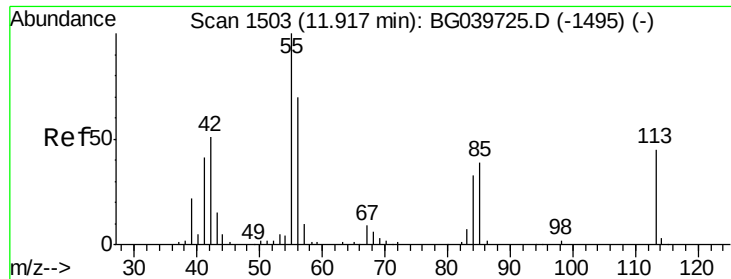
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#34
Hexachlorobutadiene
Concen: 36.920 ng
RT: 11.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.6	49.0	73.6		
227	68.8	46.3	69.5		





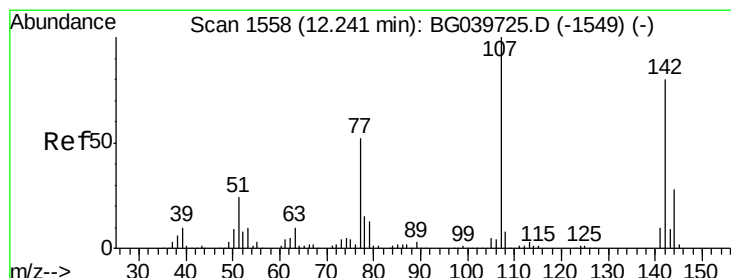
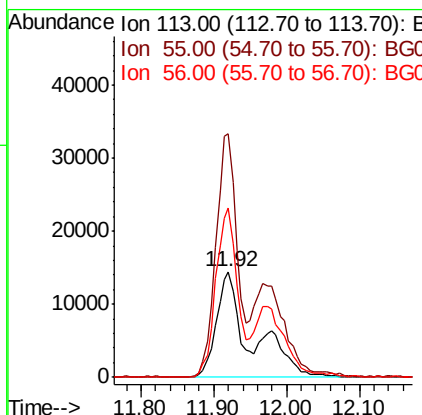
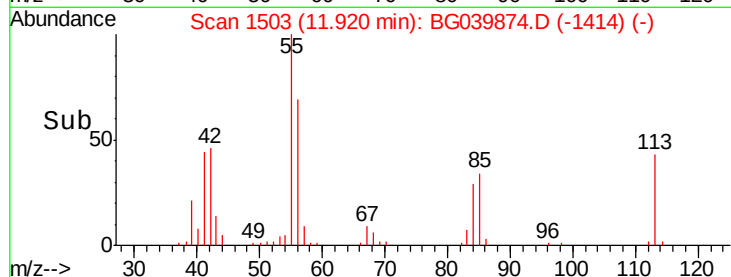
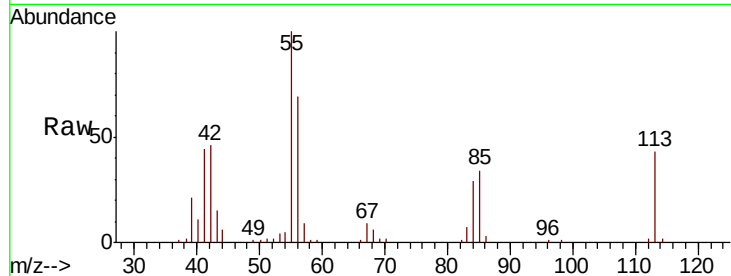
#35
 Caprolactam
 Concen: 42.168 ng/ml
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion: 113 Resp: 47193
 Ion Ratio Lower Upper
 113 100
 55 230.0 216.9 256.9
 56 159.7 152.6 192.6

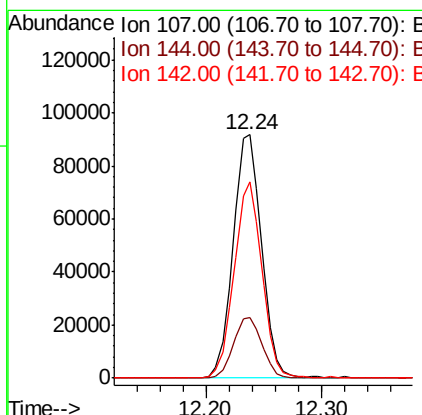
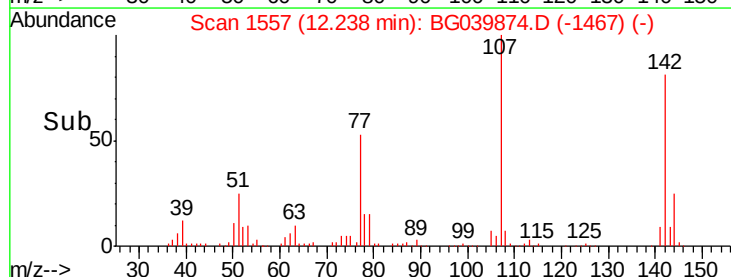
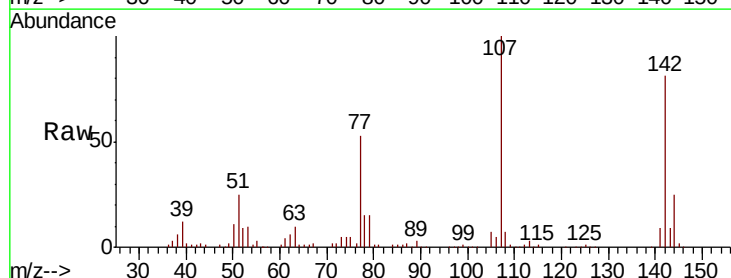
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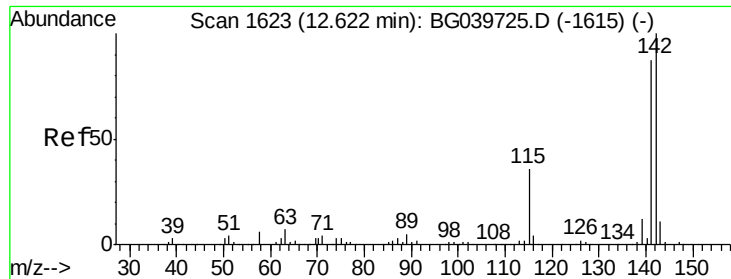
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#36
 4-Chloro-3-methylphenol
 Concen: 46.509 ng/ml
 RT: 12.24 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion: 107 Resp: 156200
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 80.8 61.4 92.2





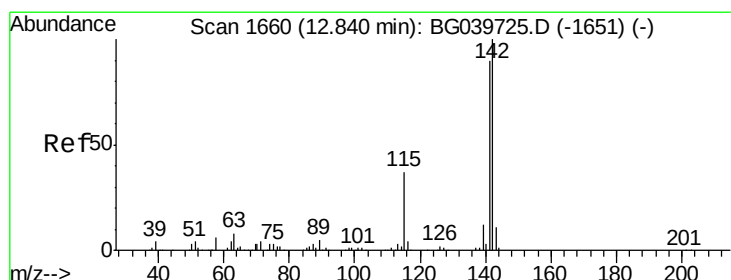
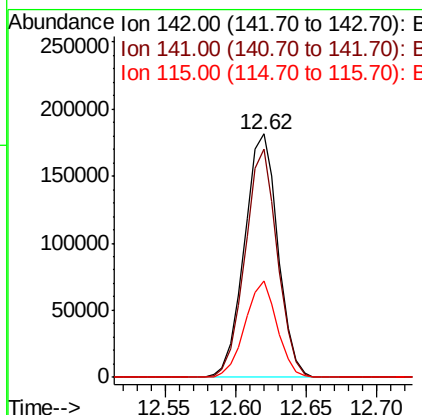
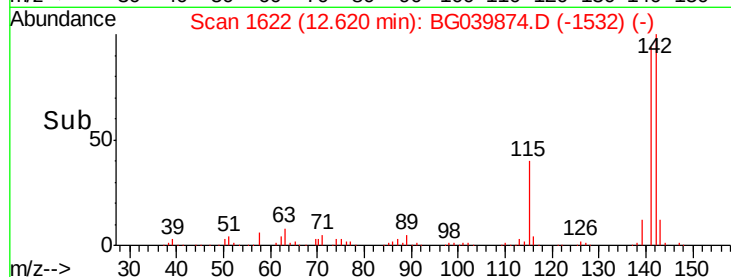
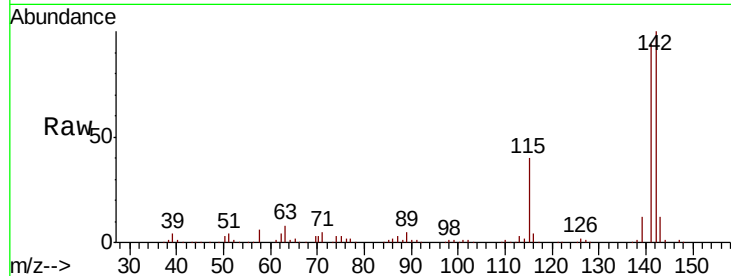
#37
 2-Methylnaphthalene
 Concen: 42.551 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.5	110.3
115	39.7	30.8	46.2

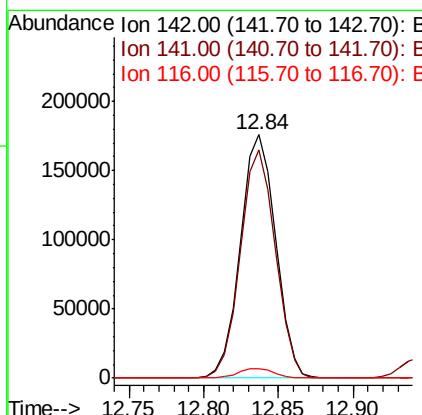
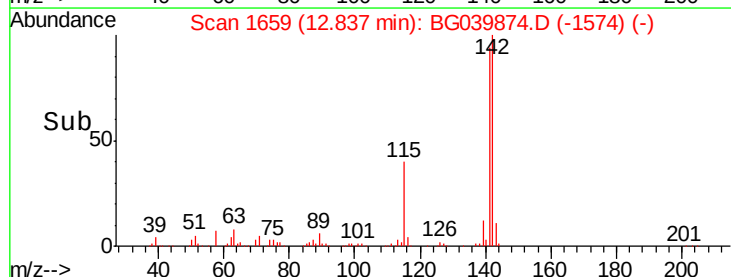
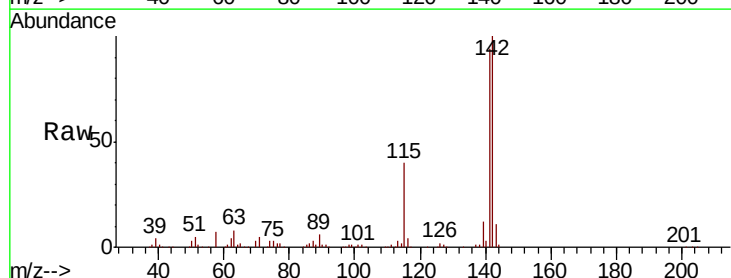
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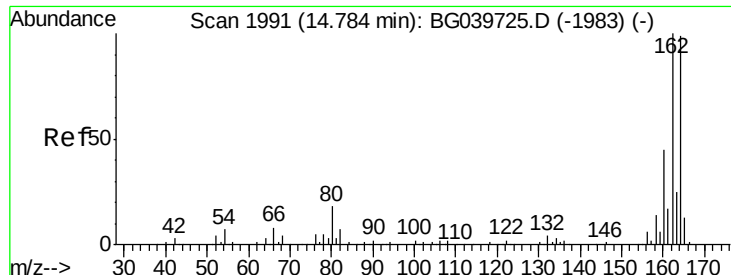
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#38
 1-Methylnaphthalene
 Concen: 41.922 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

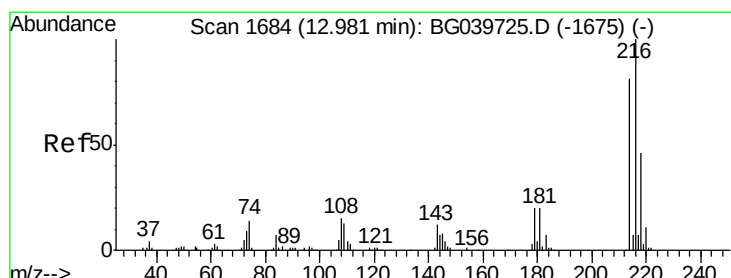
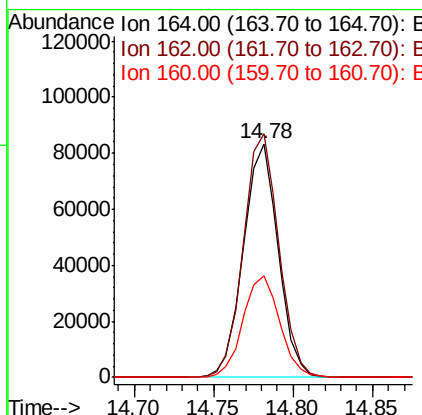
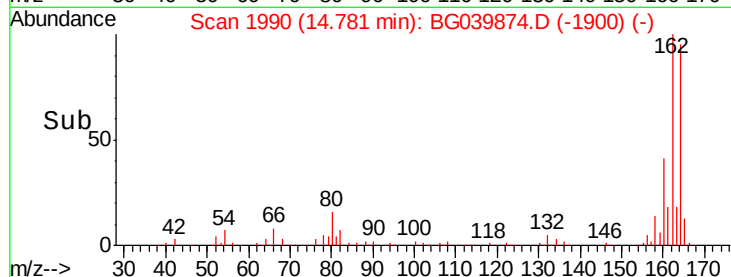
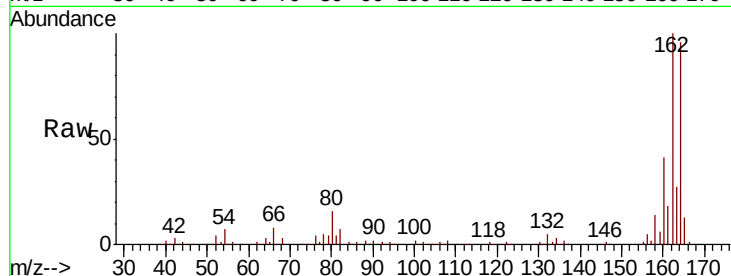
ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:	164	Resp:	126695
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.6	122.4
160	43.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.926 ng

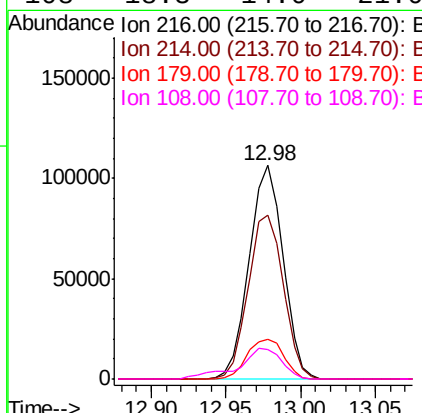
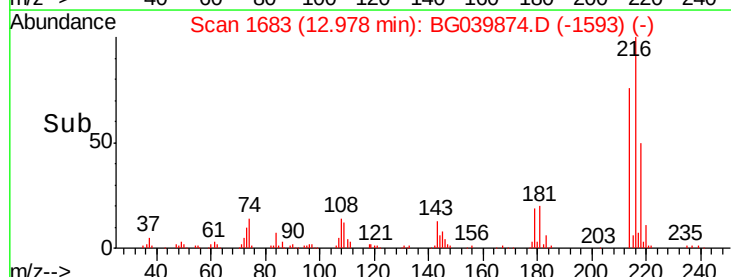
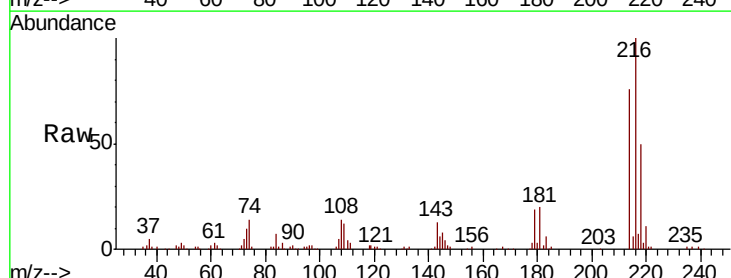
RT: 12.98 min Scan# 1683

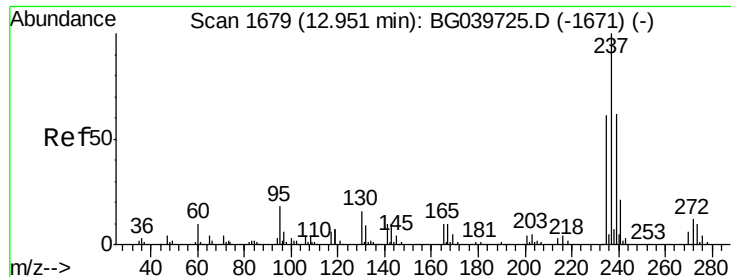
Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	216	Resp:	167075
Ion Ratio	Lower	Upper	
216	100		
214	79.6	62.6	94.0
179	20.3	16.6	25.0
108	18.3	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 90.397 ng

RT: 12.94 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

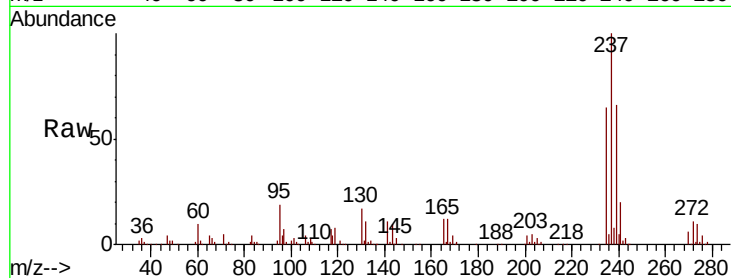
ClientSampleId :

BALLFIELD-SS-03072019MS

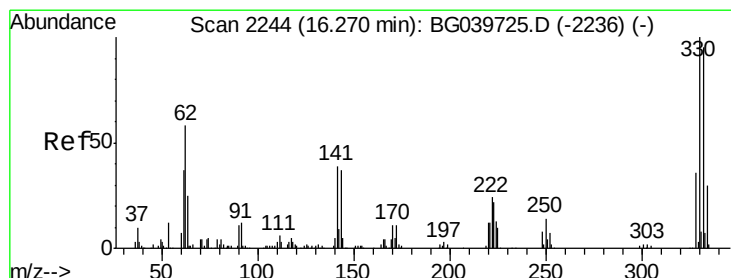
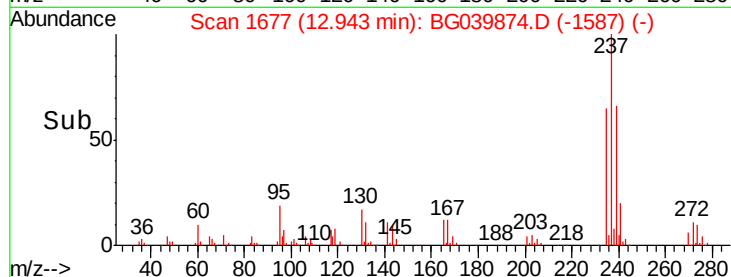
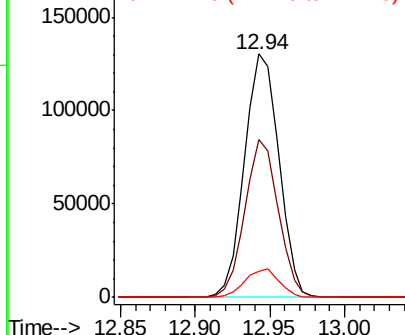
Tot Ion:	237	Resp:	207928
Ion Ratio	Lower	Upper	
237	100		
235	64.9	43.3	83.3
272	10.7	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 137.475 ng

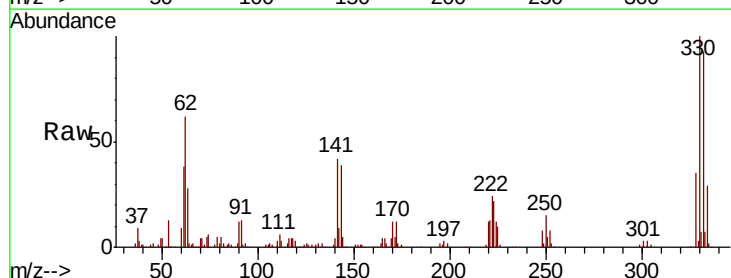
RT: 16.27 min Scan# 2243

Delta R.T. 0.00 min

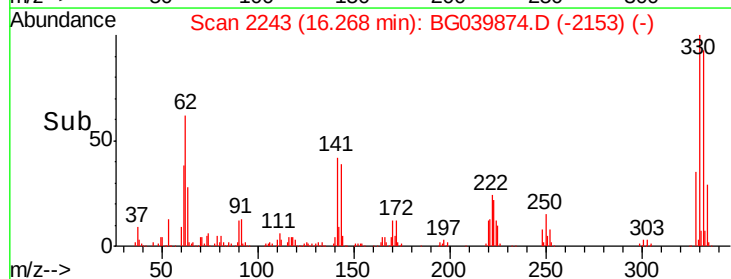
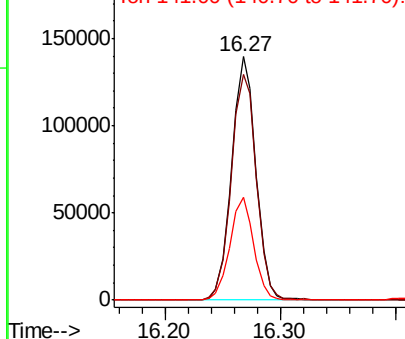
Lab File: BG039874.D

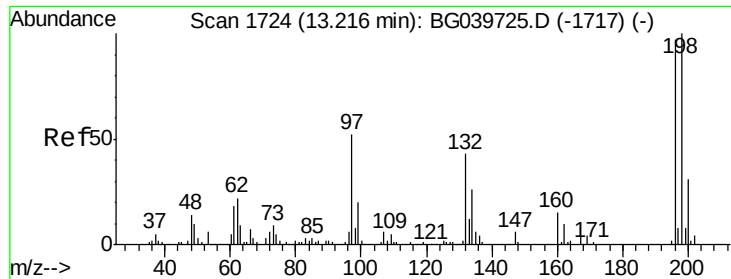
Acq: 12 Mar 2019 14:56

Tgt Ion:	330	Resp:	203013
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	41.6	35.6	53.4



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





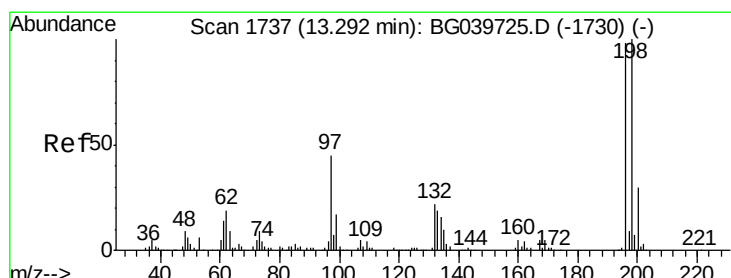
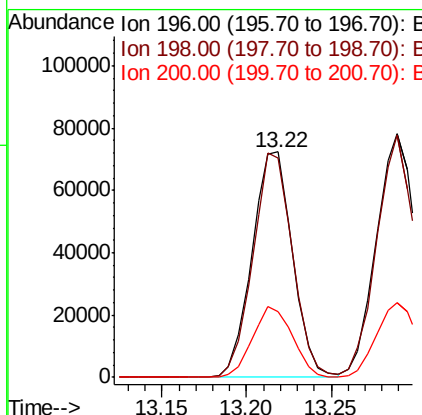
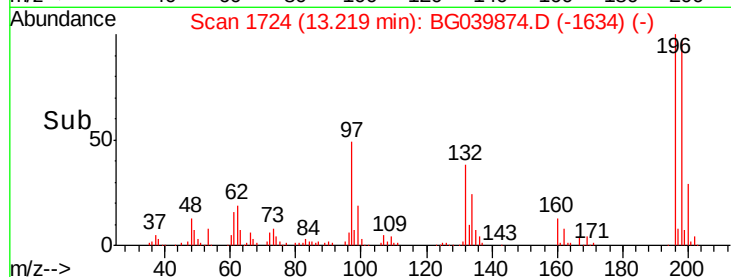
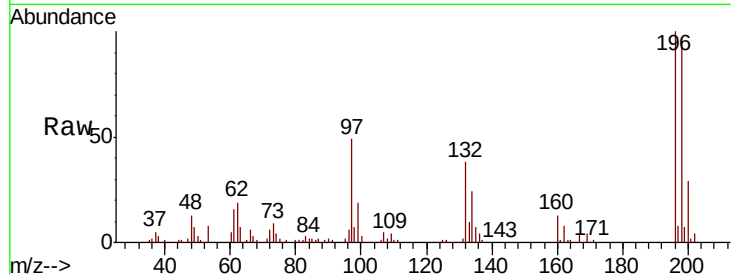
#43
 2,4,6-Trichlorophenol
 Concen: 47.781 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120067		
198	97.4	80.6	121.0	
200	29.3	26.1	39.1	

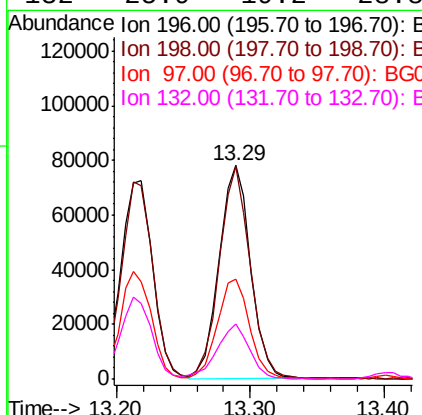
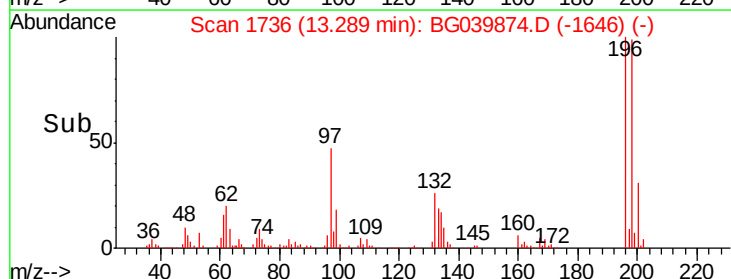
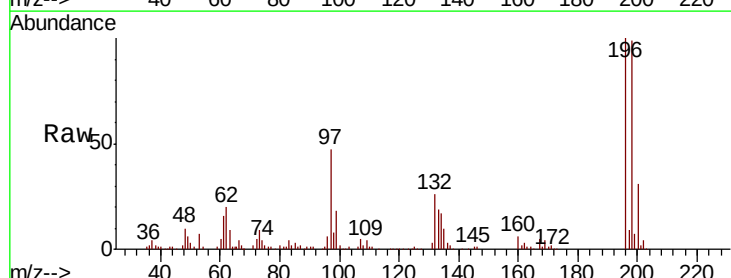
Manual Integrations
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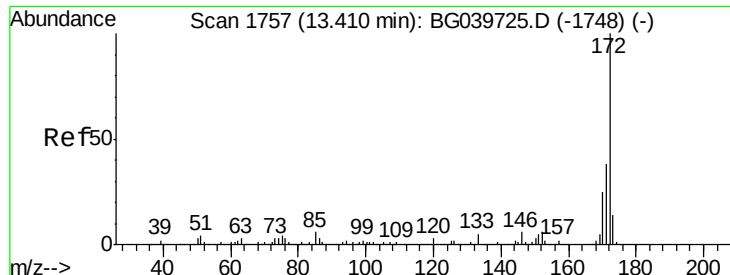
Sohil
 3/13/2019 5:49:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.444 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128715		
198	99.3	78.5	117.7	
97	46.9	38.4	57.6	
132	25.9	19.2	28.8	





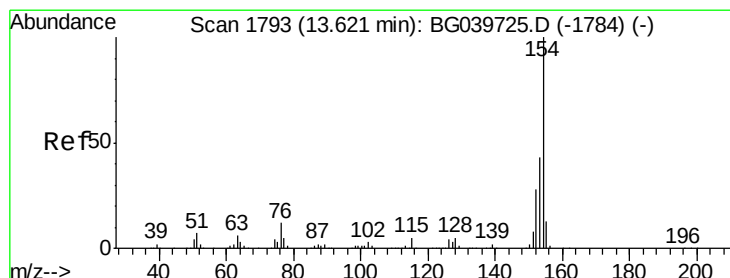
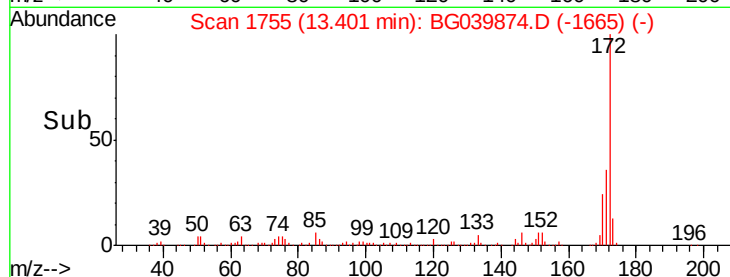
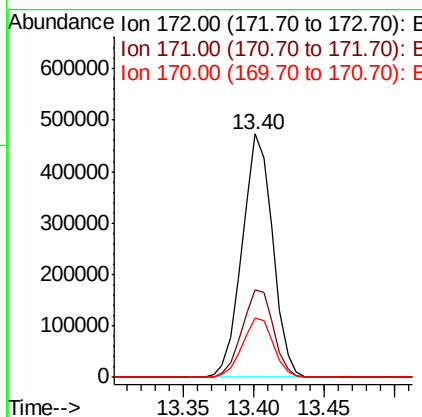
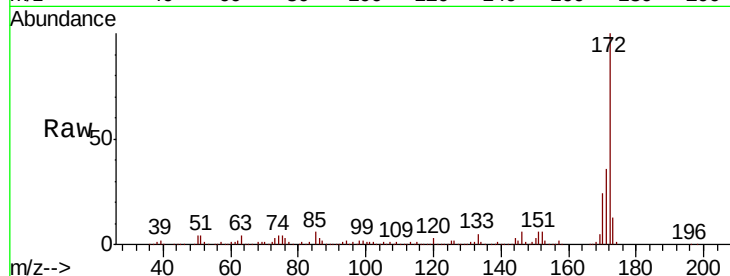
#45
2-Fluorobiphenyl
Concen: 80.337 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.4	20.2	30.4

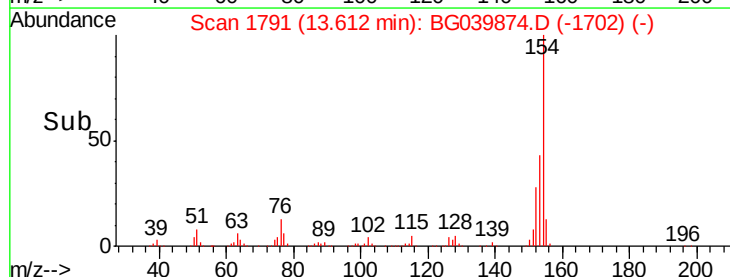
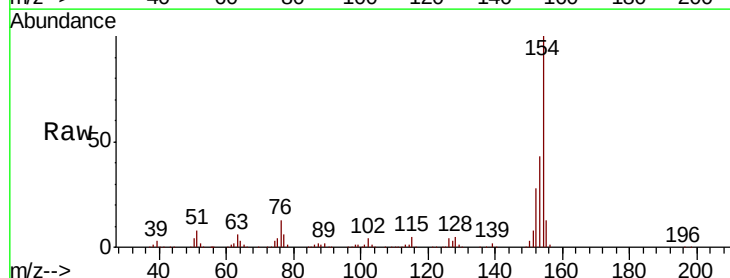
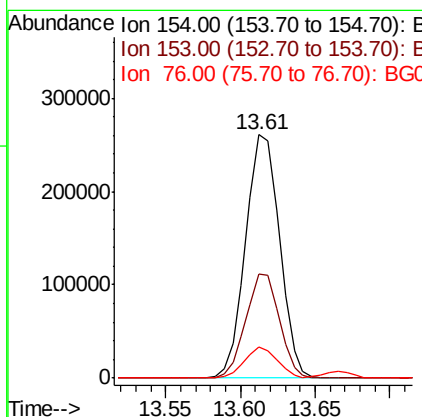
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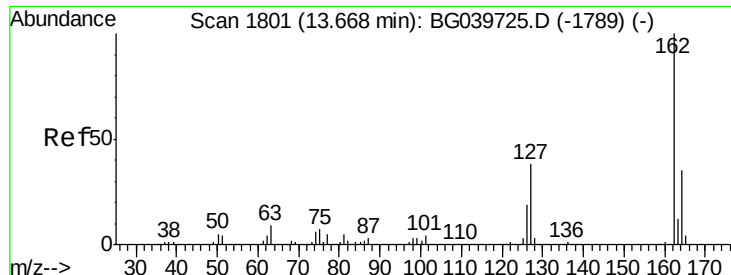
Sohil
3/13/2019 5:49:22 PM



#46
1,1'-Biphenyl
Concen: 39.415 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	12.8	0.0	32.4





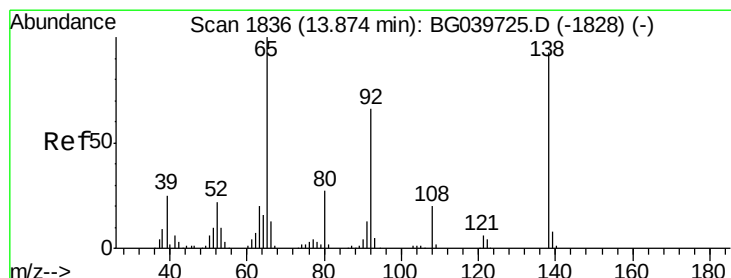
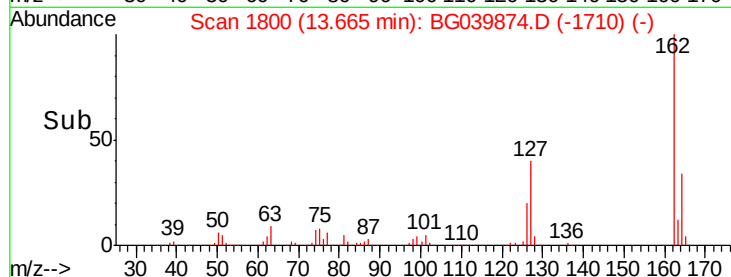
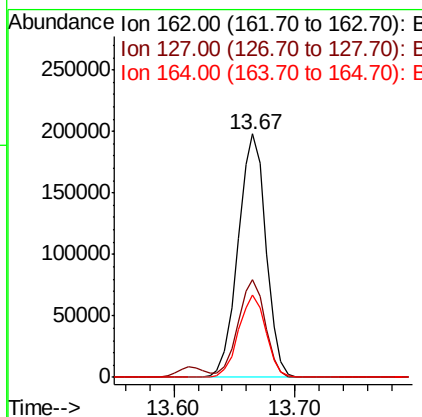
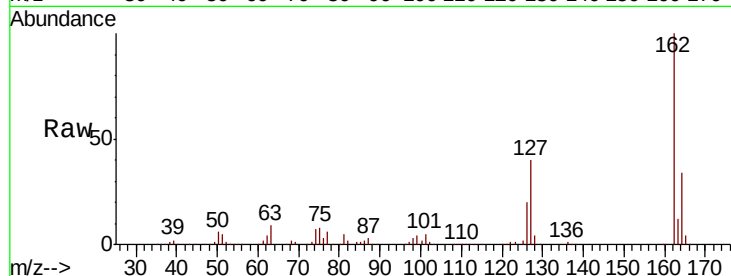
#47
 2-Chloronaphthalene
 Concen: 40.471 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.0	46.6
164	33.7	25.7	38.5

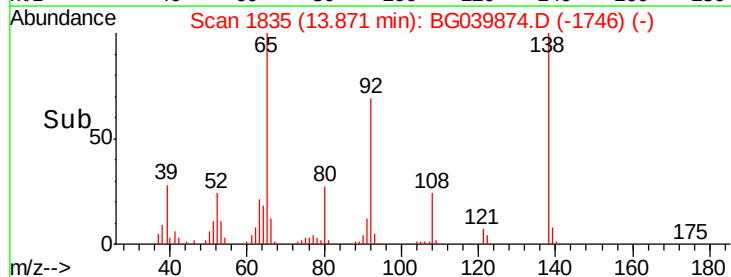
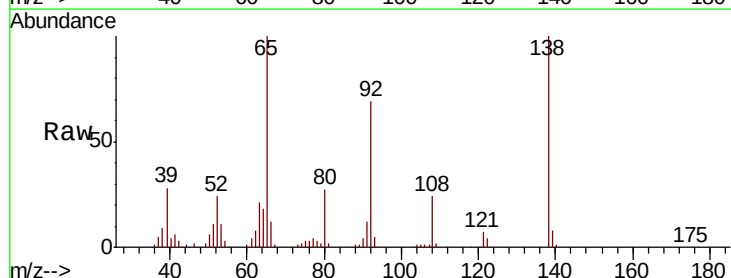
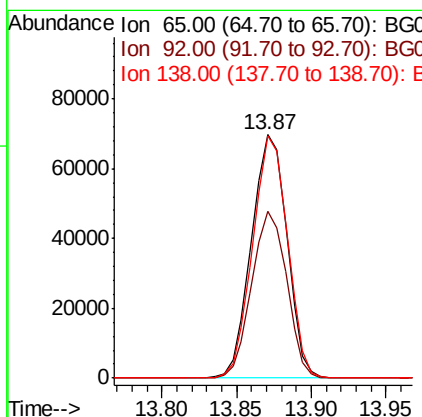
Manual Integrations
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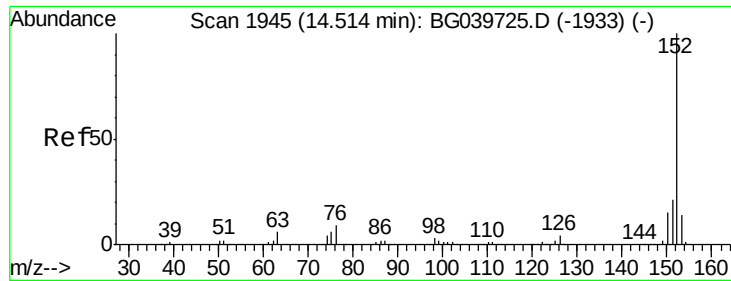
Sohil
 3/13/2019 5:49:22 PM



#48
 2-Nitroaniline
 Concen: 45.555 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	51.4	77.2
138	99.7	71.4	107.2





#49

Acenaphthylene

Concen: 40.599 ng

RT: 14.51 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

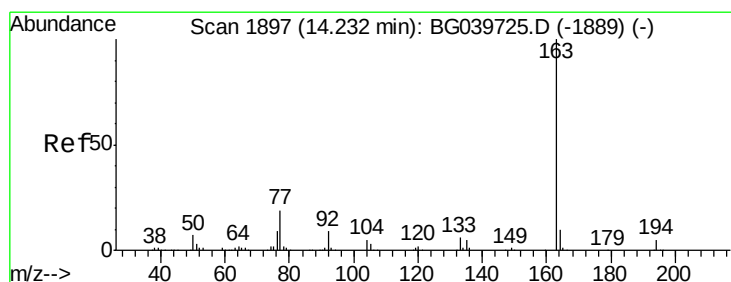
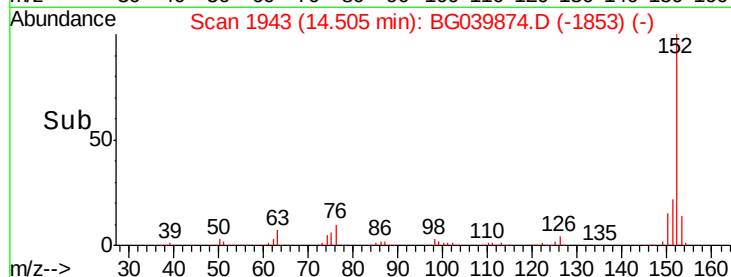
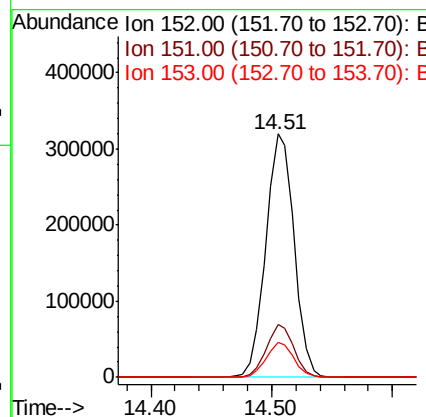
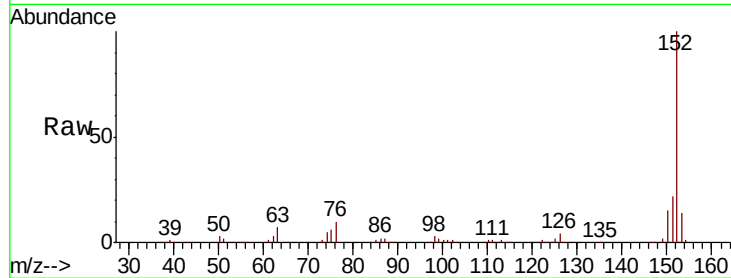
ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:	152	Resp:	522462
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	14.3	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.017 ng

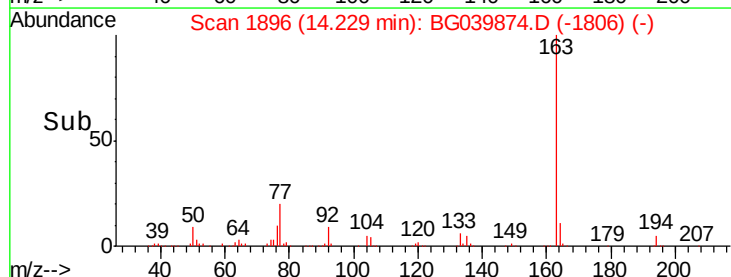
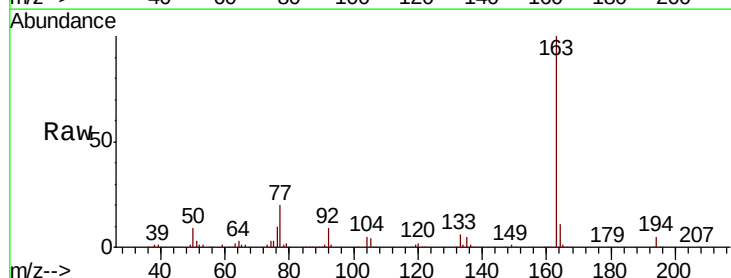
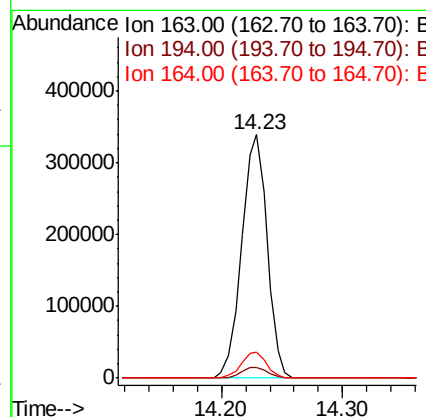
RT: 14.23 min Scan# 1896

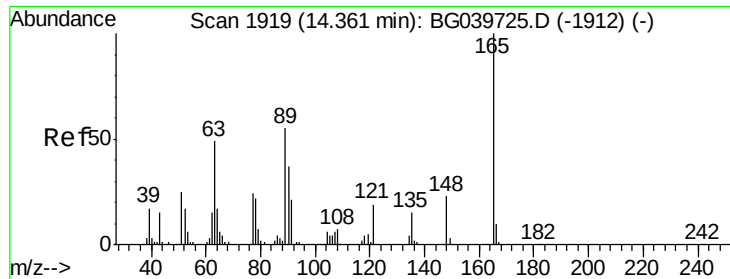
Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	163	Resp:	498101
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.7	8.4	12.6





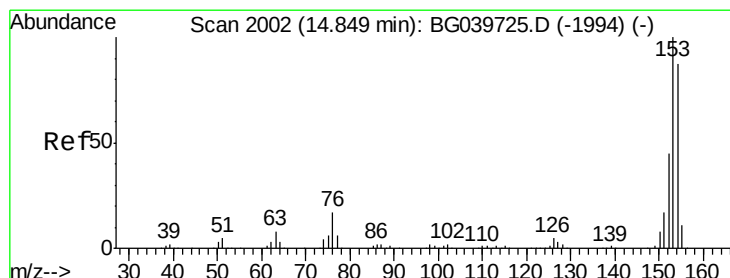
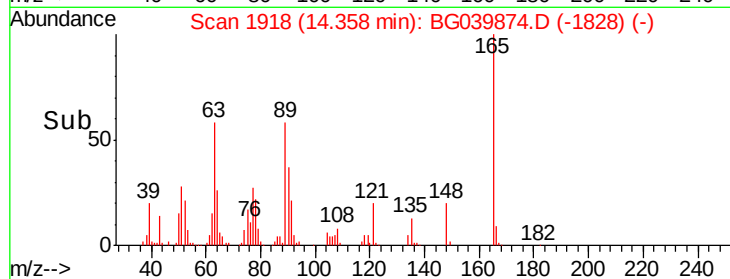
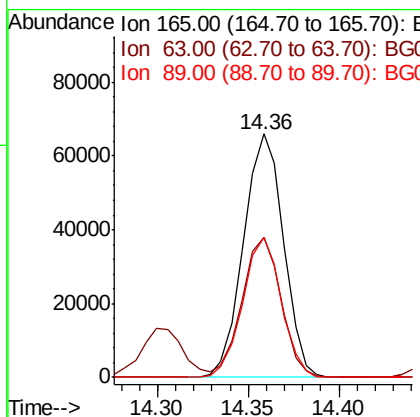
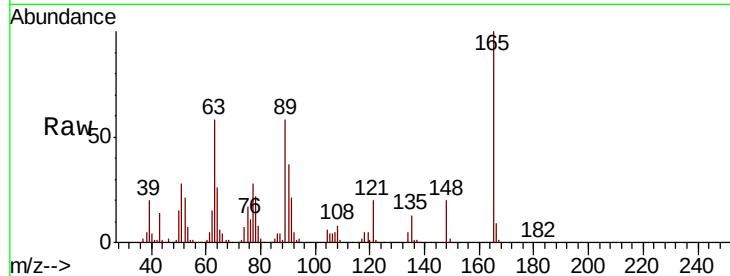
#51
 2,6-Dinitrotoluene
 Concen: 44.896 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100833		
63	57.6		47.0	70.6
89	57.6		45.8	68.8

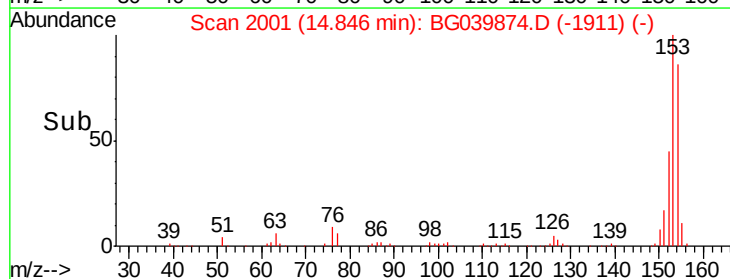
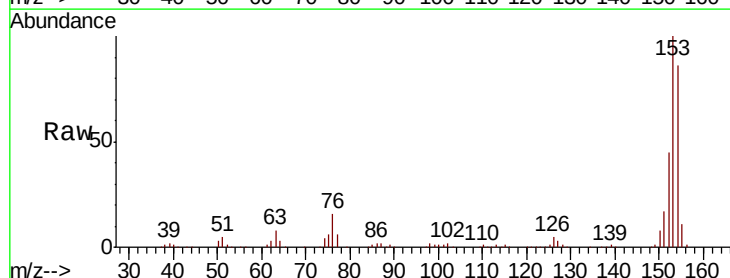
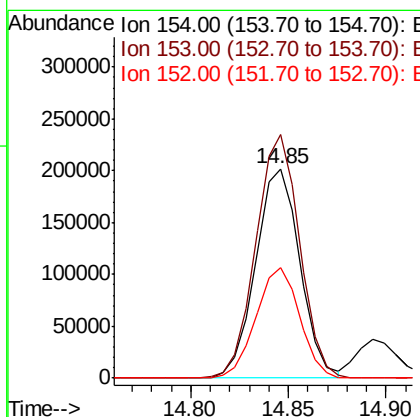
Manual Integrations
 APPROVED

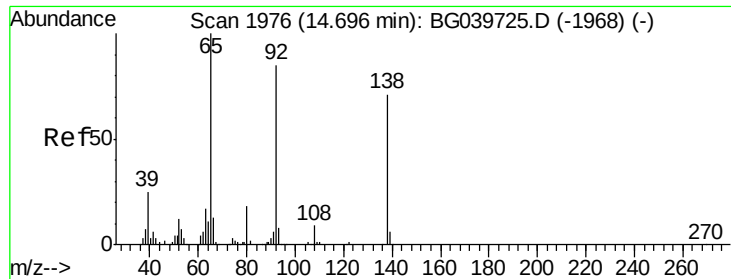
Sohil
 3/13/2019 5:49:22 PM



#52
 Acenaphthene
 Concen: 40.999 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	317555		
153	116.1		90.1	135.1
152	52.6		40.9	61.3





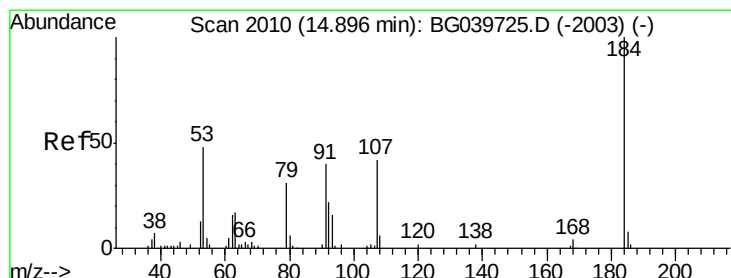
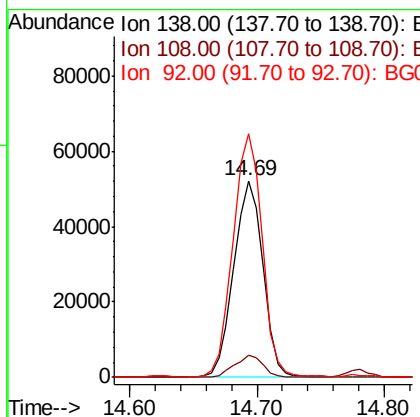
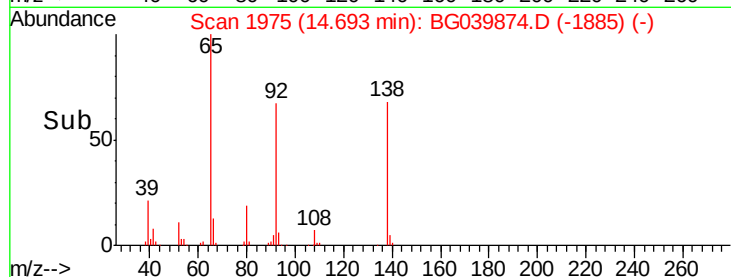
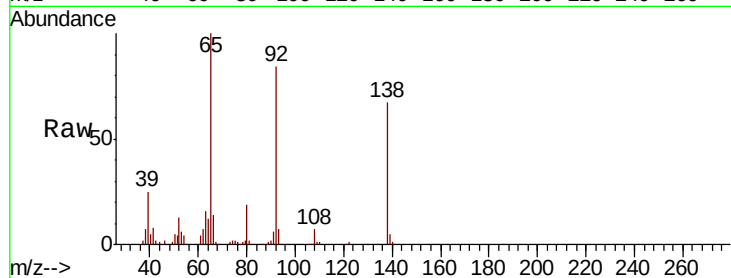
#53
3-Nitroaniline
Concen: 36.703 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion:138 Resp: 82861
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 124.0 103.7 155.5

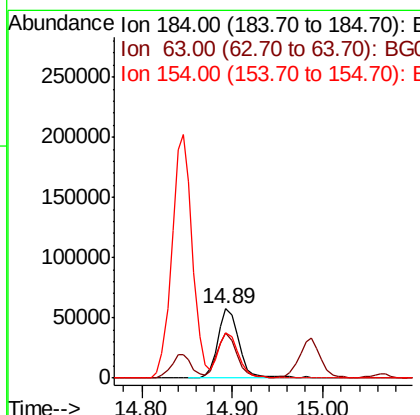
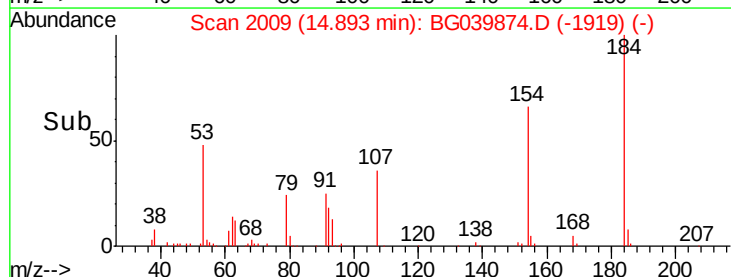
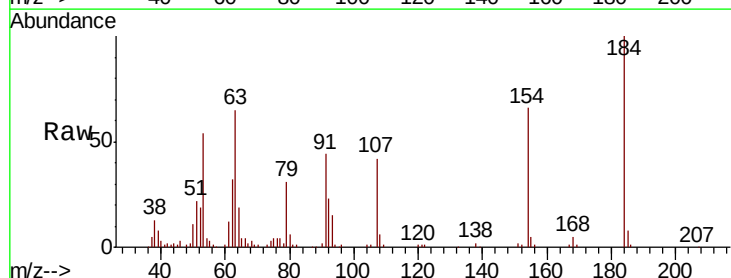
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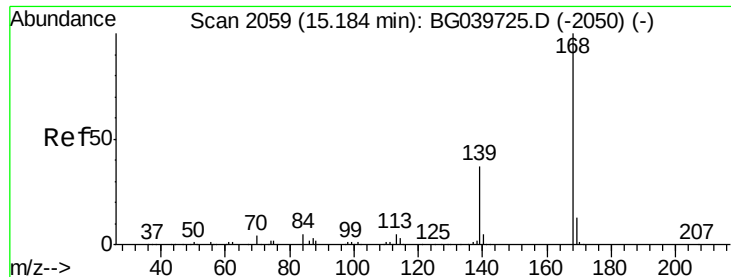
Sohil
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#54
2,4-Dinitrophenol
Concen: 67.249 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion:184 Resp: 93978
Ion Ratio Lower Upper
184 100
63 64.9 50.9 76.3
154 65.6 53.0 79.6





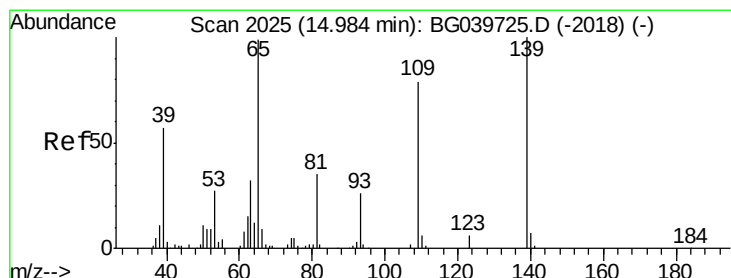
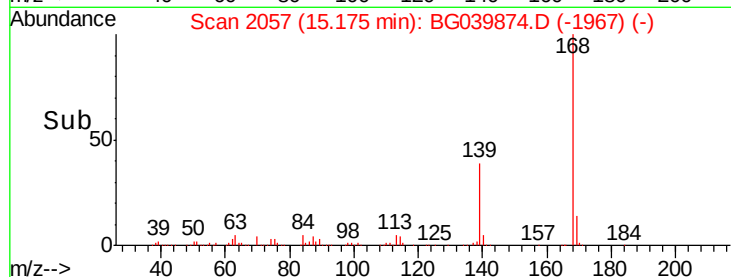
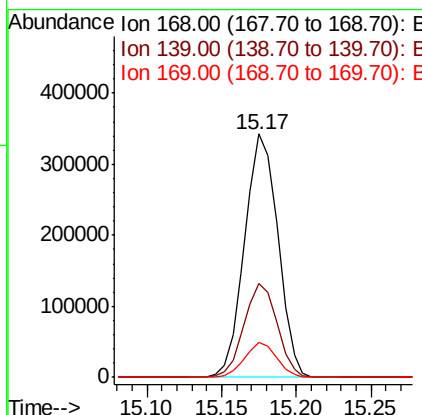
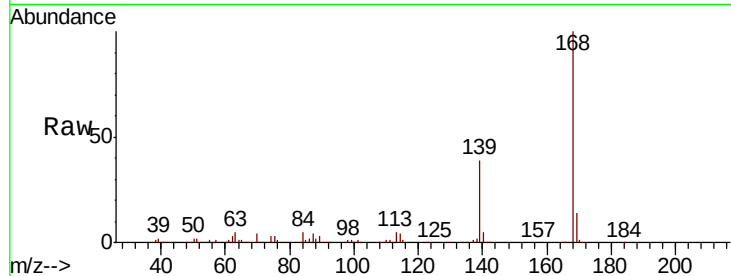
#55
Dibenzofuran
Concen: 41.643 ng
RT: 15.17 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	529194		
139	38.8	30.1	45.1	
169	14.2	10.6	16.0	

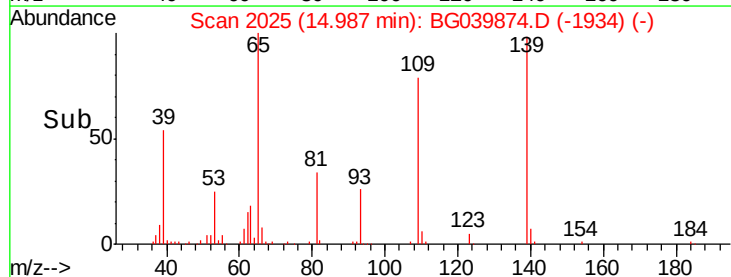
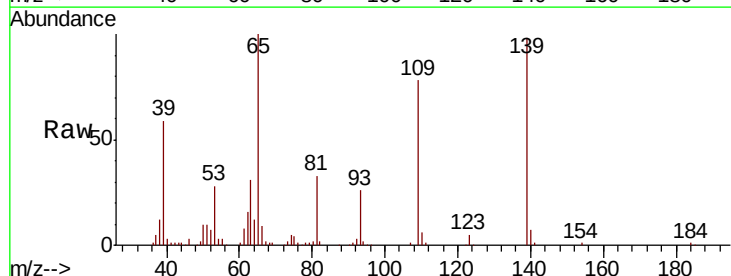
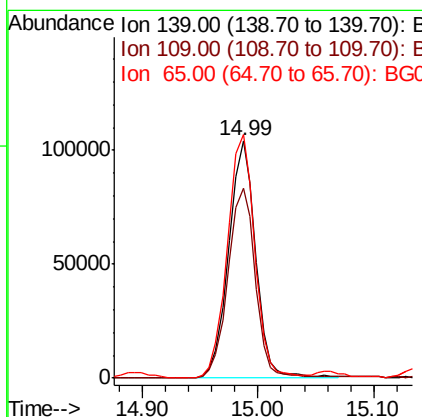
Manual Integrations
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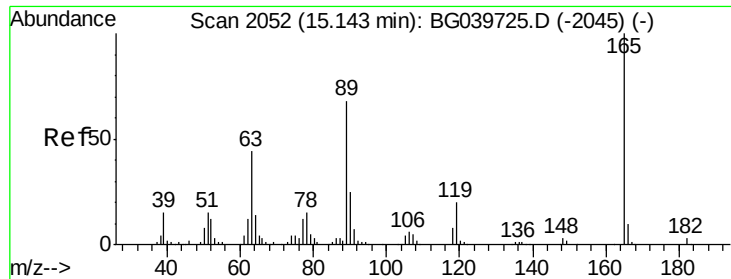
Sohil
3/13/2019 5:49:22 PM



#56
4-Nitrophenol
Concen: 83.554 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	168744		
109	80.0	61.9	101.9	
65	102.6	99.1	139.1	





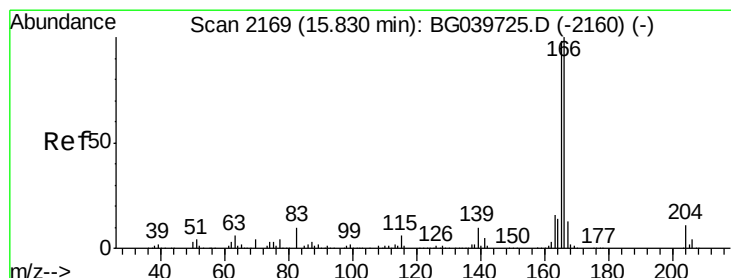
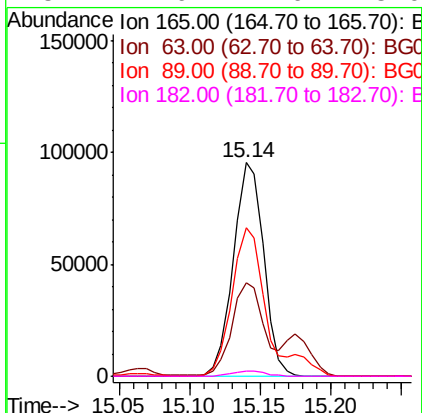
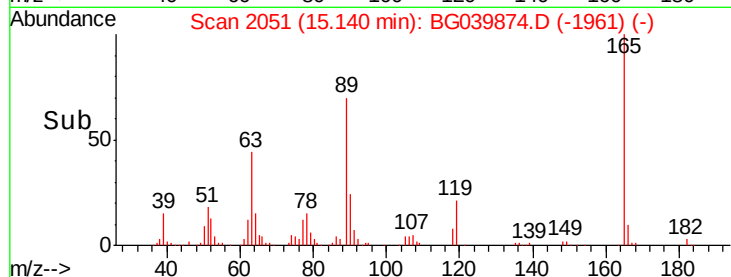
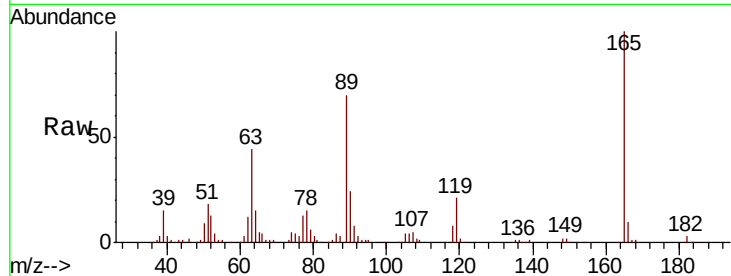
#57
2,4-Dinitrotoluene
Concen: 45.217 ng
RT: 15.14 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	43.5		41.0	61.6	
89	69.5		64.6	96.8	
182	2.6		2.0	3.0	

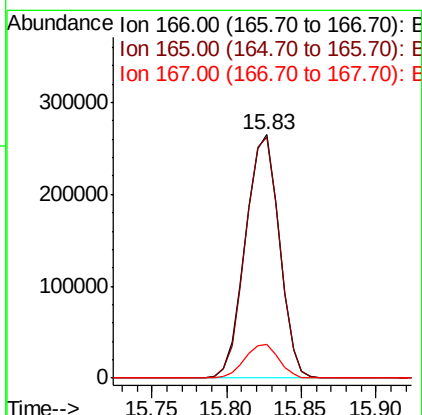
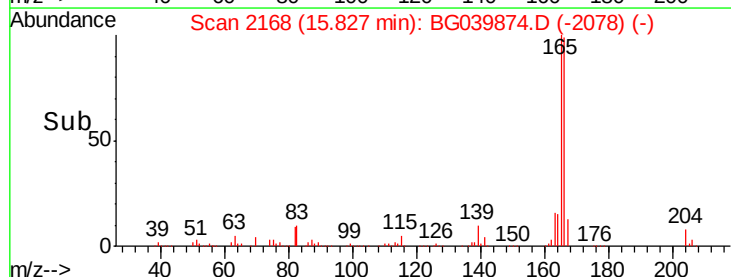
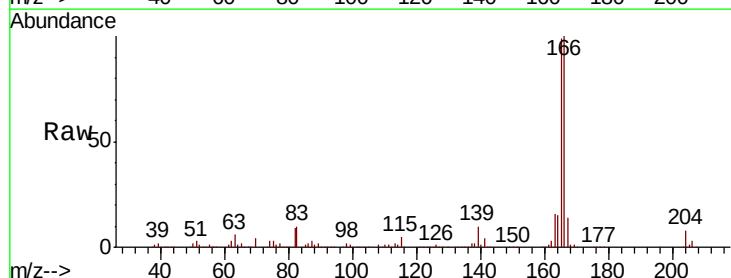
Manual Integrations
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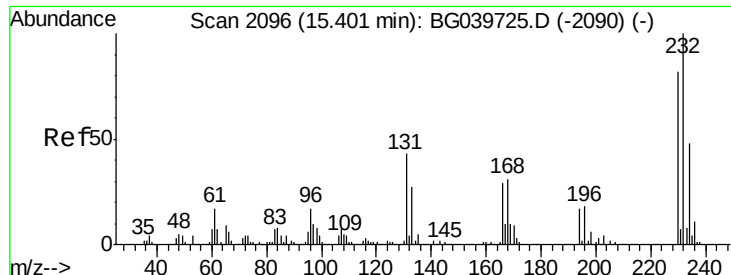
Sohil
3/13/2019 5:49:22 PM



#58
Fluorene
Concen: 41.519 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.0		77.9	116.9	
167	13.8		10.8	16.2	





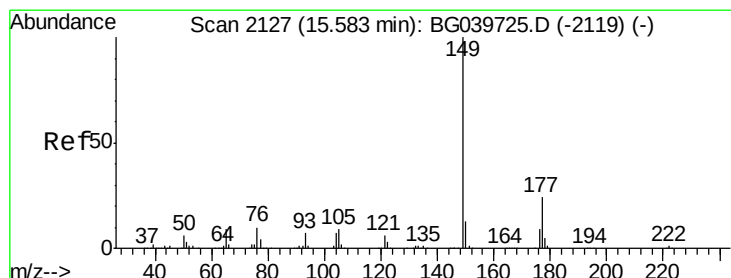
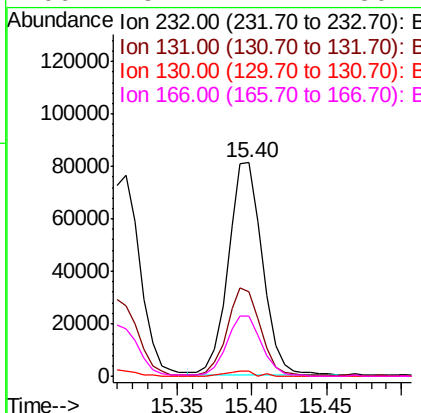
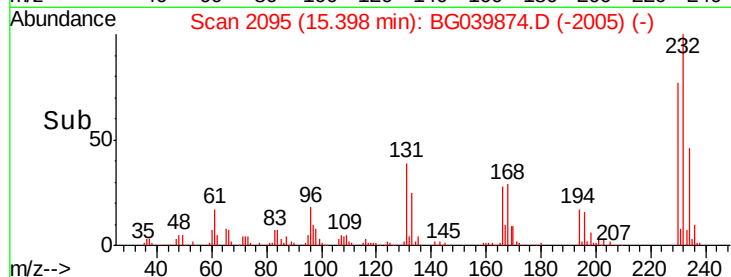
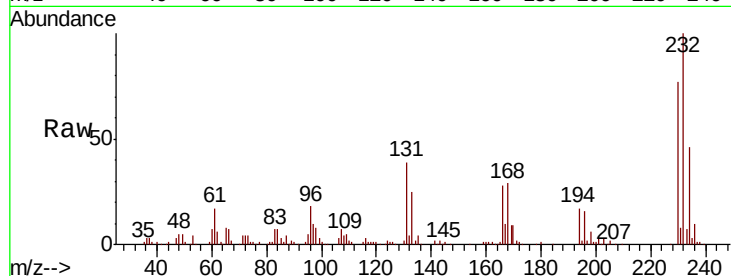
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.831 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	41.1	34.9	52.3		
130	2.2	2.0	3.0		
166	28.7	24.1	36.1		

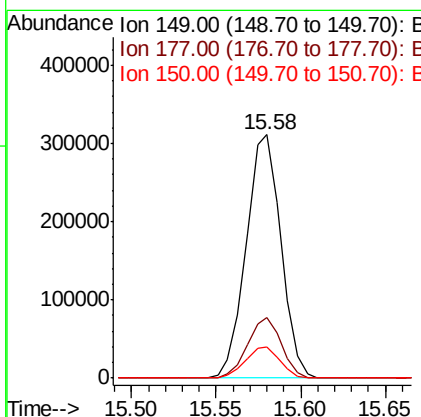
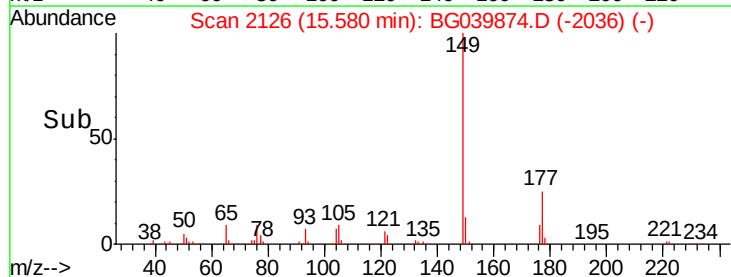
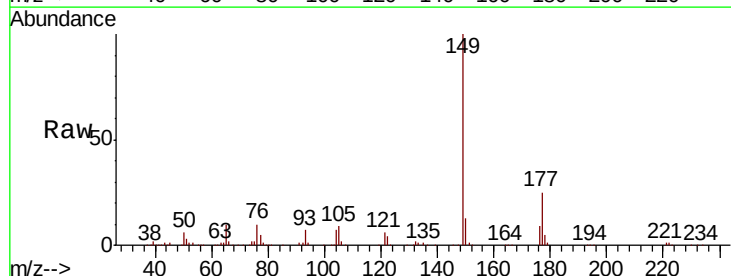
Manual Integrations
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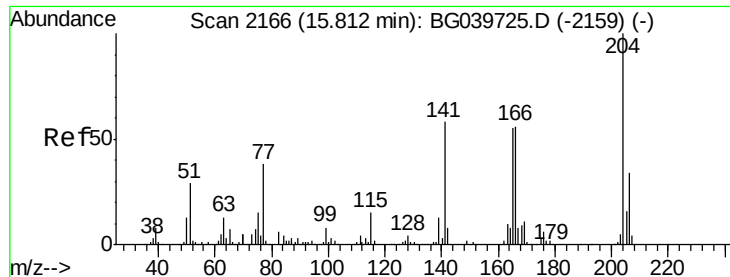
Sohil
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#60
 Diethylphthalate
 Concen: 42.429 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.7	18.3	27.5		
150	12.6	10.2	15.2		





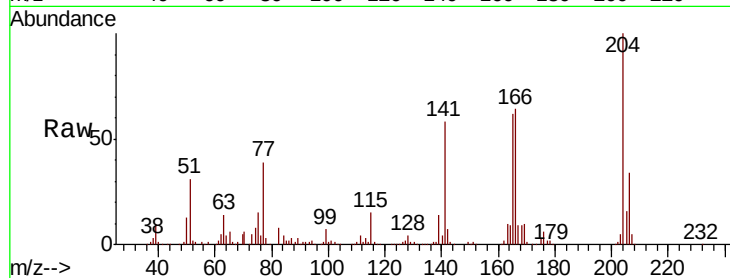
#61
4-Chlorophenyl-phenylether
Concen: 41.423 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	29.2	43.8
141	57.8	49.0	73.4

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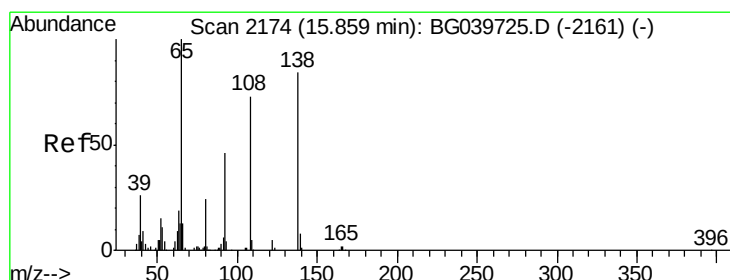
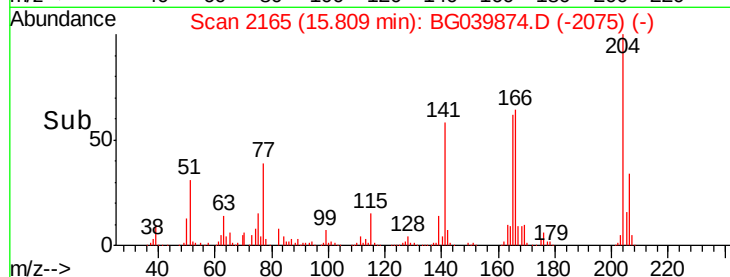
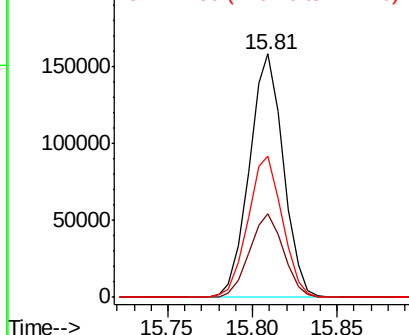


Abundance

Ion 204.00 (203.70 to 204.70): E

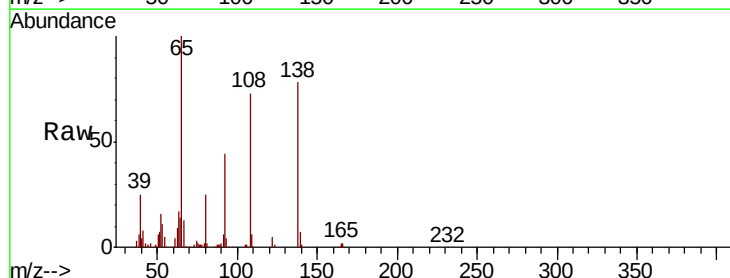
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.275 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	93.4	74.6	114.6

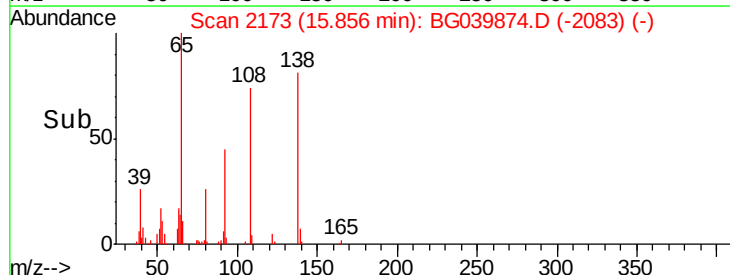
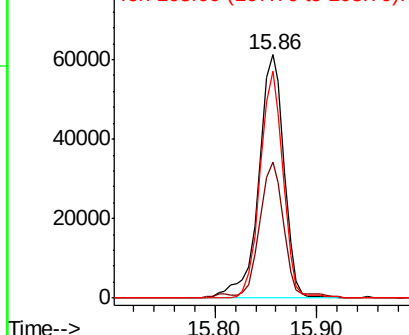


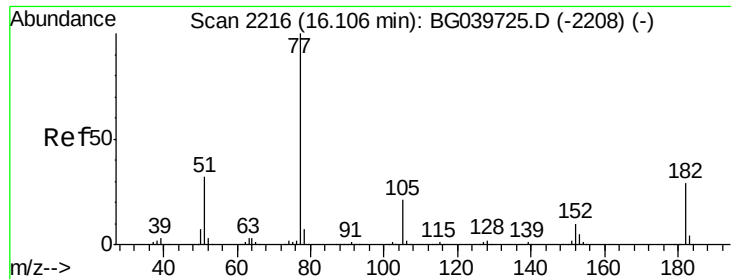
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





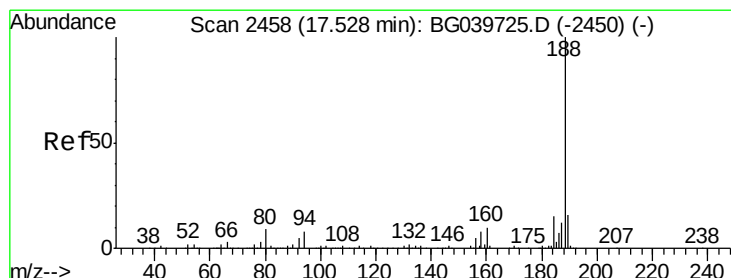
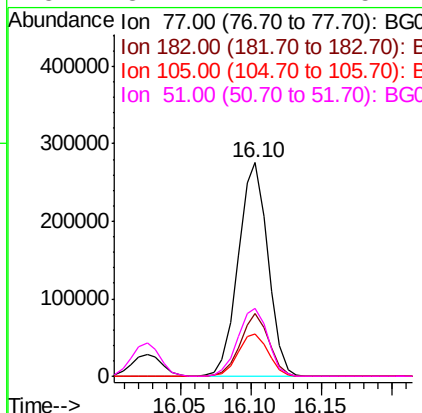
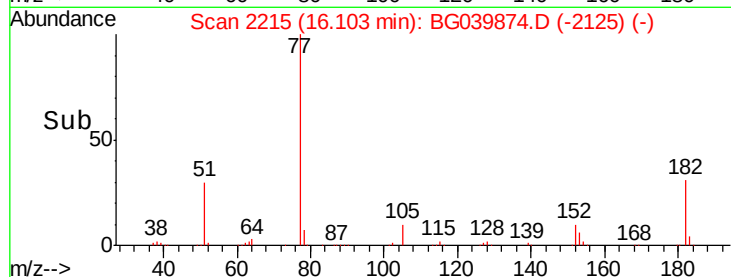
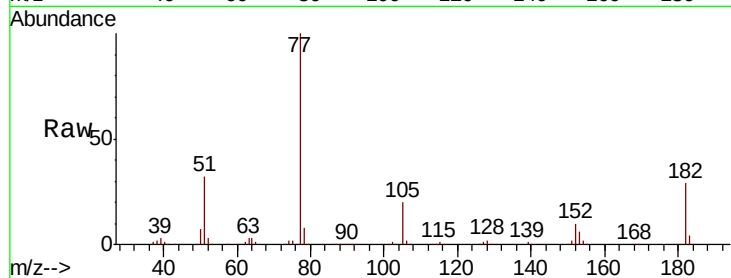
#63
Azobenzene
Concen: 42.518 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.2	6.4	46.4	
105	20.1	0.0	39.8	
51	32.1	14.1	54.1	

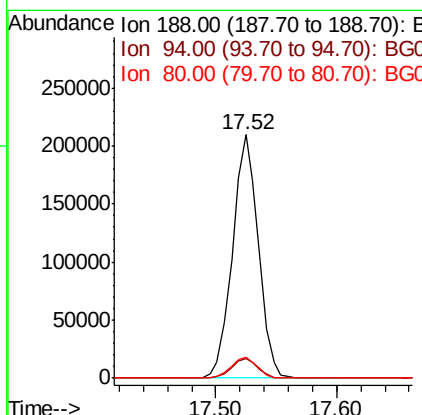
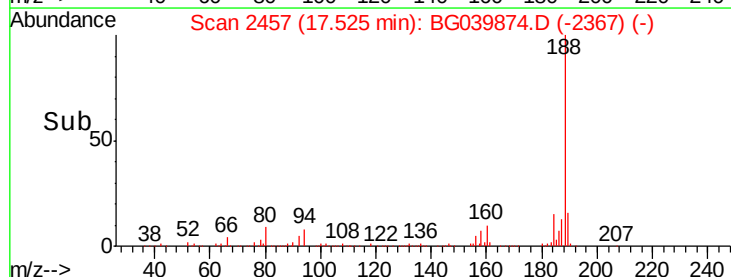
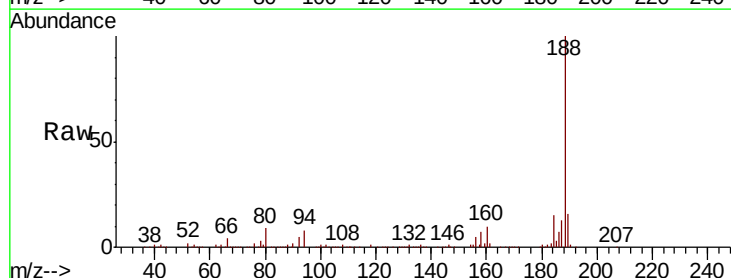
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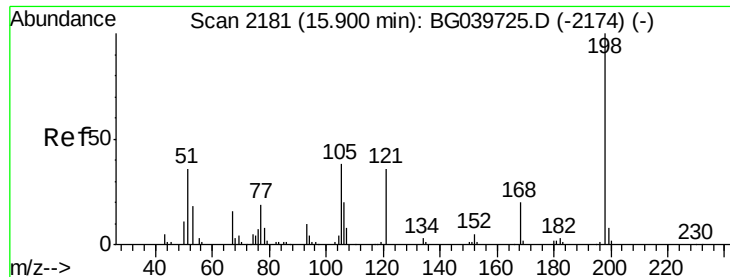
Sohil
3/13/2019 5:49:22 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.9	10.3	
80	8.6	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.196 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

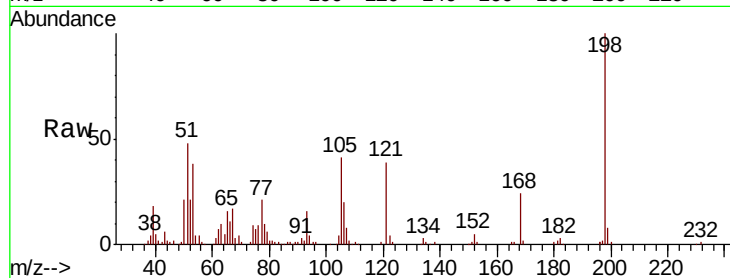
ClientSampleId :

BALLFIELD-SS-03072019MS

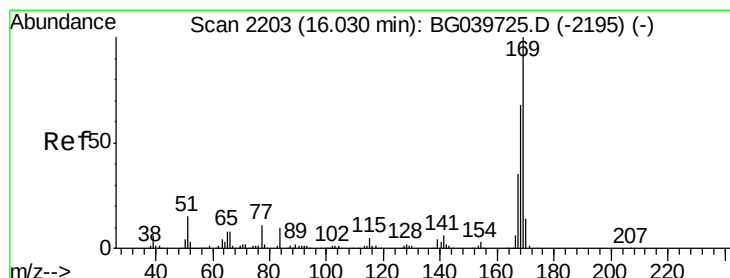
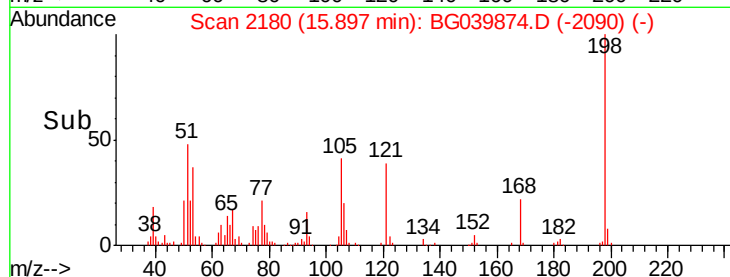
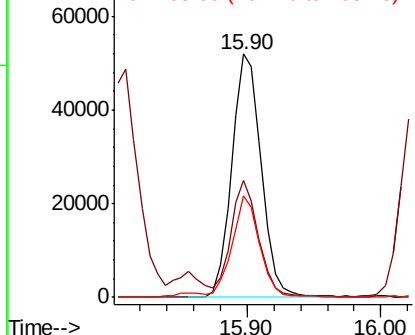
Tot Ion:	198	Resp:	79457
Ion Ratio	Lower	Upper	
198	100		
51	48.3	27.4	67.4
105	41.5	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.347 ng

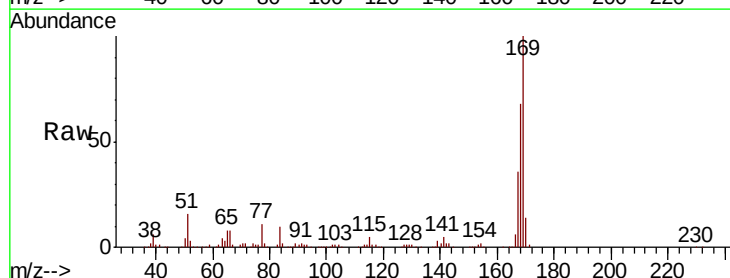
RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

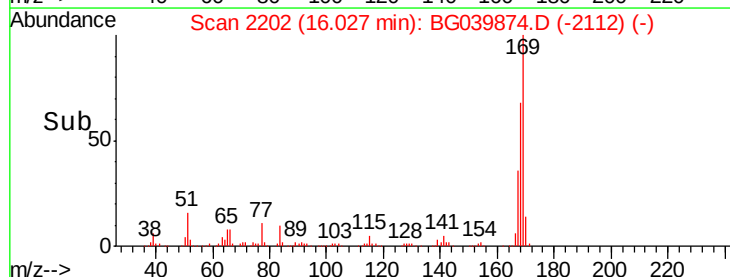
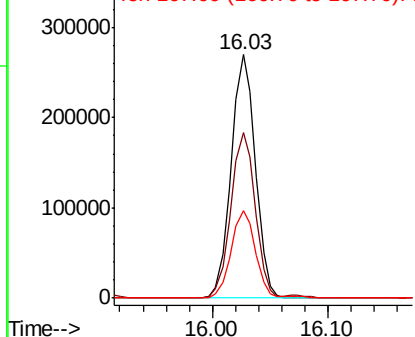
Lab File: BG039874.D

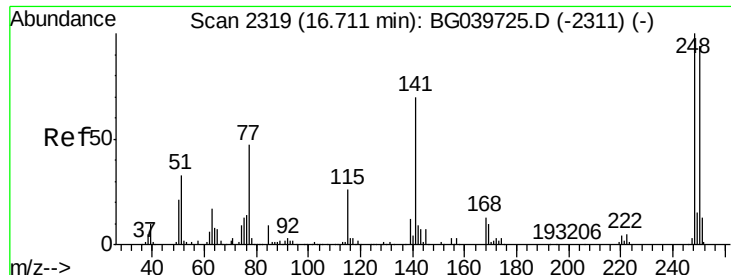
Acq: 12 Mar 2019 14:56

Tgt Ion:	169	Resp:	390405
Ion Ratio	Lower	Upper	
169	100		
168	68.2	56.6	85.0
167	36.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.867 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

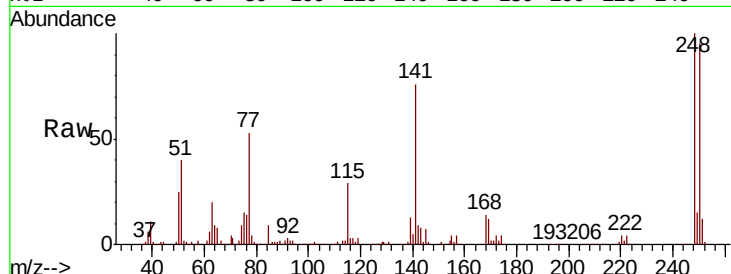
ClientSampled :

BALLFIELD-SS-03072019MS

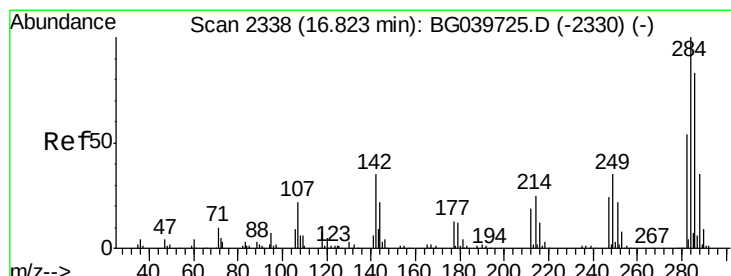
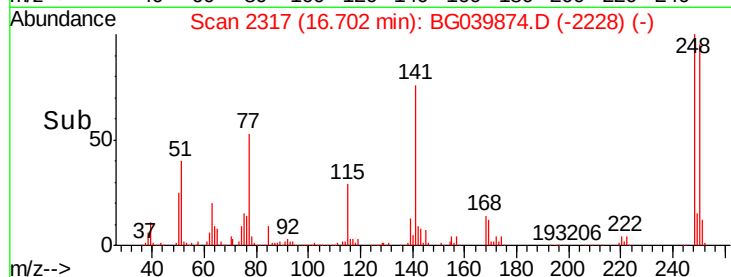
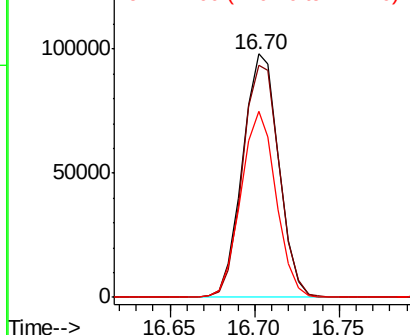
Tot Ion:	248	Resp:	145793
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.6	116.4
141	76.5	63.9	95.9

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.065 ng

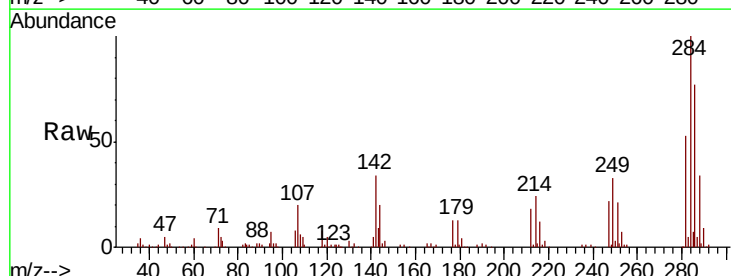
RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

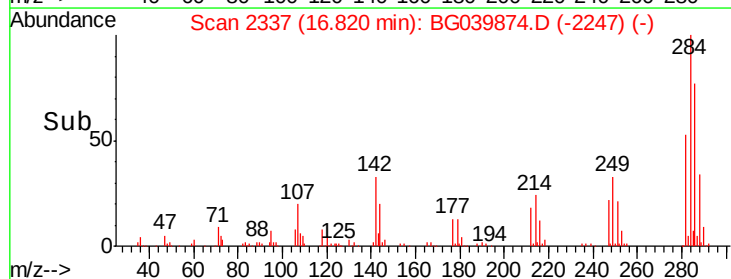
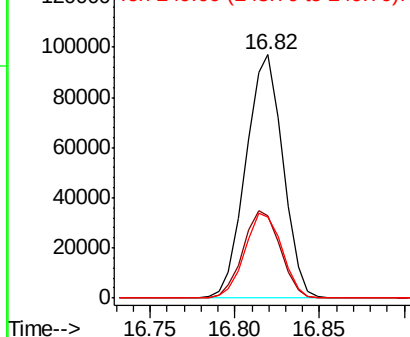
Lab File: BG039874.D

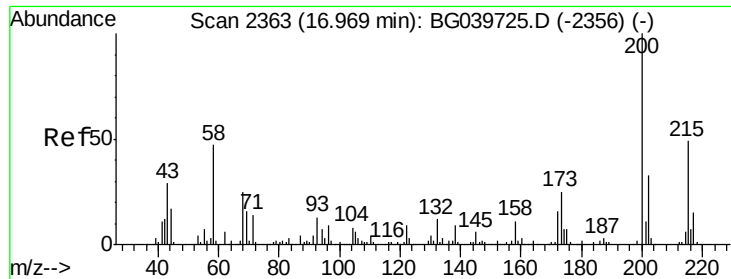
Acq: 12 Mar 2019 14:56

Tgt Ion:	284	Resp:	148228
Ion Ratio	Lower	Upper	
284	100		
142	34.0	30.6	45.8
249	33.5	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





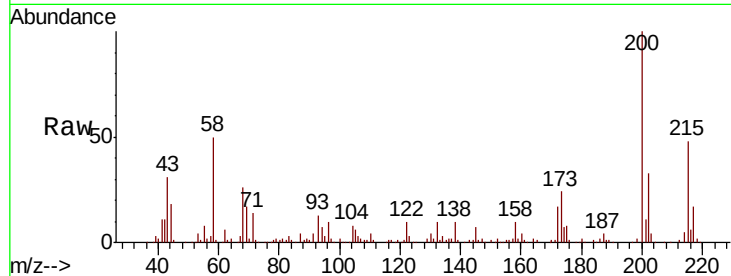
#69
Atrazine
Concen: 43.493 ng
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

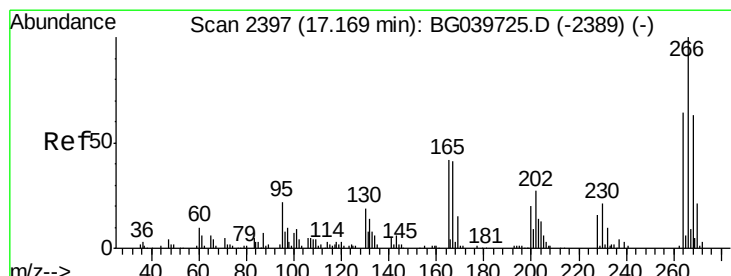
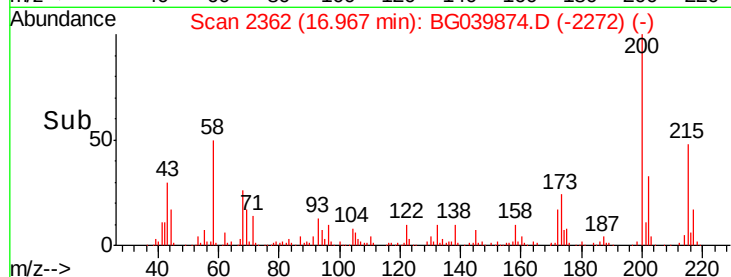
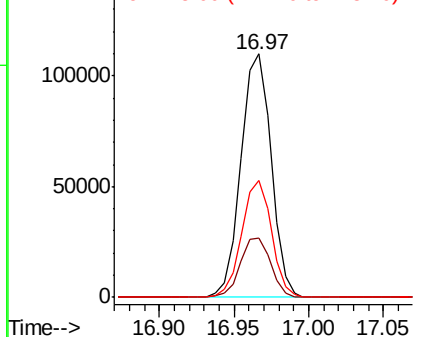
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	3.9	43.9
215	48.1	30.9	70.9

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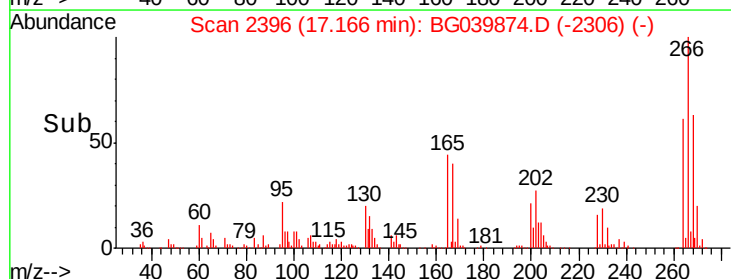
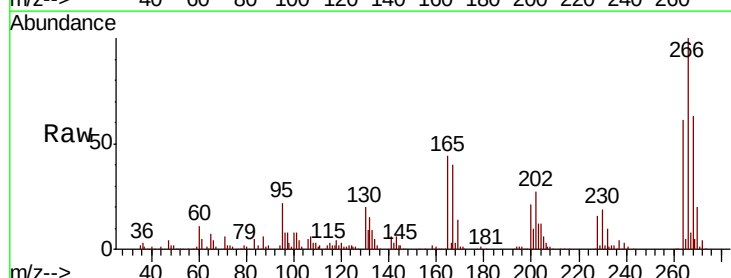
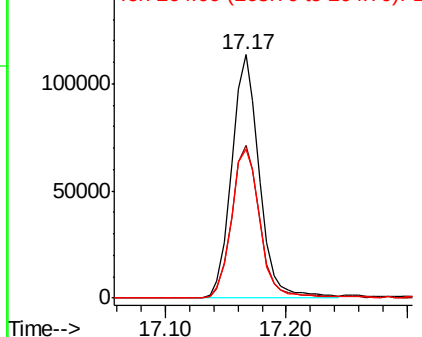
Abundance Ion 200.00 (199.70 to 200.70): E
150000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

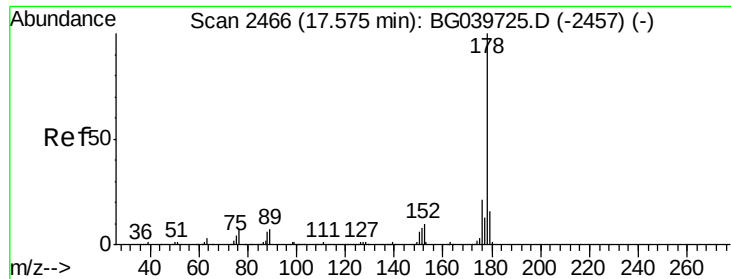


#70
Pentachlorophenol
Concen: 79.472 ng
RT: 17.17 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.0	52.1	78.1

Abundance Ion 265.70 (265.40 to 266.40): E
150000
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





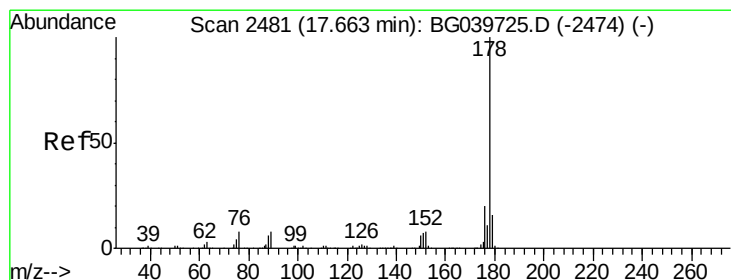
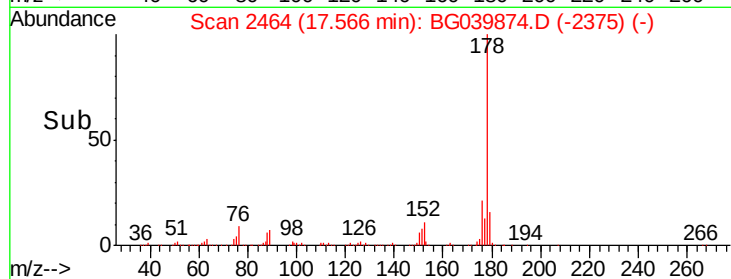
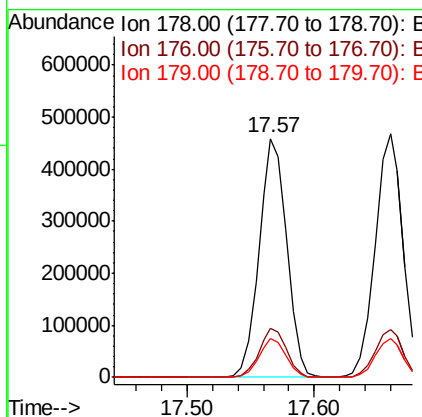
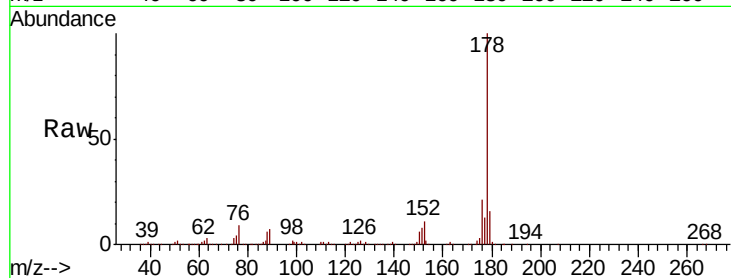
#71
Phenanthrene
Concen: 40.646 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.2	12.6	19.0

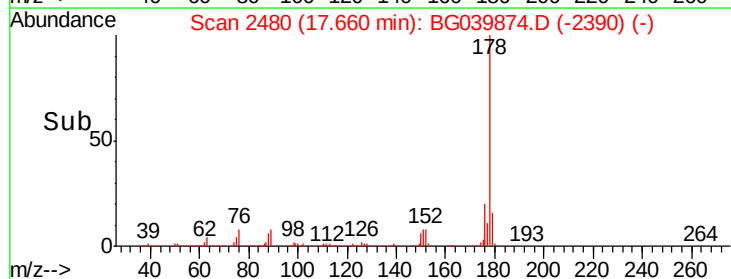
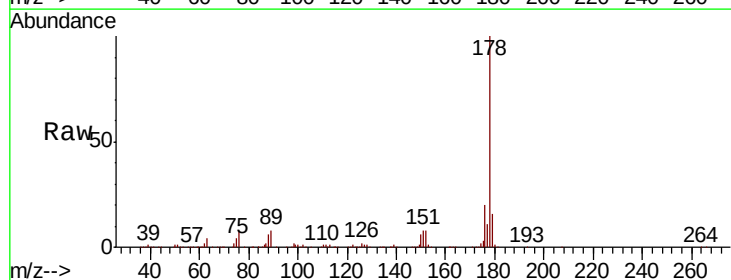
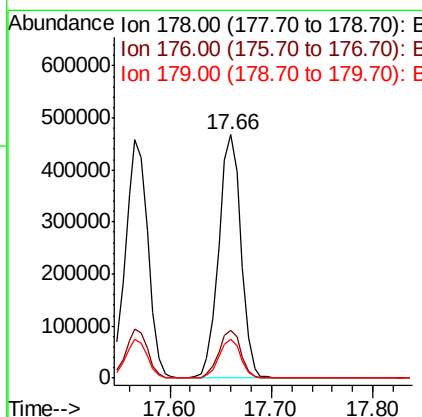
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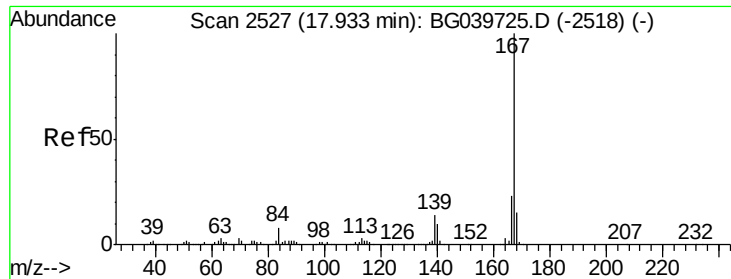
Sohil
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#72
Anthracene
Concen: 42.609 ng
RT: 17.66 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.0	12.5	18.7





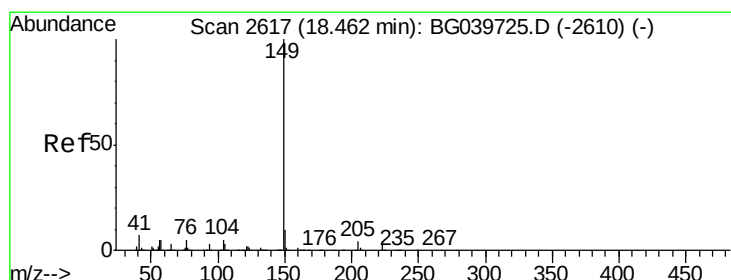
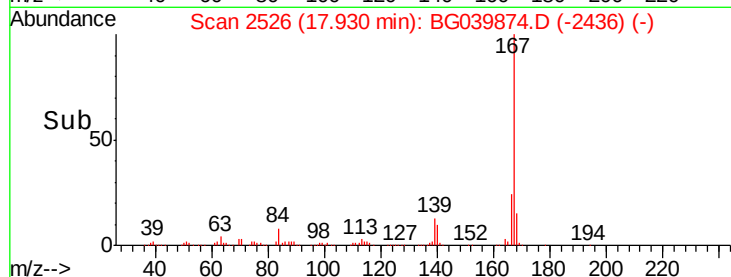
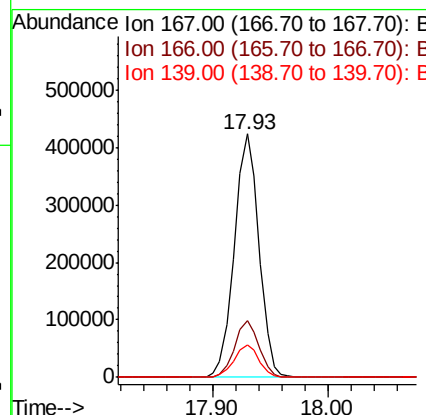
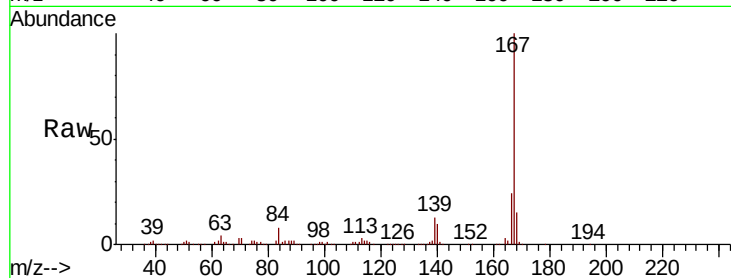
#73
 Carbazole
 Concen: 41.322 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.4	10.8	16.2

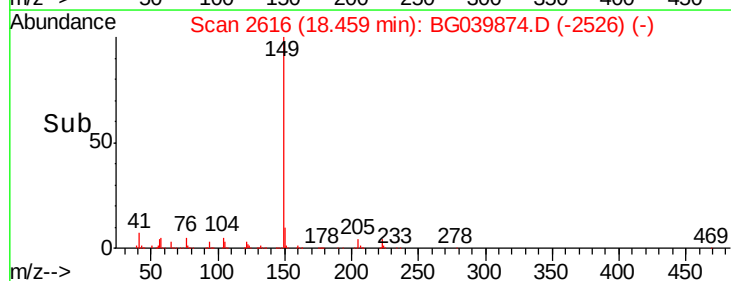
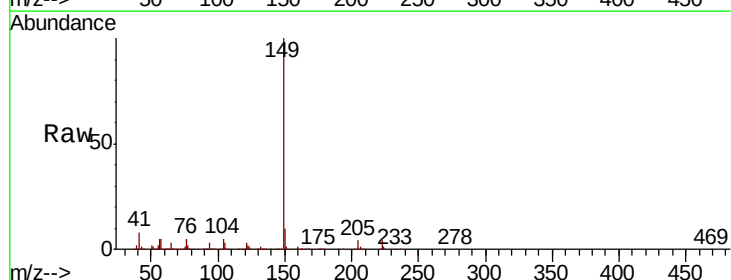
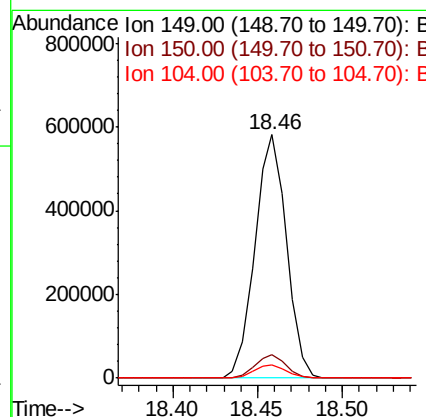
Manual Integrations
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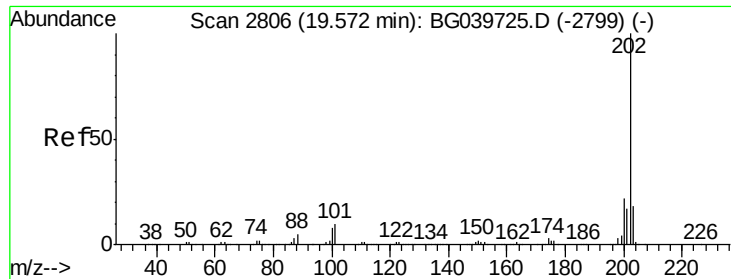
Sohil
 3/13/2019 5:49:22 PM



#74
 Di-n-butylphthalate
 Concen: 42.528 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BG039874.D
 Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 40.509 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

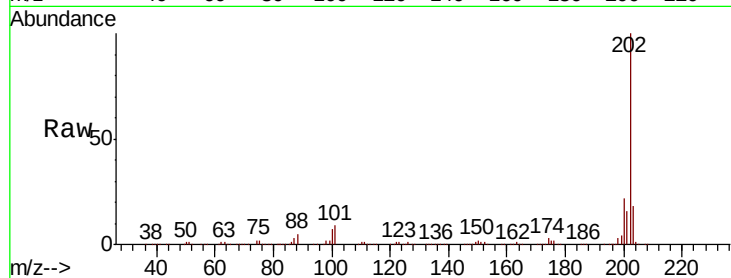
ClientSampleId :

BALLFIELD-SS-03072019MS

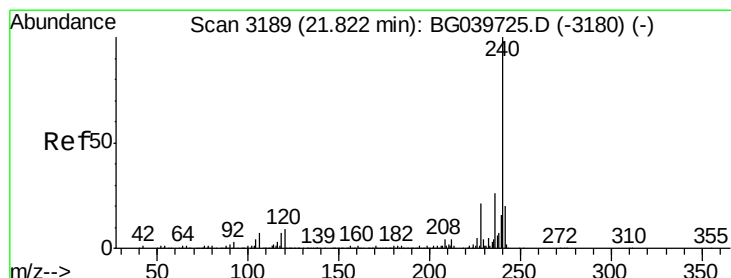
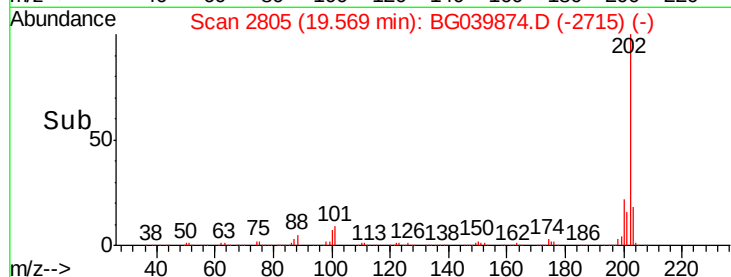
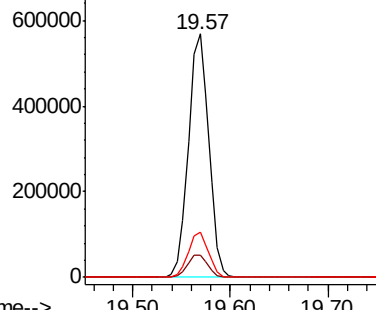
Tot Ion	Ratio	Resp	Lower	Upper
202	100	820371		
101	8.9	0.0	30.0	
203	18.5	0.0	38.9	

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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

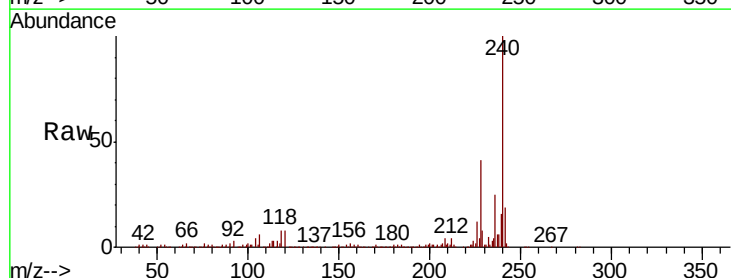
RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

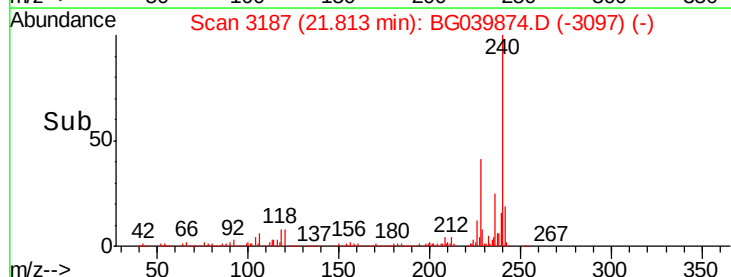
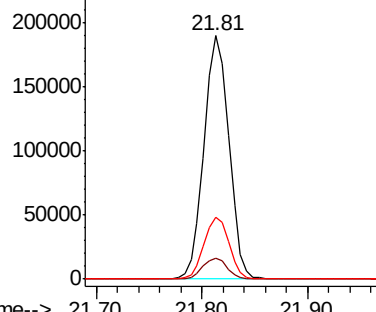
Lab File: BG039874.D

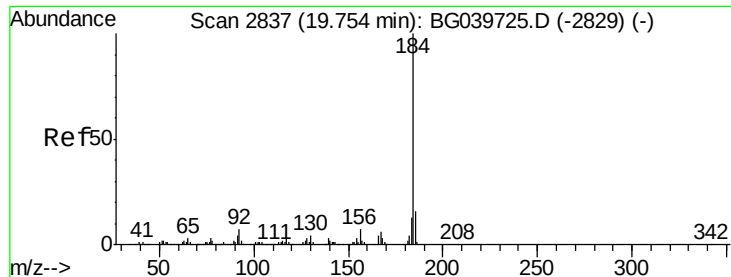
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309015		
120	8.3	7.0	10.6	
236	25.2	21.0	31.4	



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





#77

Benzidine

Concen: 2.068 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

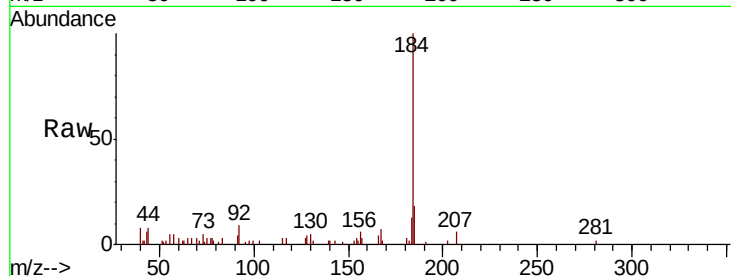
ClientSampleId :

BALLFIELD-SS-03072019MS

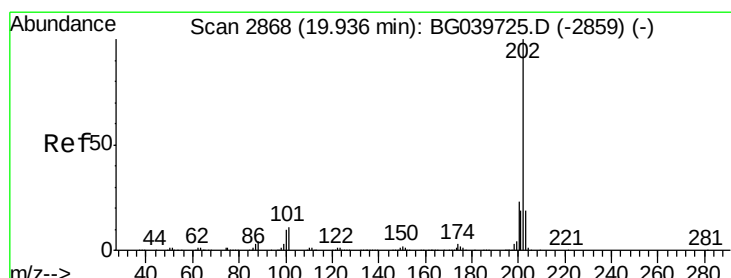
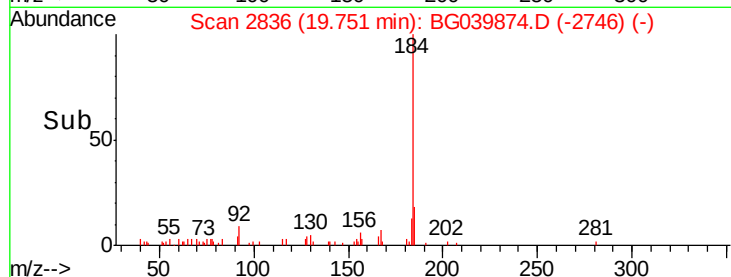
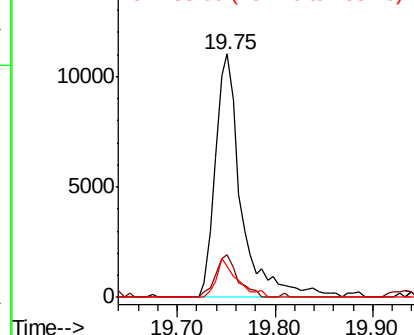
Tot Ion:	184	Resp:	20275
Ion Ratio	Lower	Upper	
184	100		
185	17.6	12.2	18.2
183	13.0	10.6	15.8

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



#78

Pyrene

Concen: 40.770 ng

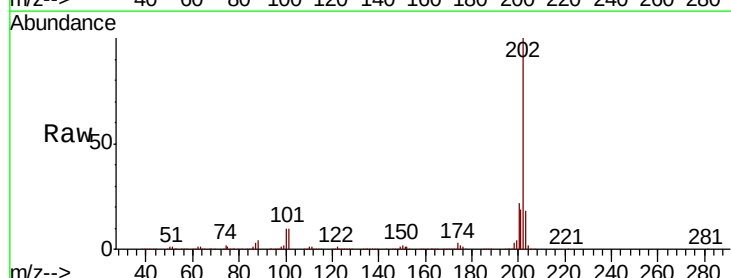
RT: 19.93 min Scan# 2867

Delta R.T. 0.00 min

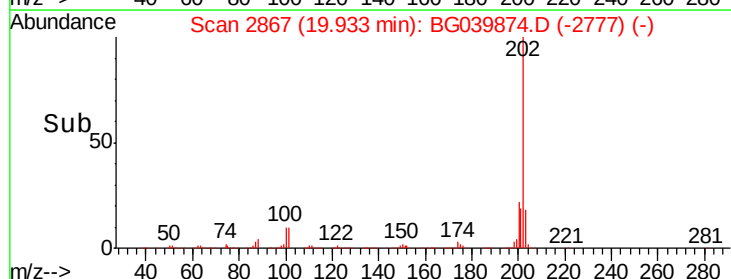
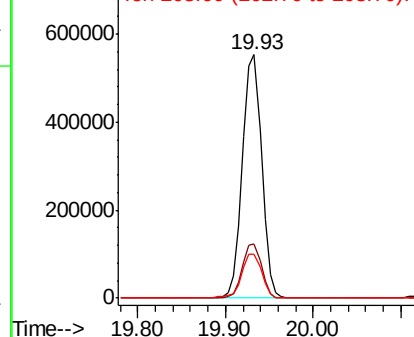
Lab File: BG039874.D

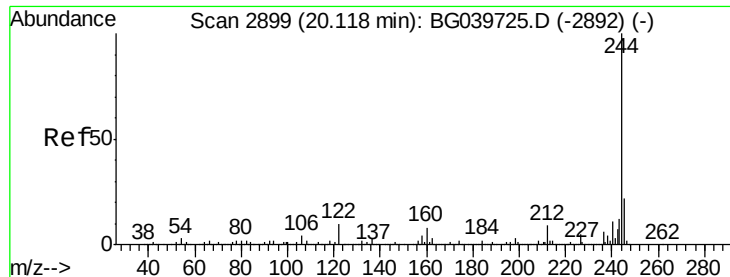
Acq: 12 Mar 2019 14:56

Tgt Ion:	202	Resp:	818652
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.8
203	18.2	15.3	22.9



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





#79

Terphenyl-d14

Concen: 80.424 ng

RT: 20.12 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:244 Resp: 1128715

Ion Ratio Lower Upper

244 100

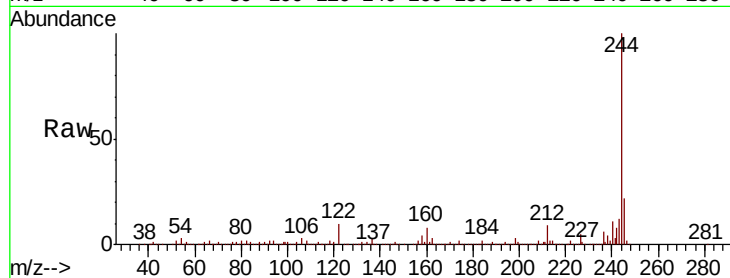
212 9.5 7.3 10.9

122 9.7 8.4 12.6

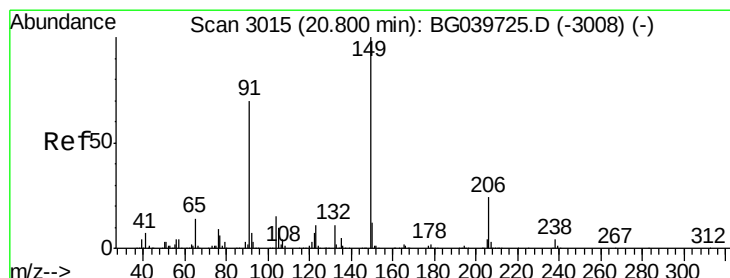
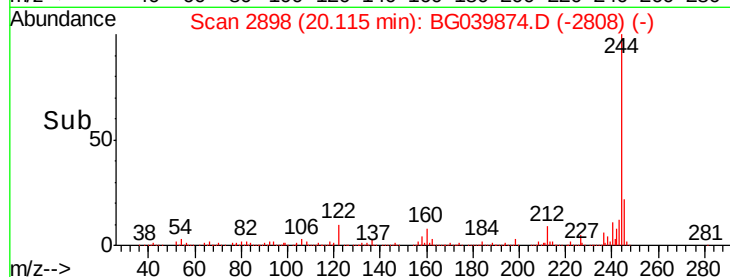
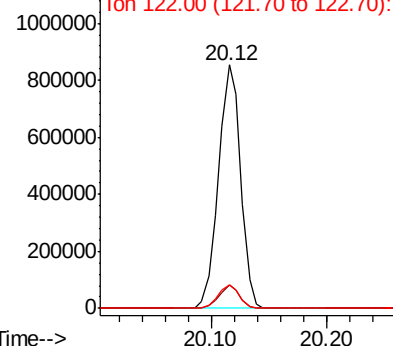
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.774 ng

RT: 20.80 min Scan# 3014

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

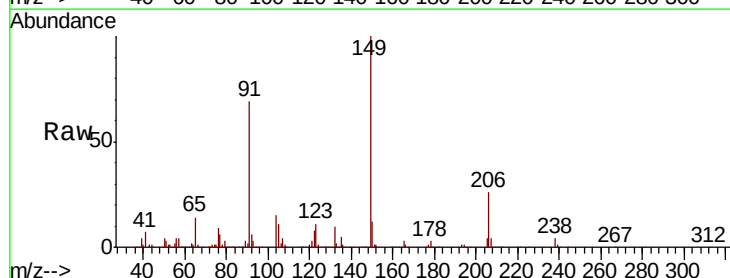
Tgt Ion:149 Resp: 348322

Ion Ratio Lower Upper

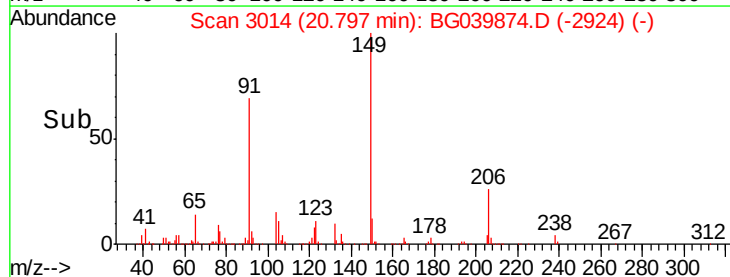
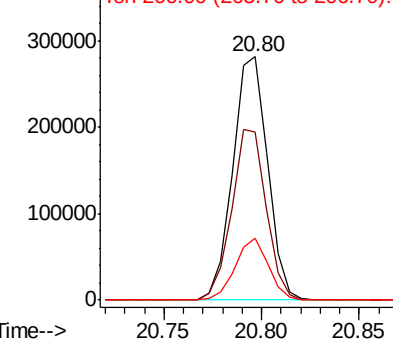
149 100

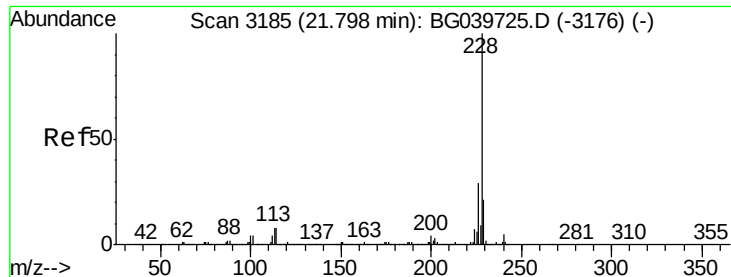
91 68.9 59.5 89.3

206 25.6 18.6 27.8



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





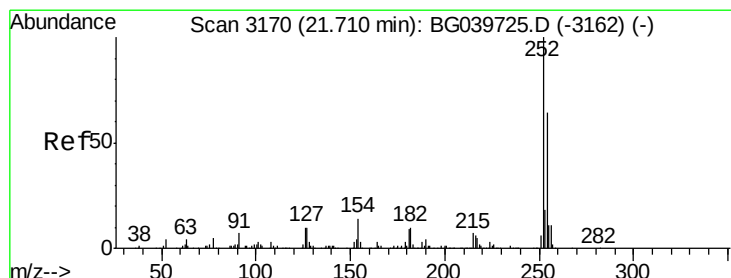
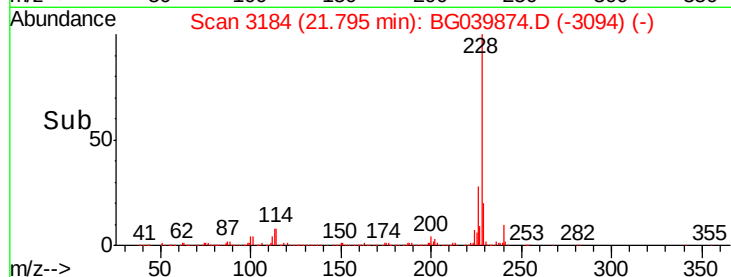
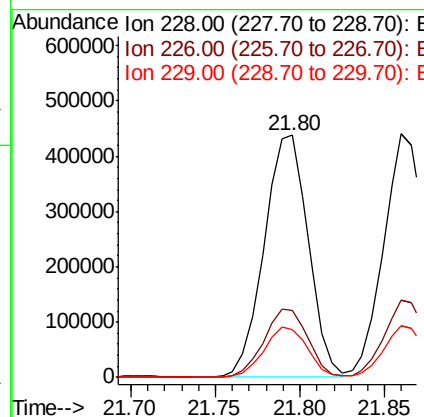
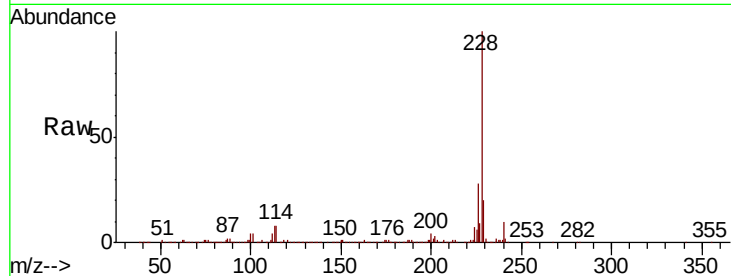
#81
Benzo(a)anthracene
Concen: 40.607 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.0	34.6
229	19.9	16.9	25.3

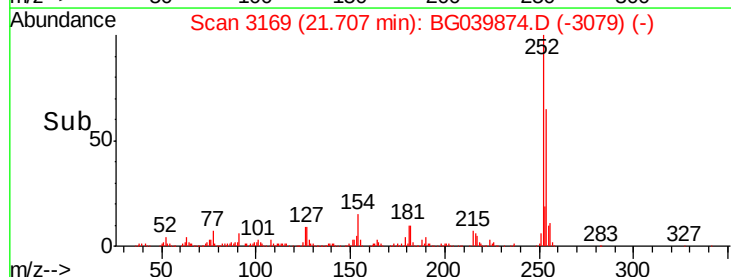
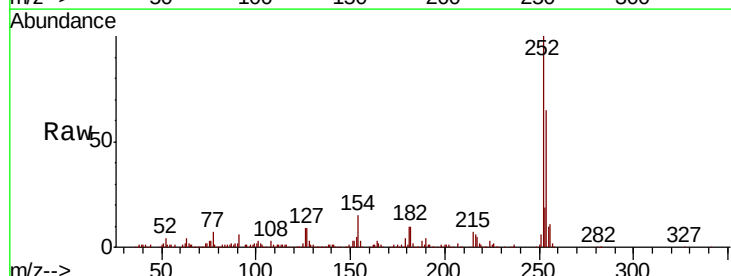
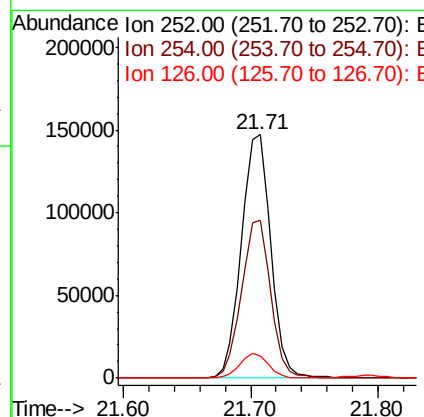
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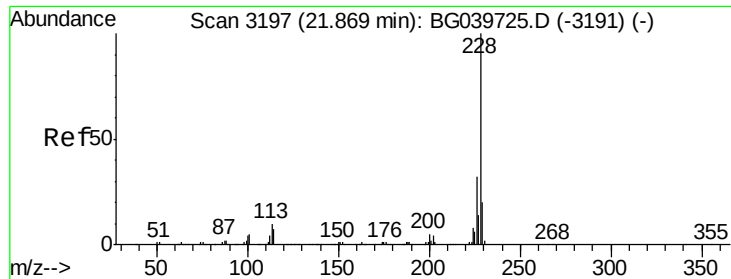
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#82
3,3'-Dichlorobenzidine
Concen: 33.514 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	9.0	8.0	12.0





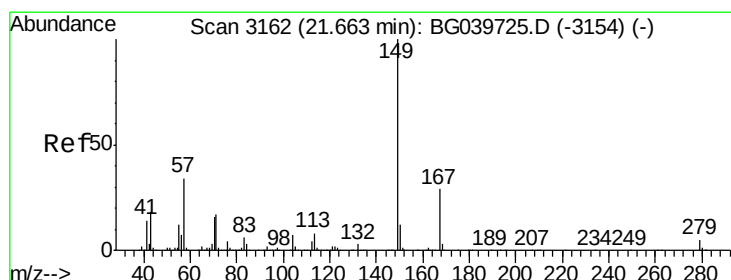
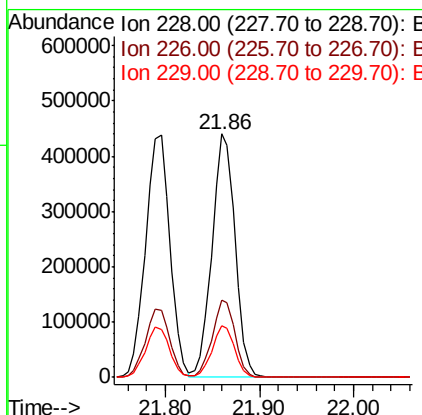
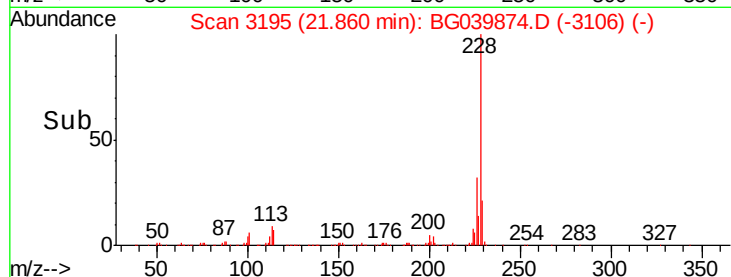
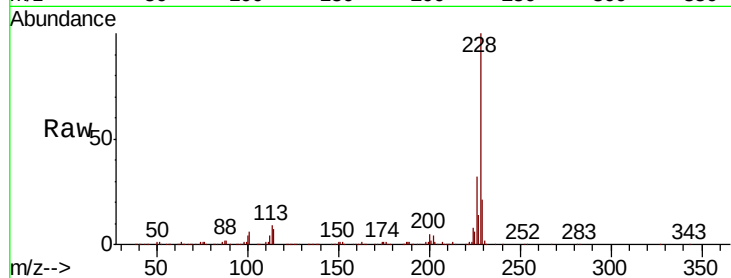
#83
Chrysene
Concen: 40.288 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.9	25.8	38.6	
229	21.1	16.6	25.0	

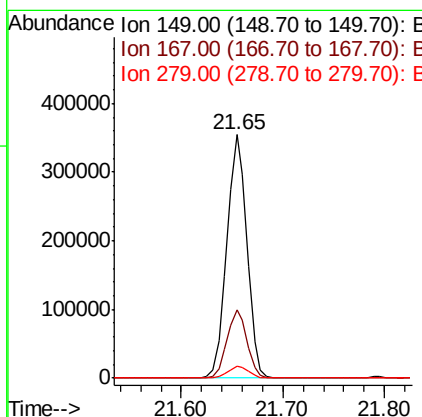
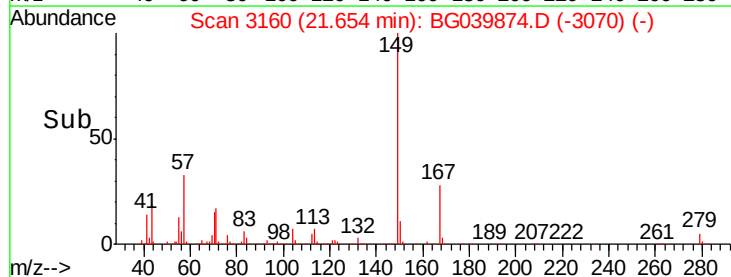
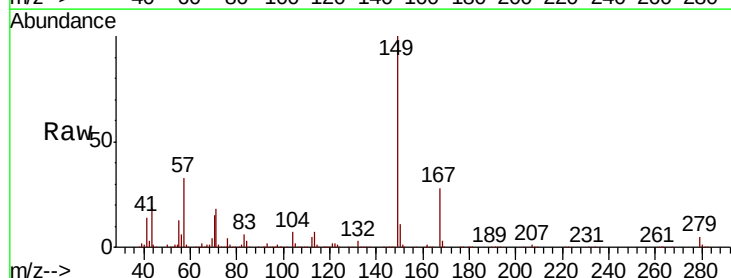
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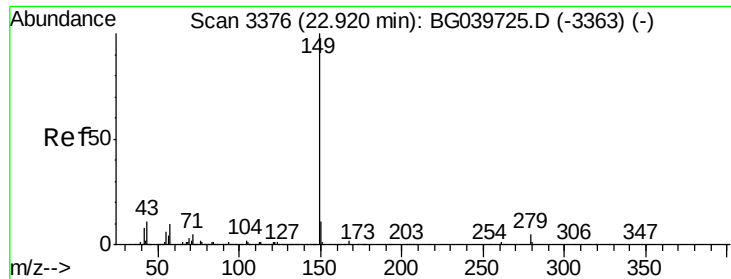
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.495 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.0	22.6	34.0	
279	4.9	3.5	5.3	





#85

Di-n-octyl phthalate

Concen: 45.600 ng

RT: 22.91 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

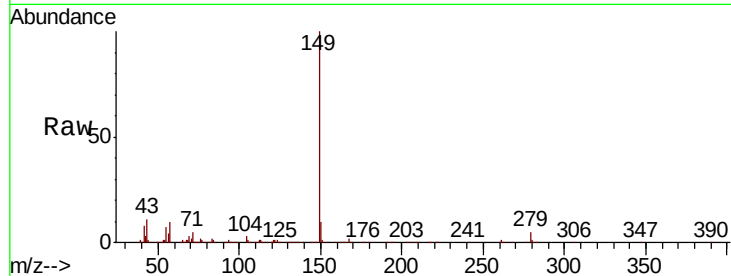
ClientSampleId :

BALLFIELD-SS-03072019MS

Tot Ion:	149	Resp:	825411
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.9	10.2	15.4

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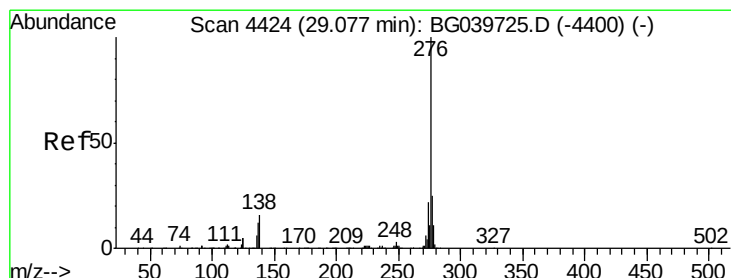
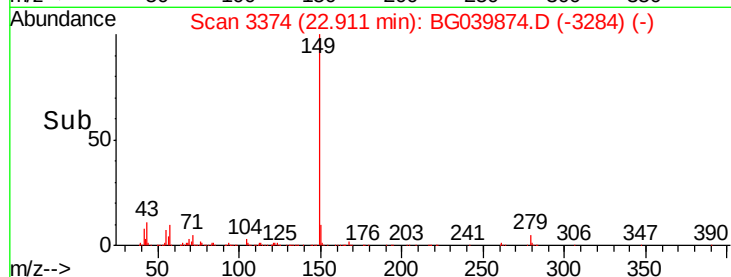
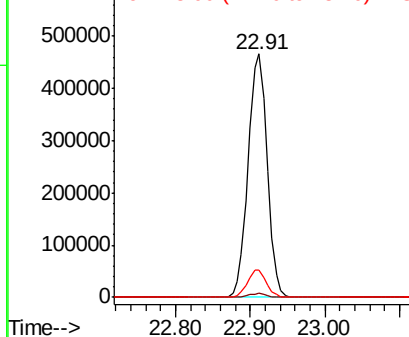


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.583 ng

RT: 29.05 min Scan# 4419

Delta R.T. -0.01 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

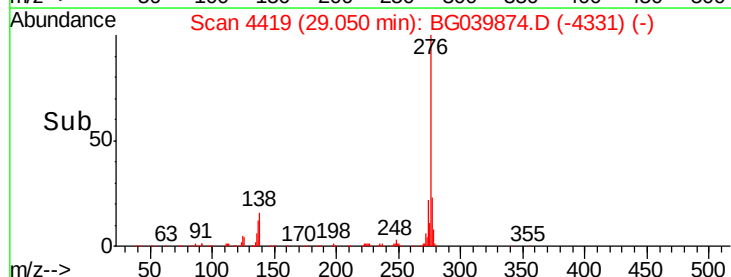
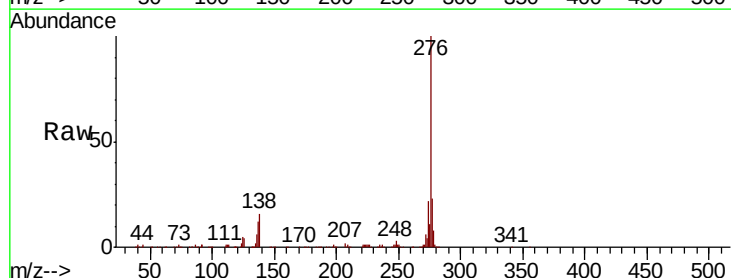
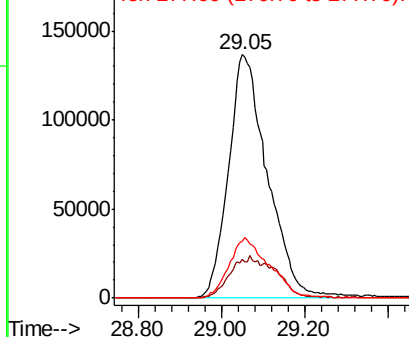
Tgt Ion:	276	Resp:	885720
Ion Ratio	Lower	Upper	
276	100		
138	13.0	12.6	19.0
277	25.5	20.8	31.2

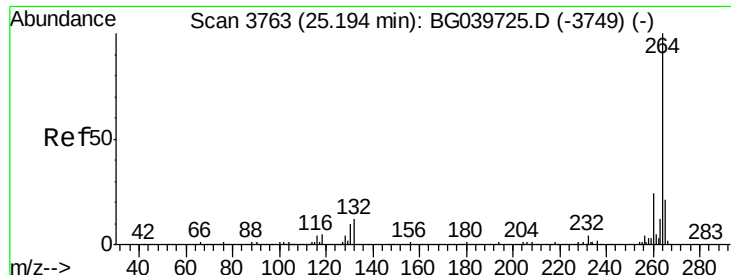
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.00 min

Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Instrument :

BNA_G

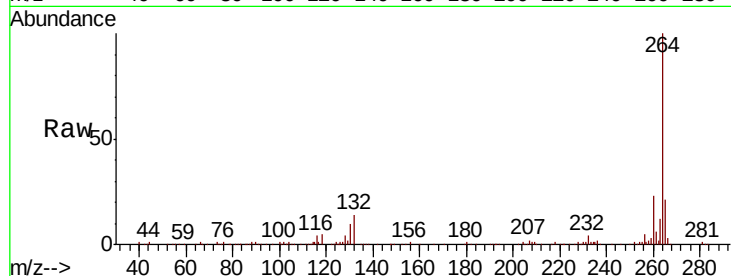
ClientSampleId :

BALLFIELD-SS-03072019MS

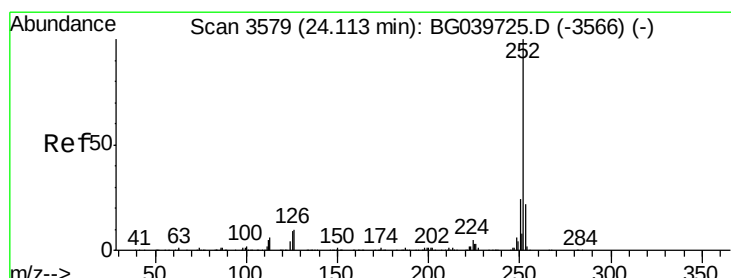
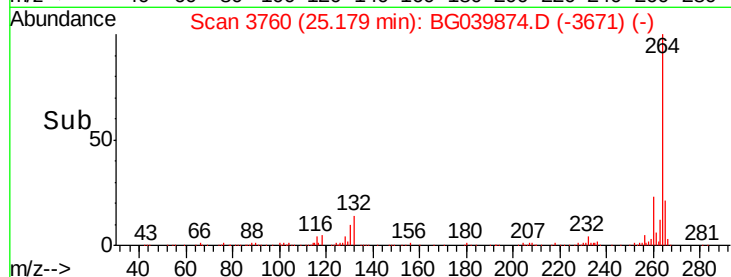
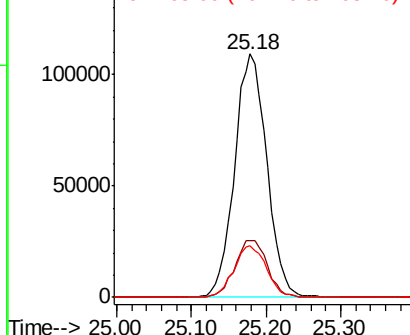
Tot Ion:	264	Resp:	326861
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.4
265	21.4	18.5	27.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.473 ng

RT: 24.10 min Scan# 3577

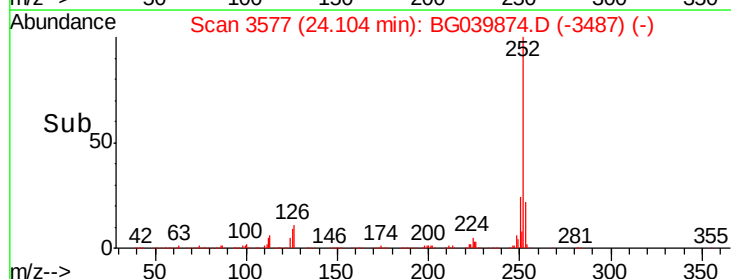
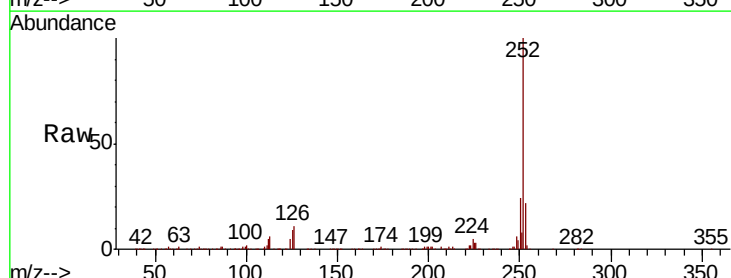
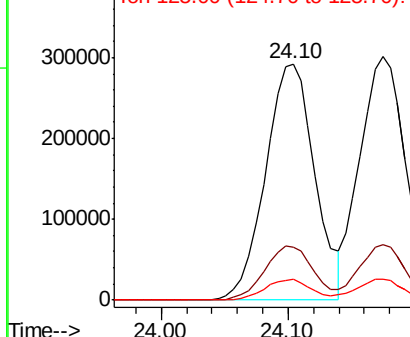
Delta R.T. 0.00 min

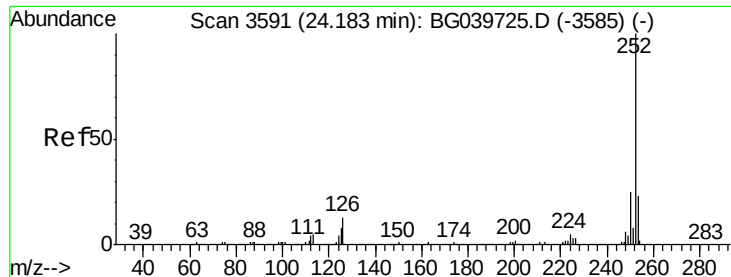
Lab File: BG039874.D

Acq: 12 Mar 2019 14:56

Tgt Ion:	252	Resp:	788881
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	8.7	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





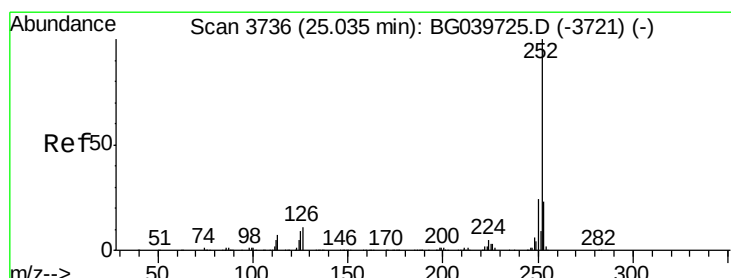
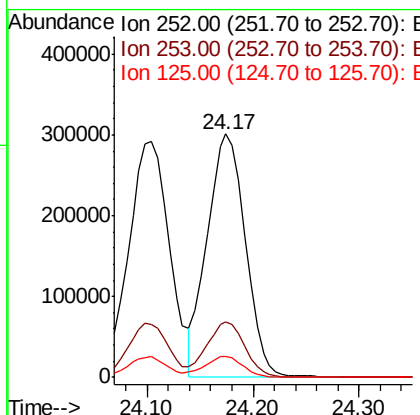
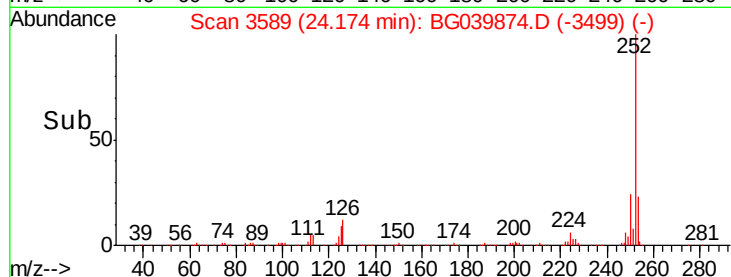
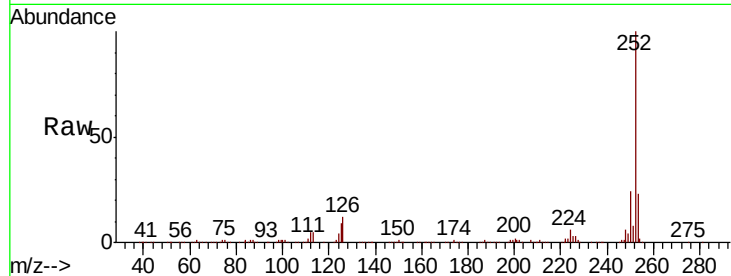
#89
Benzo(k)fluoranthene
Concen: 41.635 ng
RT: 24.17 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.8	7.4	11.2

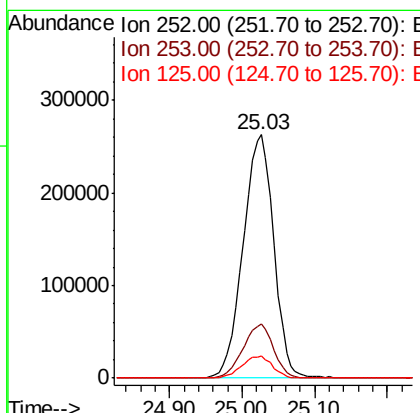
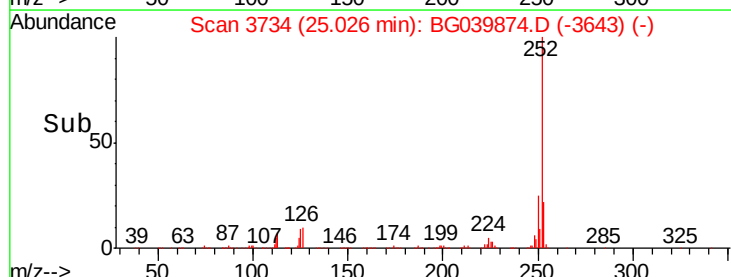
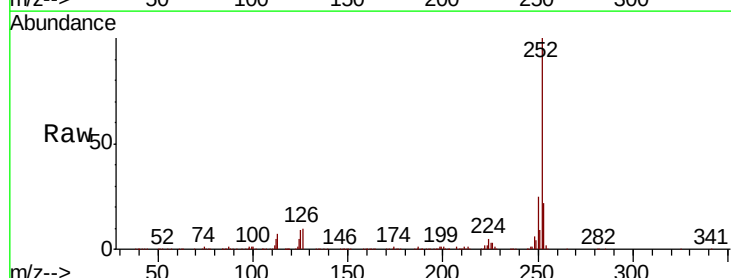
Manual Integrations
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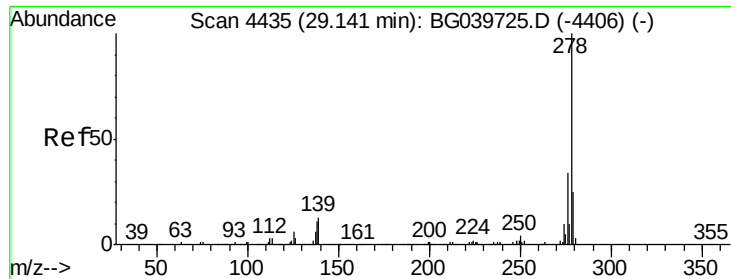
Sohil
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#90
Benzo(a)pyrene
Concen: 42.707 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.1	8.3	12.5





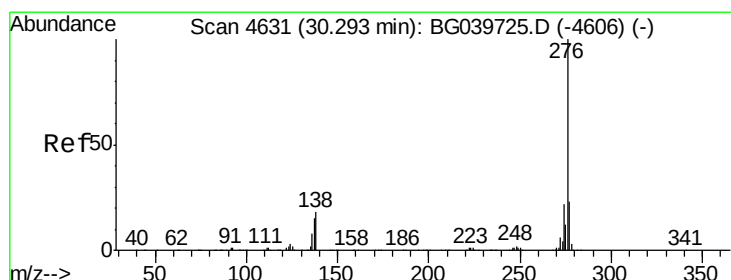
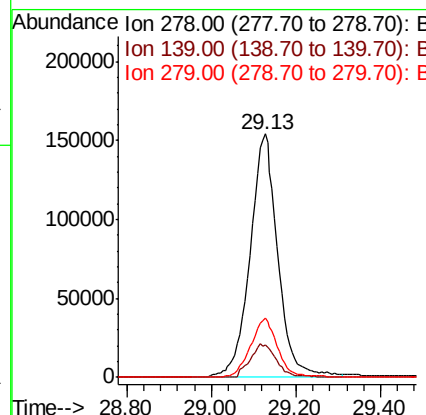
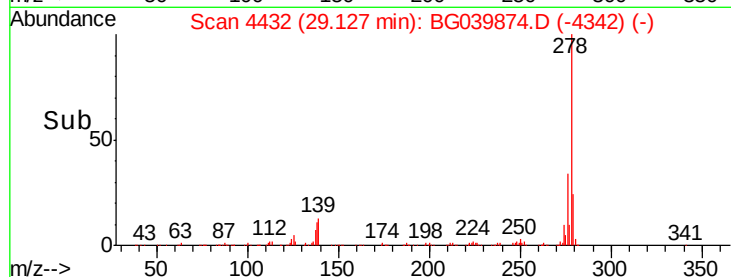
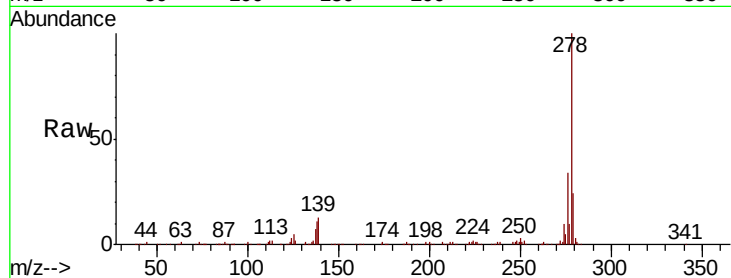
#91
Dibenzo(a,h)anthracene
Concen: 40.204 ng
RT: 29.13 min Scan# 4432
Delta R.T. 0.00 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	24.1	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/13/2019 5:49:22 PM



#92
Benzo(g,h,i)perylene
Concen: 40.450 ng
RT: 30.28 min Scan# 4629
Delta R.T. 0.01 min
Lab File: BG039874.D
Acq: 12 Mar 2019 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.6	29.4
138	17.1	14.7	22.1

