

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039611.D
 Acq On : 26 Feb 2019 21:59
 Operator : JU/SJ
 Sample : K1594-31MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Manual Integrations
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 2/27/2019 4:21:48 PM

Quant Time: Feb 27 03:32:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57770	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	239637	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	162969	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	399912	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	388668	20.00	ng	-0.02
87) Perylene-d12	25.20	264	405509	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	551263	163.32	ng	0.00
7) Phenol-d6	7.32	99	806178	162.26	ng	0.00
23) Nitrobenzene-d5	9.35	82	469043	122.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	320554	182.66	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1069279	94.12	ng	-0.02
79) Terphenyl-d14	20.13	244	1559020	84.90	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	61451	41.620 ng	95
3) Pyridine	4.01	79	175195	44.817 ng	99
4) n-Nitrosodimethylamine	3.92	42	97445	49.844 ng	90
6) Aniline	7.50	93	264974	42.577 ng	99
8) 2-Chlorophenol	7.73	128	196572	53.277 ng	98
9) Benzaldehyde	7.31	77	88256	34.086 ng	98
10) Phenol	7.35	94	284002	54.835 ng	96
11) bis(2-Chloroethyl)ether	7.58	93	196807	48.089 ng	96
12) 1,3-Dichlorobenzene	8.05	146	212608	47.567 ng	97
13) 1,4-Dichlorobenzene	8.21	146	214215	48.084 ng	98
14) 1,2-Dichlorobenzene	8.52	146	205907	47.743 ng	100
15) Benzyl Alcohol	8.41	79	194121	49.766 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	376883	40.779 ng	99
17) 2-Methylphenol	8.60	107	180597	53.883 ng	98
18) Hexachloroethane	9.25	117	75391	49.188 ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	160427	45.493 ng	95
20) 3+4-Methylphenols	8.93	107	247182	53.556 ng	98
22) Acetophenone	9.00	105	308328	47.899 ng	# 96
24) Nitrobenzene	9.39	77	239231	57.728 ng	98
25) Isophorone	9.90	82	465203	54.727 ng	98
26) 2-Nitrophenol	10.10	139	119739	65.843 ng	96
27) 2,4-Dimethylphenol	10.14	122	202536	58.900 ng	93
28) bis(2-Chloroethoxy)methane	10.39	93	276897	52.886 ng	97
29) 2,4-Dichlorophenol	10.63	162	222685	59.254 ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	223296	52.922 ng	99
31) Naphthalene	11.04	128	639066	53.756 ng	99
32) Benzoic acid	10.21	122	7014	11.551 ng	89
33) 4-Chloroaniline	11.15	127	186926	33.911 ng	98
34) Hexachlorobutadiene	11.30	225	142120	50.649 ng	91
35) Caprolactam	11.94	113	77038m	49.537 ng	
36) 4-Chloro-3-methylphenol	12.25	107	242005	55.680 ng	96
37) 2-Methylnaphthalene	12.63	142	484125	54.982 ng	97
38) 1-Methylnaphthalene	12.85	142	454610	53.561 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	268450	51.772 ng	98

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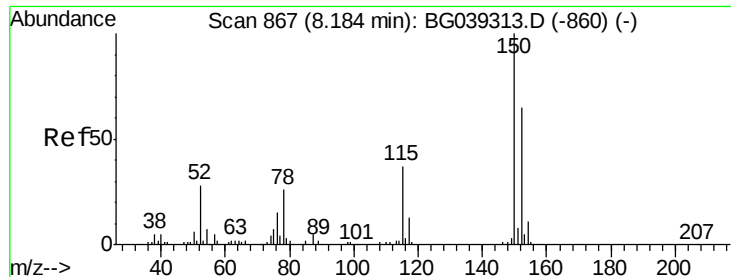
Manual Integrations
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Quant Time: Feb 27 03:32:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	329025	116.449	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	187053	58.672	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	202450	60.588	nq	98
46) 1,1'-Biphenyl	13.63	154	642880	47.412	nq	99
47) 2-Chloronaphthalene	13.68	162	499045	48.924	nq	98
48) 2-Nitroaniline	13.89	65	177966	58.534	nq	93
49) Acenaphthylene	14.52	152	808631	52.537	nq	99
50) Dimethylphthalate	14.24	163	728754	55.368	nq	99
51) 2,6-Dinitrotoluene	14.37	165	154378	60.741	nq	98
52) Acenaphthene	14.86	154	494269	49.471	nq	99
53) 3-Nitroaniline	14.70	138	117828	44.827	nq #	93
54) 2,4-Dinitrophenol	14.90	184	112640	94.878	nq	99
55) Dibenzofuran	15.19	168	803730	50.174	nq	99
56) 4-Nitrophenol	15.00	139	265594	109.314	nq	90
57) 2,4-Dinitrotoluene	15.16	165	217460	65.587	nq	90
58) Fluorene	15.84	166	633403	53.042	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202449	64.709	nq	98
60) Diethylphthalate	15.59	149	678043	49.825	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	336484	49.764	nq	99
62) 4-Nitroaniline	15.87	138	168600	59.940	nq	94
63) Azobenzene	16.11	77	609568	45.829	nq	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	122331	67.161	nq	91
66) n-Nitrosodiphenylamine	16.04	169	591040	48.605	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	226040	50.949	nq	94
68) Hexachlorobenzene	16.83	284	231785	52.072	nq	95
69) Atrazine	16.98	200	220352	49.587	nq	99
70) Pentachlorophenol	17.18	266	307526	99.405	nq	99
71) Phenanthrene	17.58	178	1065893	51.497	nq	99
72) Anthracene	17.67	178	1075996	52.776	nq	96
73) Carbazole	17.94	167	958601	47.113	nq	99
74) Di-n-butylphthalate	18.47	149	1146609	48.304	nq	98
75) Fluoranthene	19.58	202	1243421	51.757	nq	99
77) Benzidine	19.76	184	685932	53.829	nq	98
78) Pyrene	19.94	202	1230528	50.857	nq	98
80) Butylbenzylphthalate	20.81	149	535980	52.513	nq	95
81) Benzo(a)anthracene	21.81	228	1232729	53.676	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	321856	37.796	nq	100
83) Chrysene	21.88	228	1141506	52.213	nq	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	748845	51.427	nq	98
85) Di-n-octyl phthalate	22.93	149	1269307	52.764	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1402473	59.791	nq #	95
88) Benzo(b)fluoranthene	24.12	252	1215638	54.970	nq	99
89) Benzo(k)fluoranthene	24.20	252	1170667	52.726	nq	99
90) Benzo(a)pyrene	25.04	252	1184170	55.600	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	1134664	56.888	nq	99
92) Benzo(g,h,i)perylene	30.32	276	1161072	58.403	nq	97

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



#1

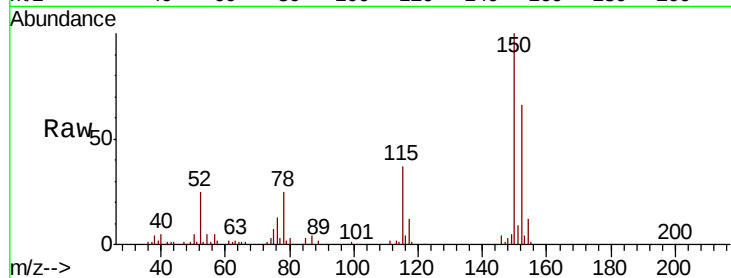
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.7	185.5
115	55.2	45.9	68.9

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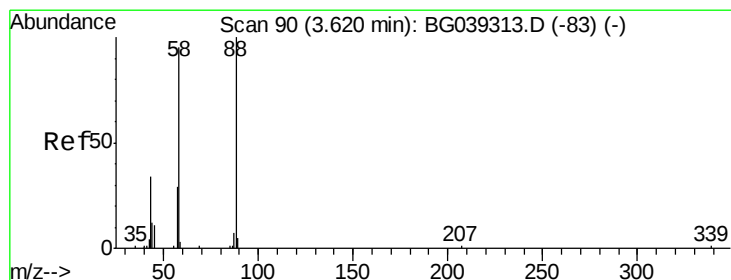
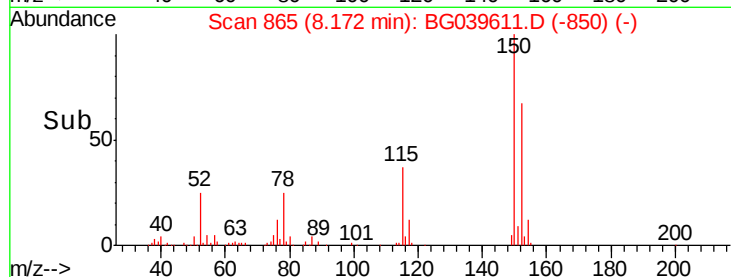
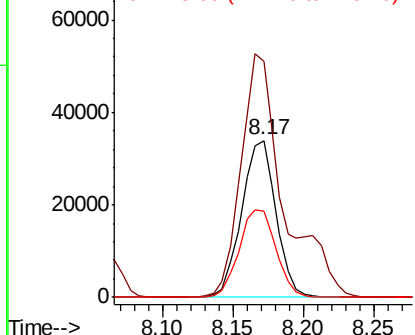


Abundance

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: 41.620 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

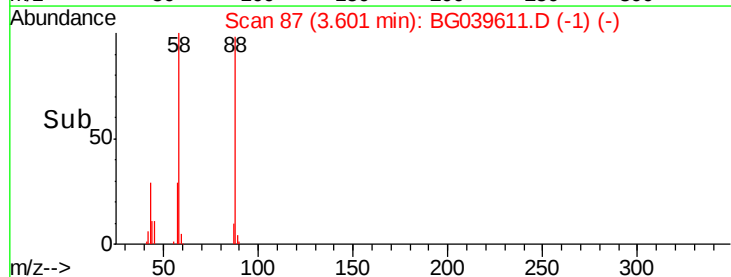
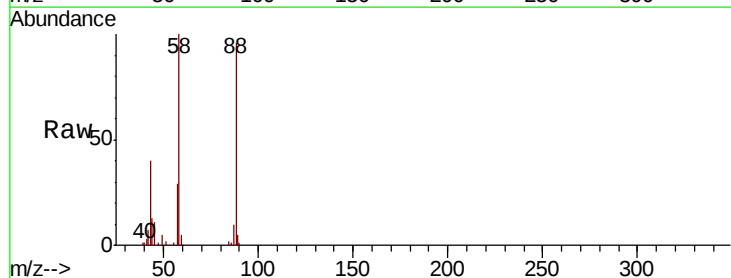
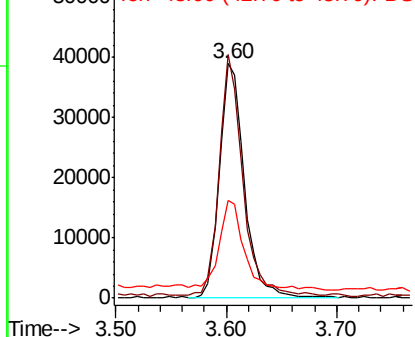
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.8	81.1	121.7
43	36.4	31.4	47.0

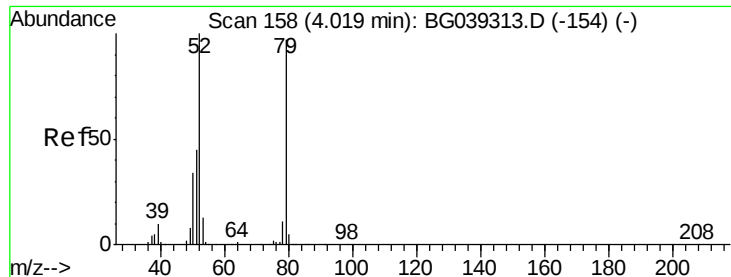
Abundance

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: 44.817 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

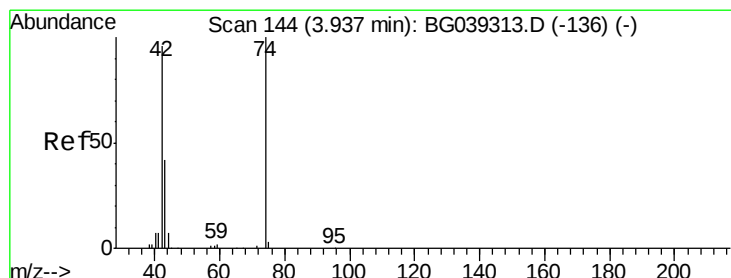
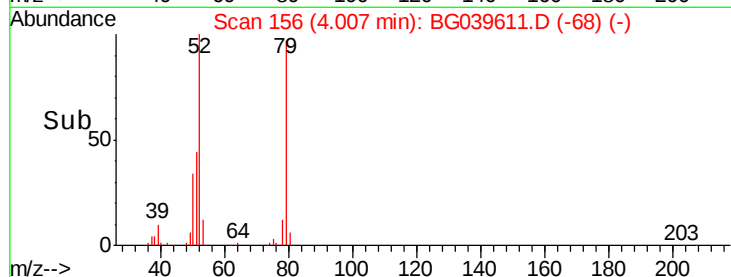
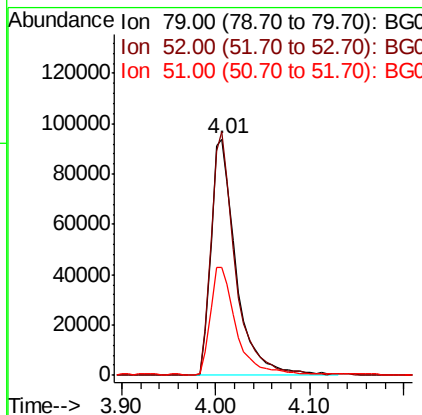
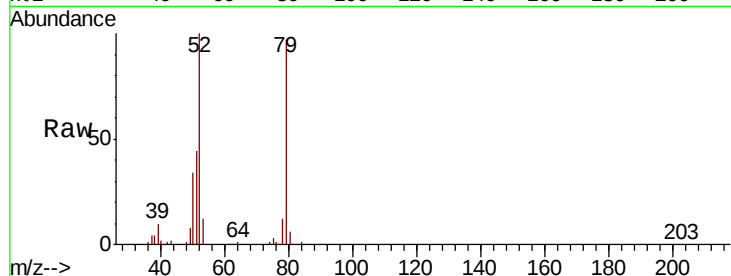
ClientSampleId :

B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.0	82.6	124.0
51	45.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 49.844 ng

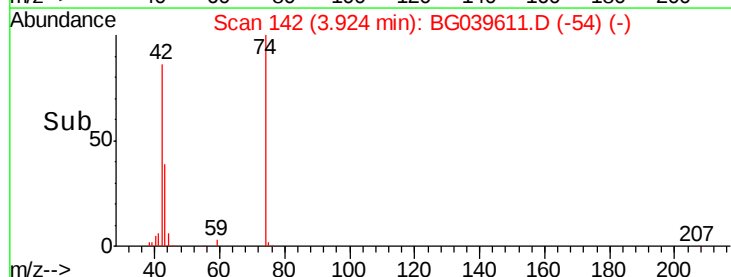
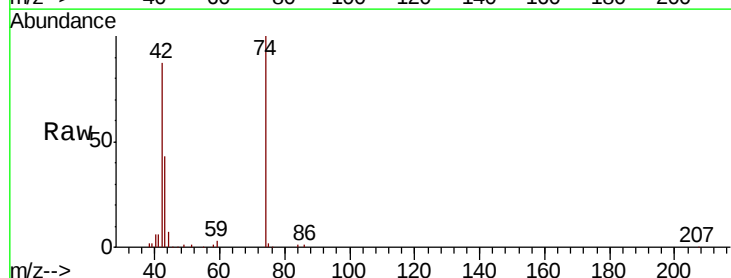
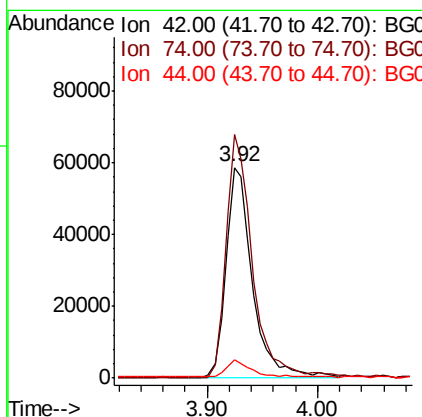
RT: 3.92 min Scan# 142

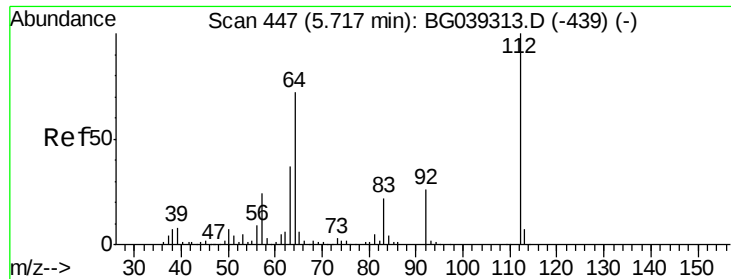
Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.5	83.6	125.4
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 163.319 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

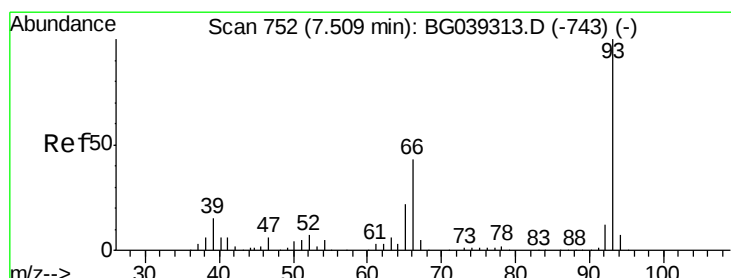
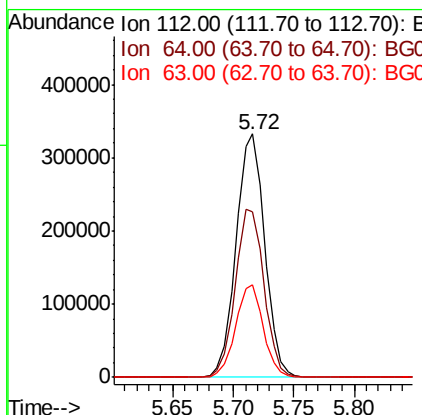
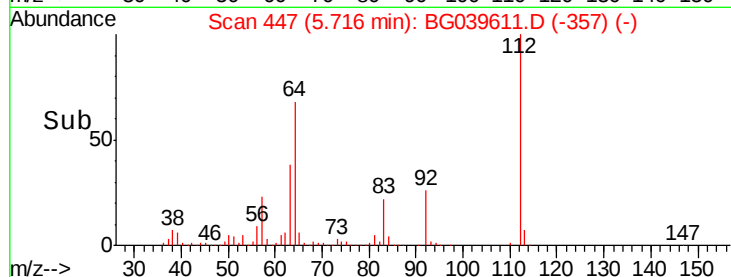
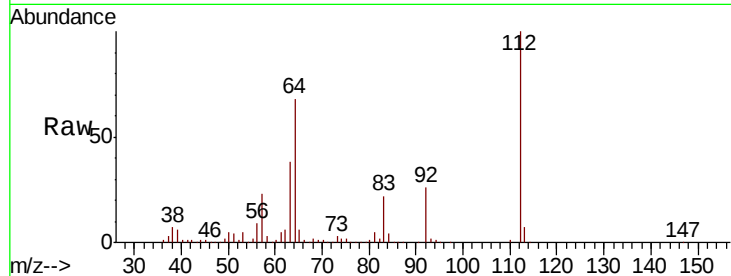
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	112	Resp:	551263
Ion Ratio	Lower	Upper	
112	100		
64	68.2	57.8	86.8
63	38.3	29.8	44.6

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#6

Aniline

Concen: 42.577 ng

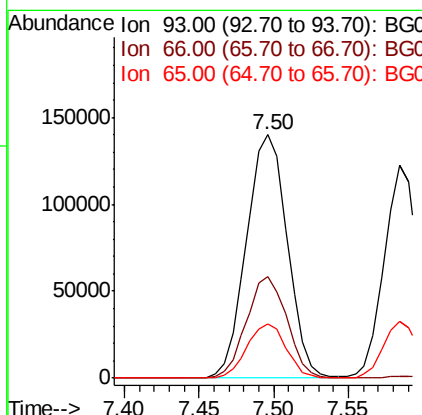
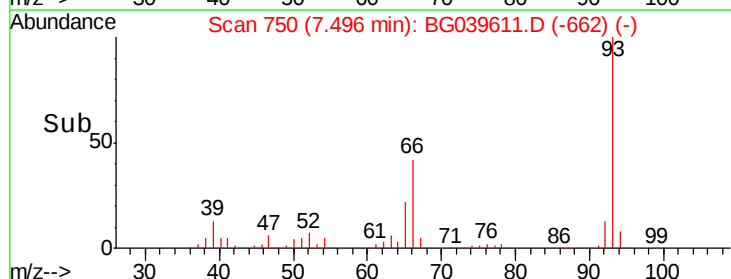
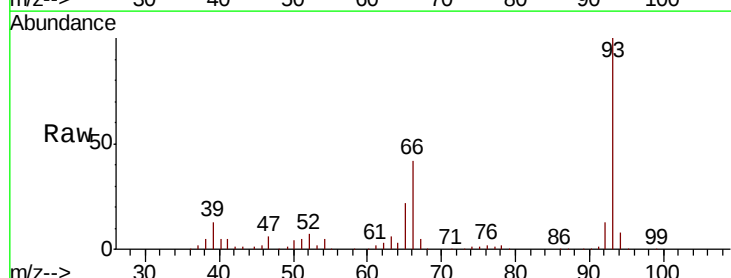
RT: 7.50 min Scan# 750

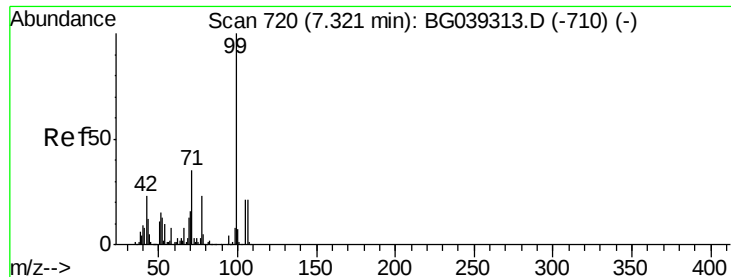
Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	93	Resp:	264974
Ion Ratio	Lower	Upper	
93	100		
66	41.6	34.2	51.4
65	22.5	17.7	26.5





#7

Phenol-d6

Concen: 162.259 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

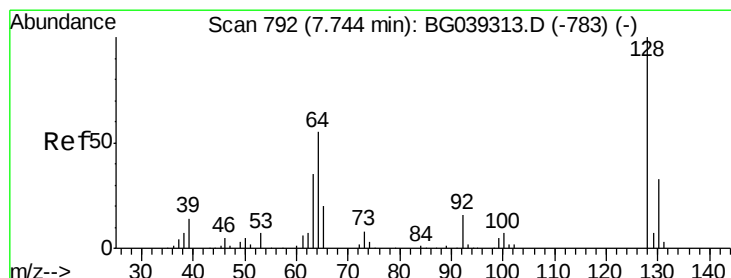
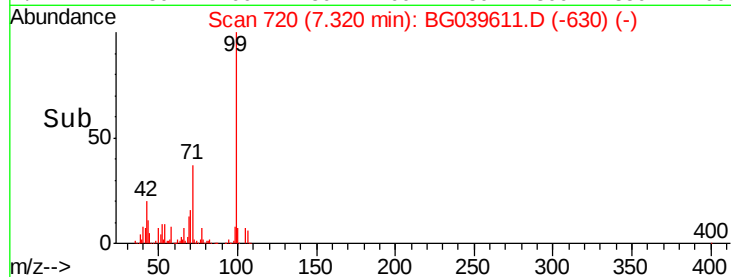
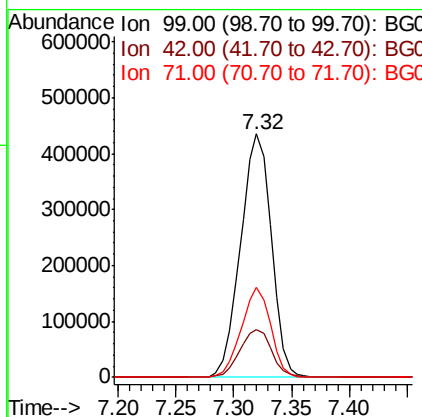
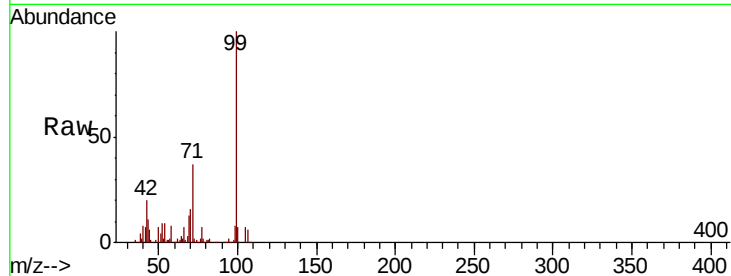
ClientSampleId :

B-4B(14-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		806178		
42	19.8	18.2	27.2		
71	36.9	28.0	42.0		

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#8

2-Chlorophenol

Concen: 53.277 ng

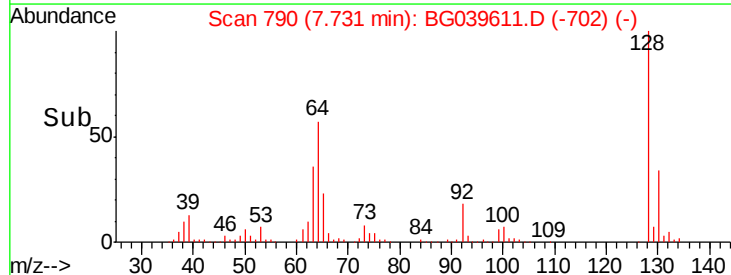
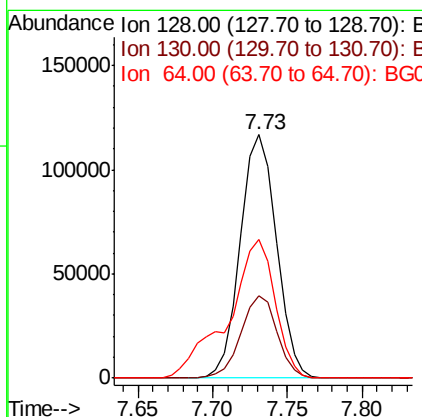
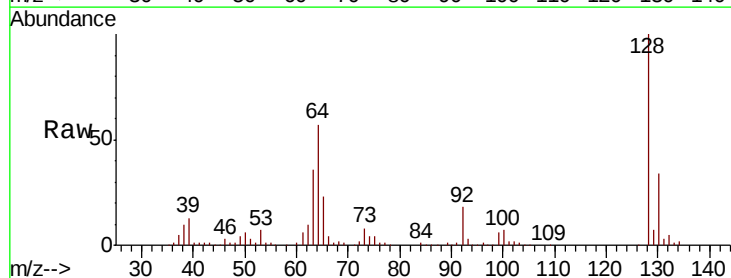
RT: 7.73 min Scan# 790

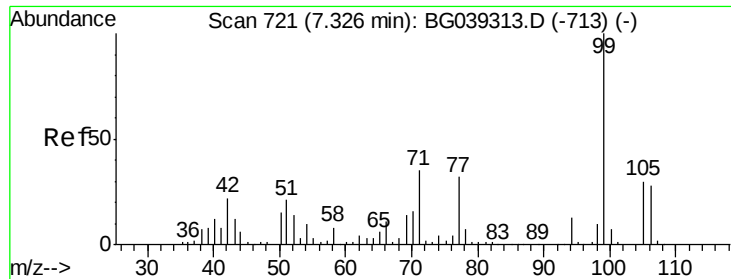
Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		196572		
130	33.8	12.9	52.9		
64	57.2	38.7	78.7		





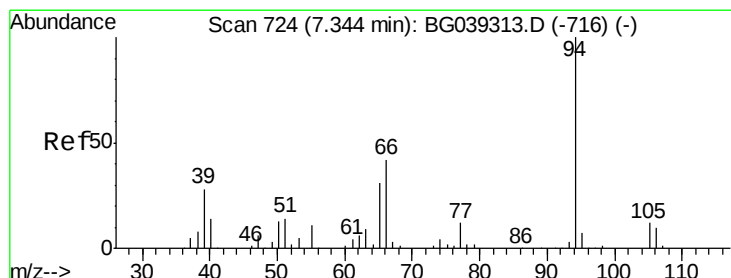
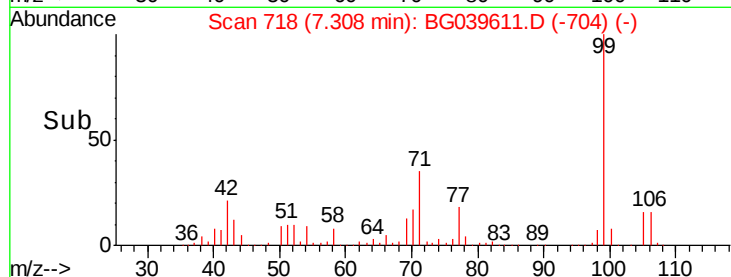
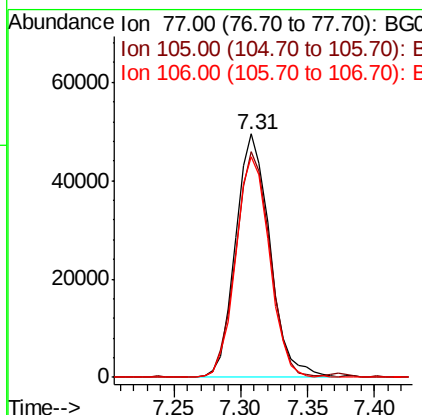
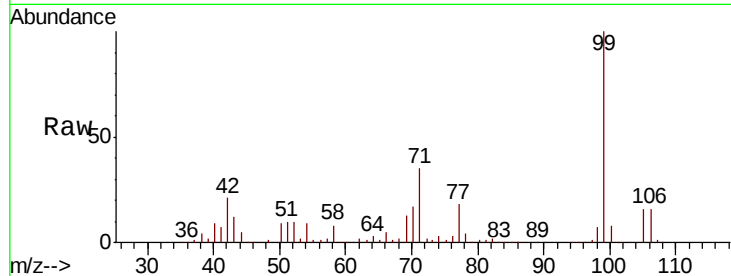
#9
Benzaldehyde
Concen: 34.086 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.8	74.5	114.5
106	90.8	68.0	108.0

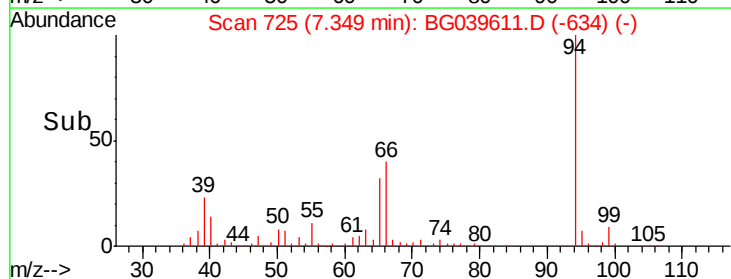
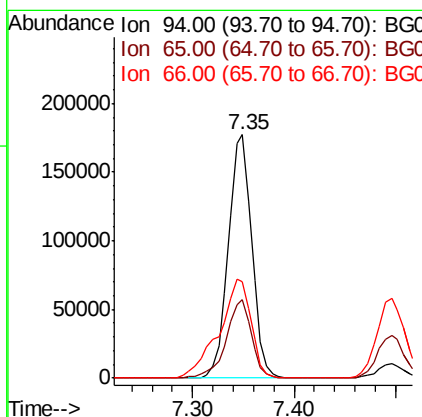
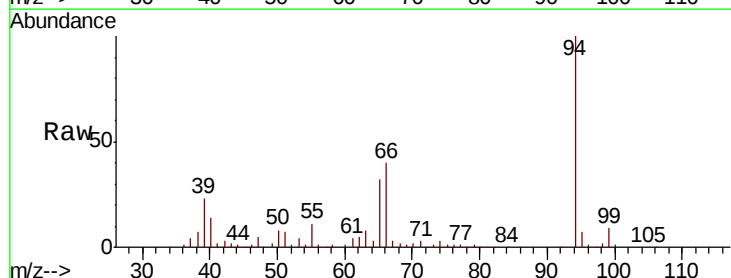
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#10
Phenol
Concen: 54.835 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	39.8	23.7	63.7





#11

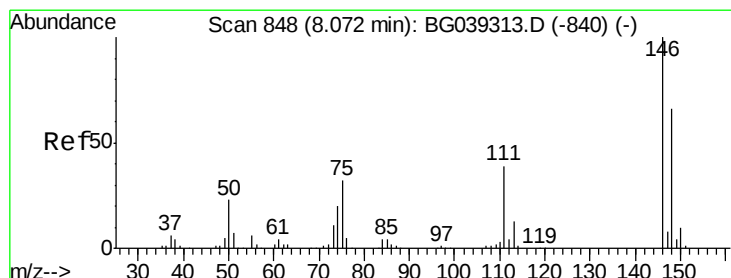
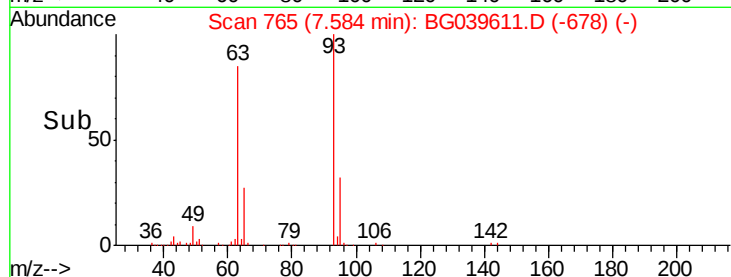
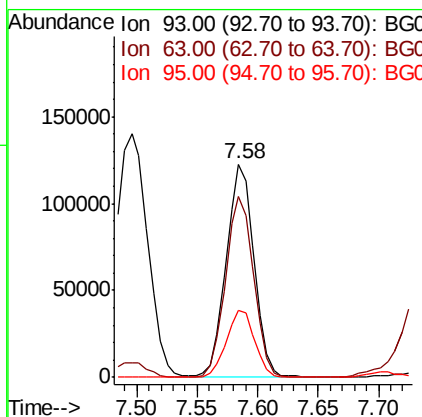
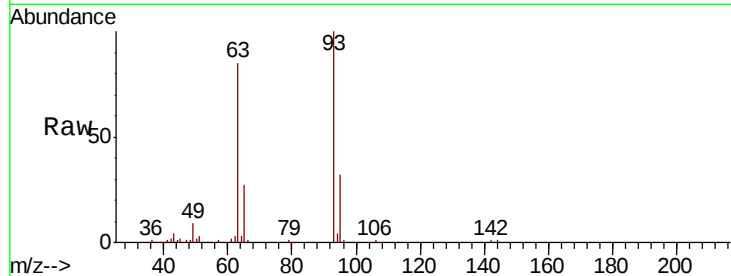
bis(2-Chloroethyl)ether
Concen: 48.089 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	69.5	109.5
95	31.7	12.7	52.7

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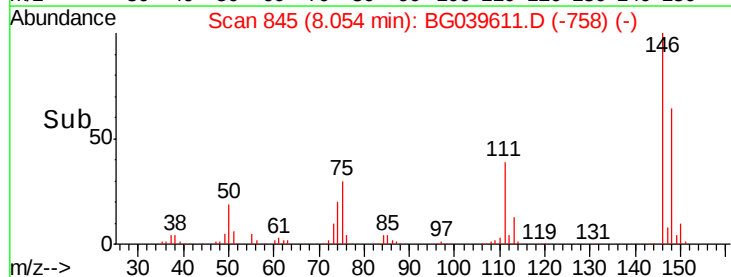
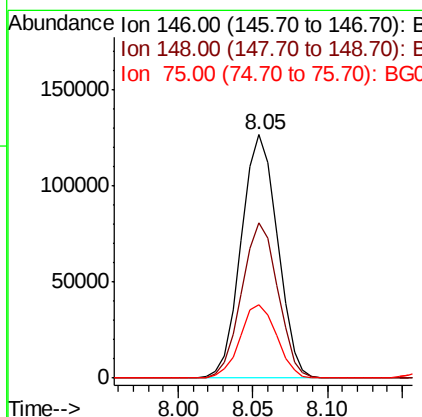
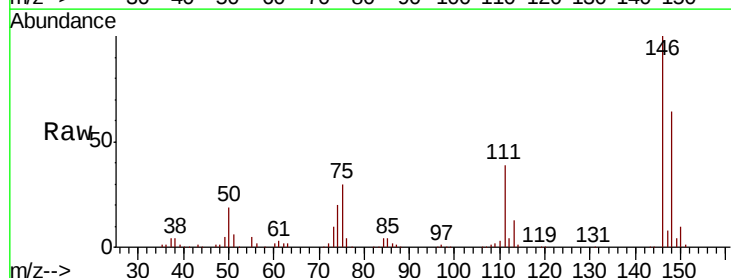
Sohil
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#12

1,3-Dichlorobenzene
Concen: 47.567 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	30.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 48.084 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

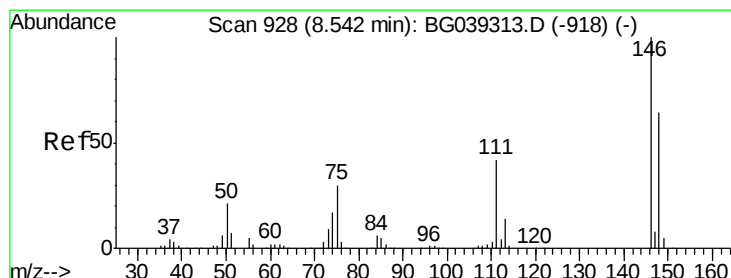
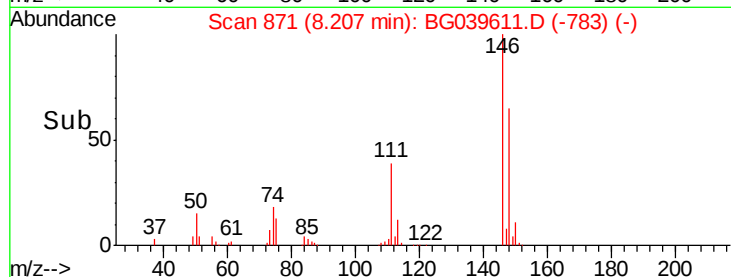
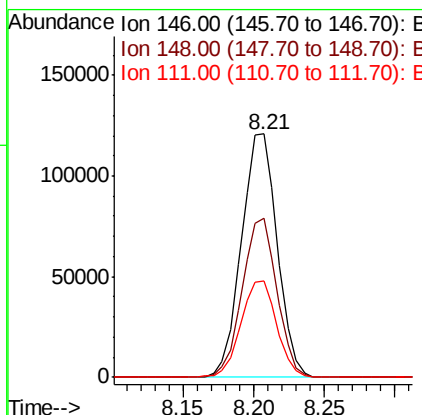
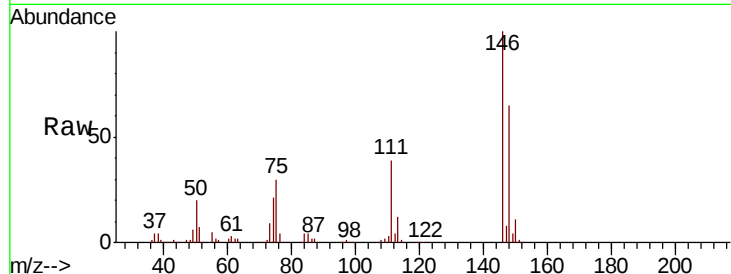
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	146	Resp:	214215
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.1	76.7
111	39.4	32.6	48.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.743 ng

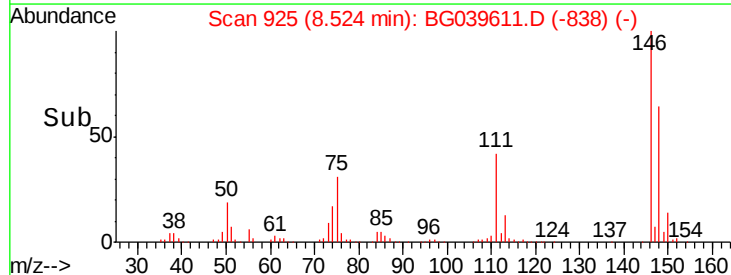
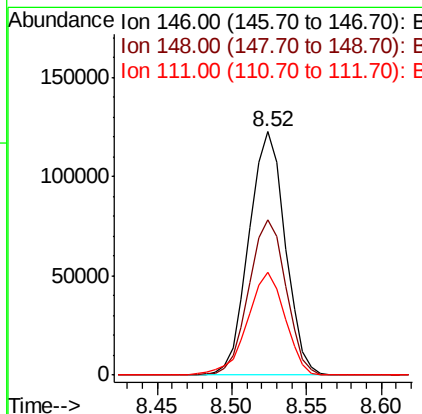
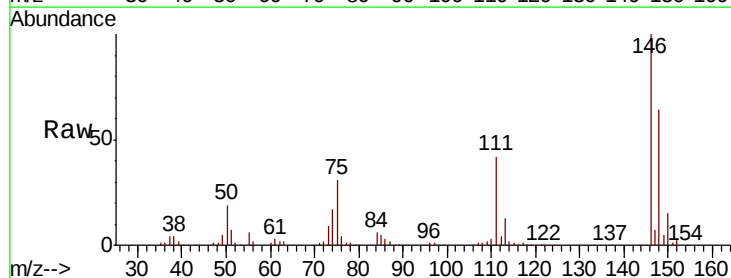
RT: 8.52 min Scan# 925

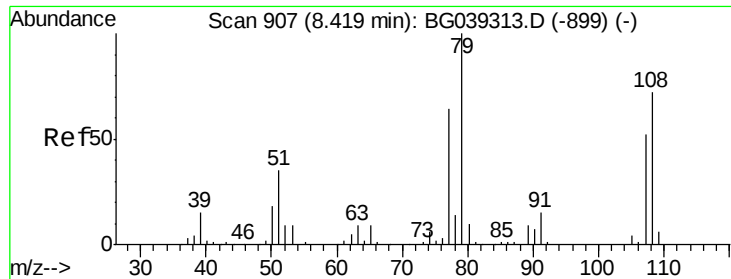
Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	146	Resp:	205907
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.5	77.3
111	42.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 49.766 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

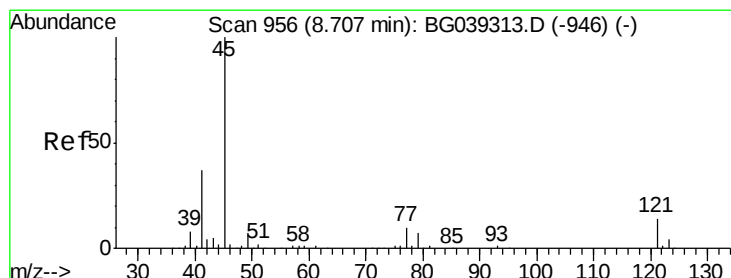
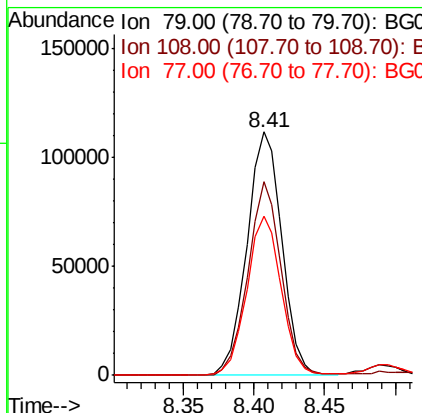
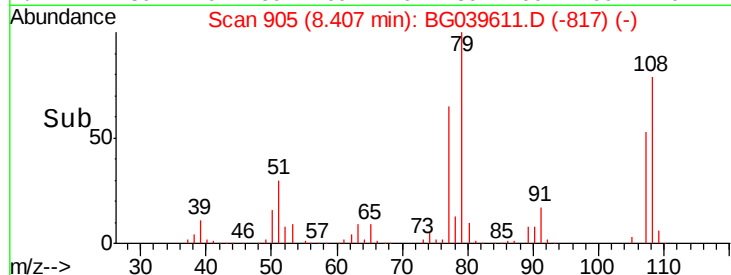
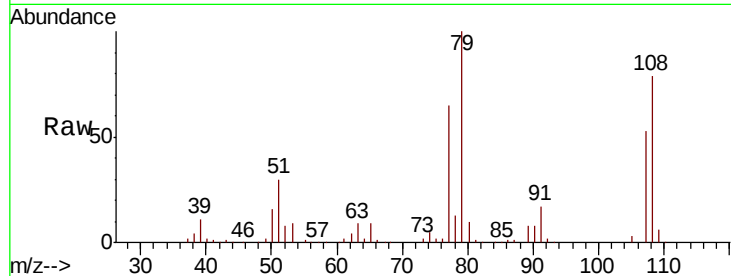
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	79	Resp:	194121
Ion Ratio	Lower	Upper	
79	100		
108	79.3	57.8	86.6
77	65.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.779 ng

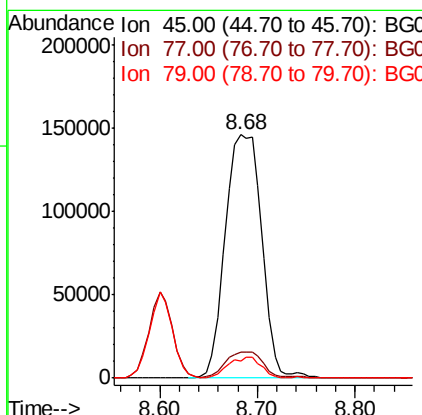
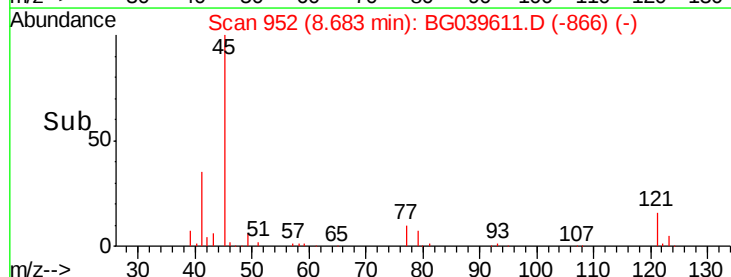
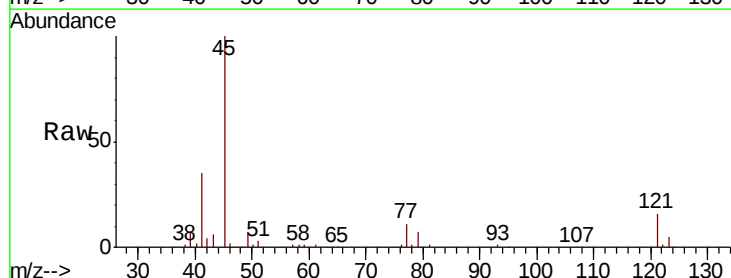
RT: 8.68 min Scan# 952

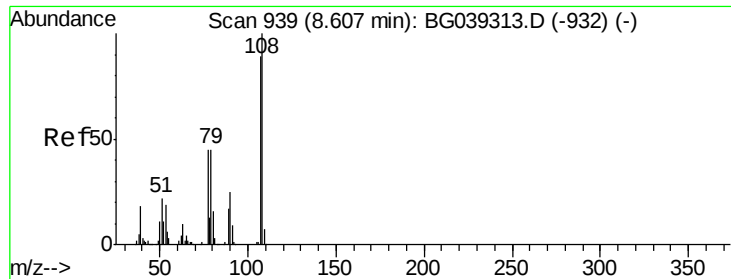
Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	45	Resp:	376883
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.0
79	7.2	0.0	27.5





#17

2-Methylphenol

Concen: 53.883 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

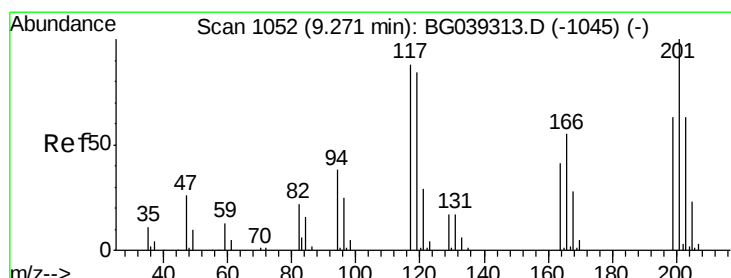
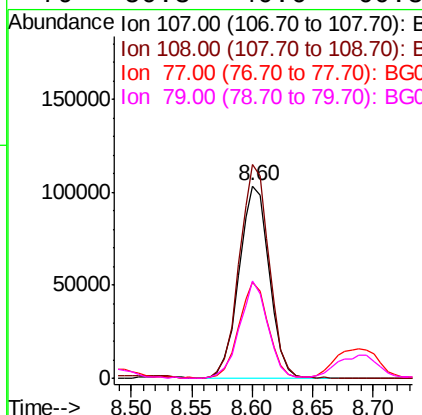
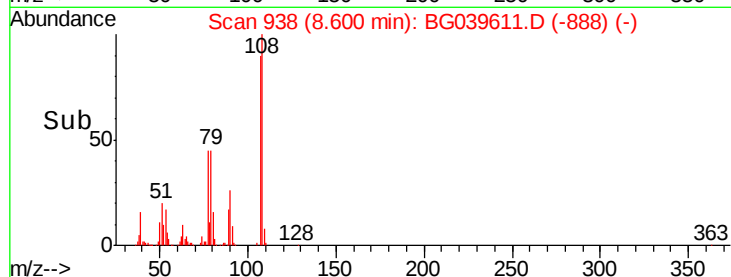
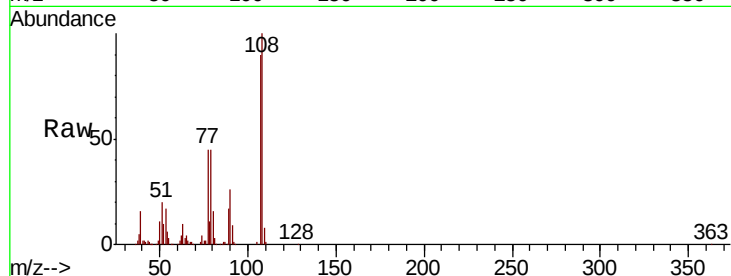
ClientSampleId :

B-4B(14-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	90.8	136.2	
77	49.7	40.7	61.1	
79	50.3	40.6	60.8	

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#18

Hexachloroethane

Concen: 49.188 ng

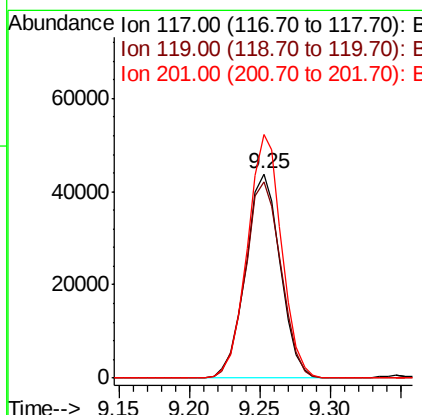
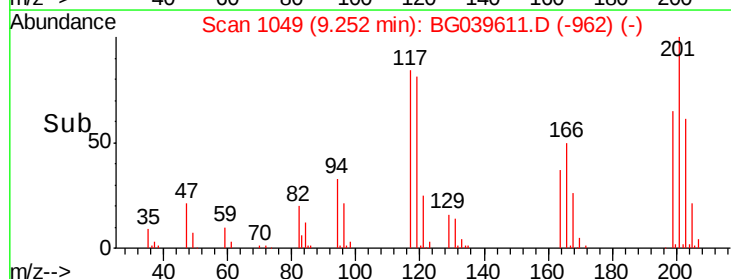
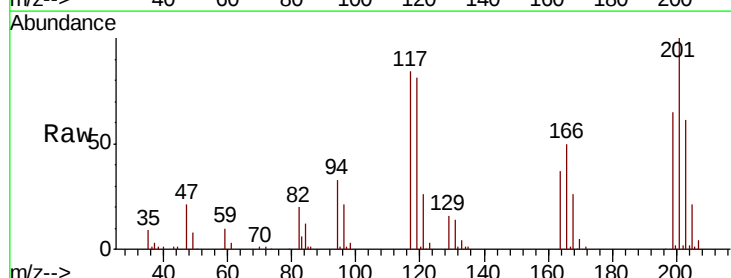
RT: 9.25 min Scan# 1049

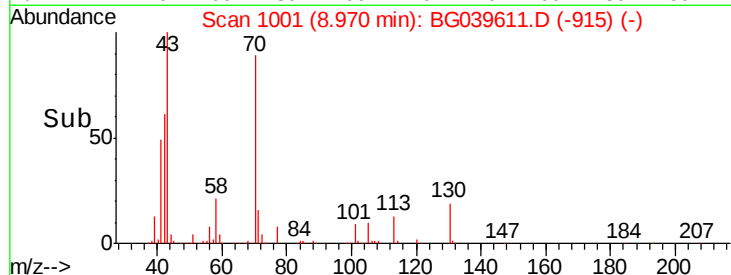
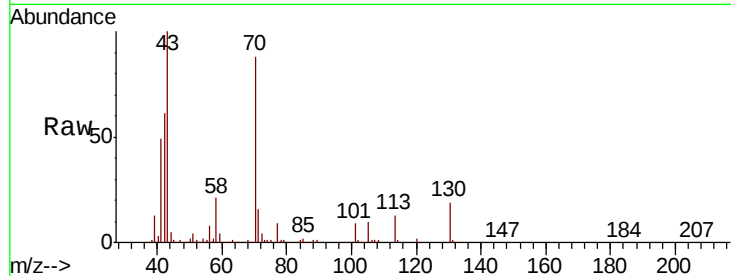
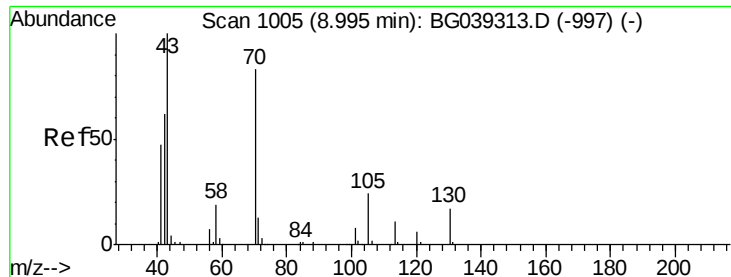
Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.3	114.5	
201	119.0	91.1	136.7	





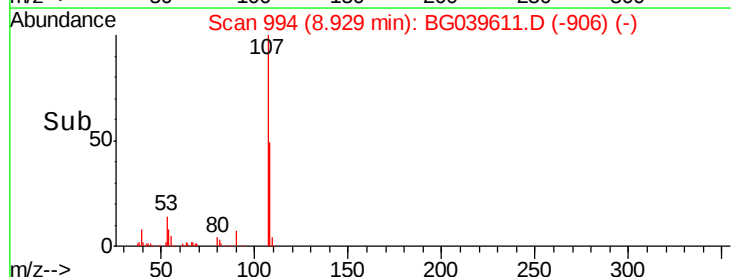
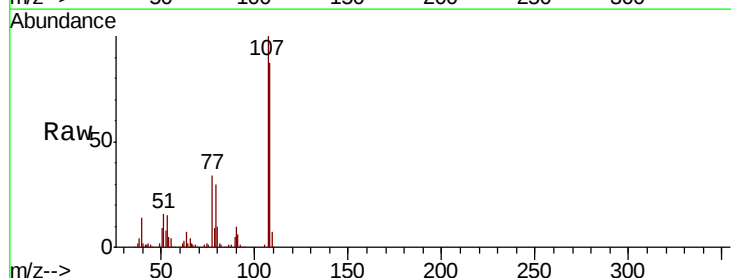
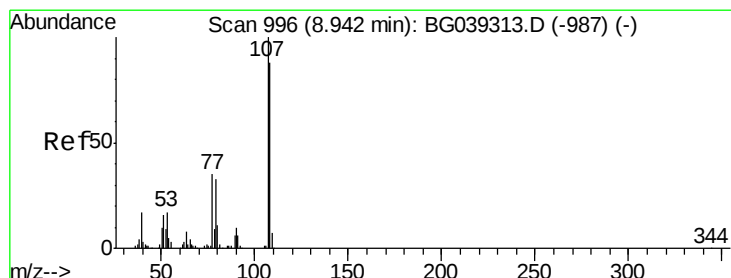
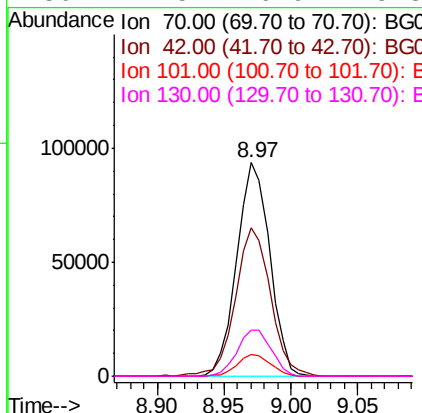
#19
n-Nitroso-di-n-propylamine
Concen: 45.493 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.4	60.4	90.6		
101	10.0	7.5	11.3		
130	21.5	16.9	25.3		

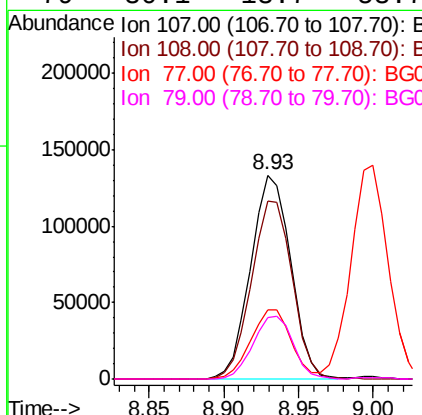
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#20
3+4-Methylphenols
Concen: 53.556 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	67.9	107.9		
77	34.1	15.4	55.4		
79	30.1	13.7	53.7		





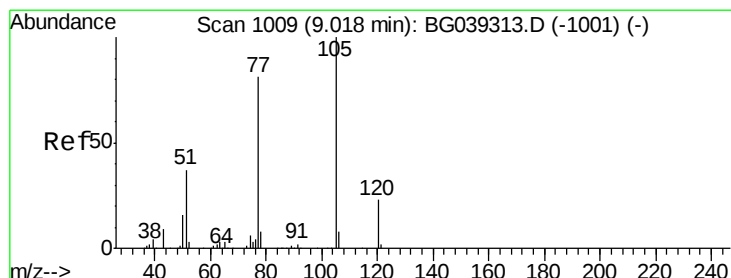
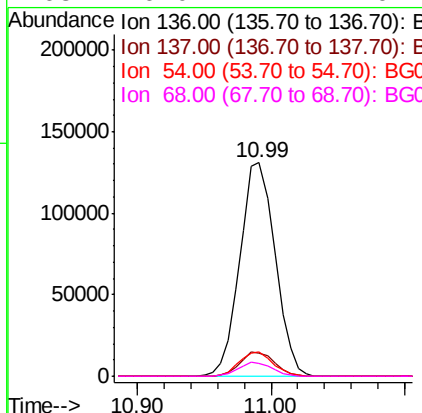
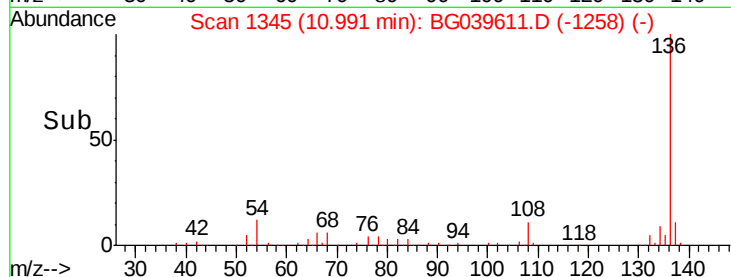
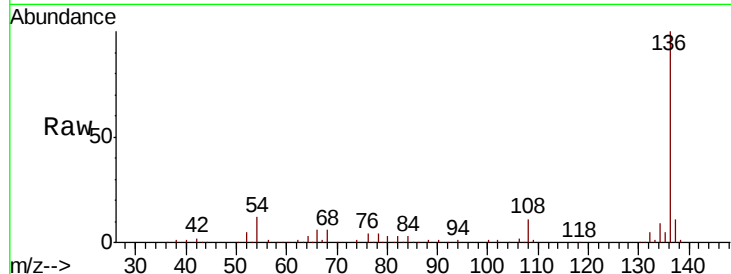
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239637		
137	11.0	9.1	13.7	
54	11.6	9.4	14.2	
68	6.0	4.2	6.4	

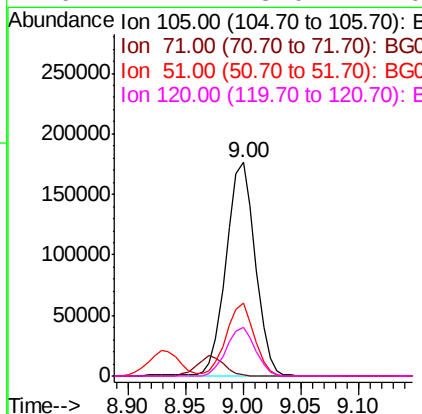
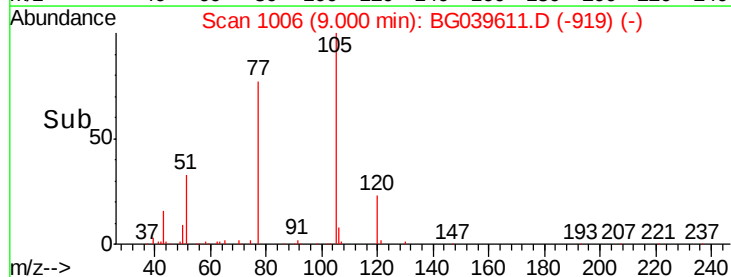
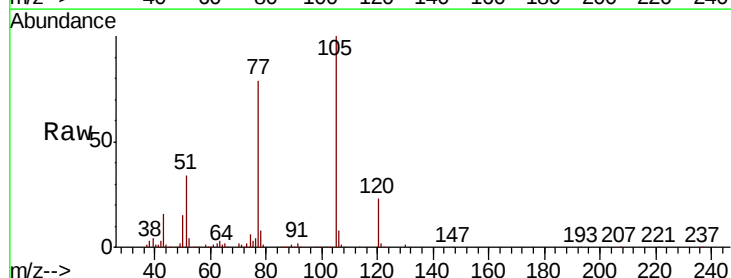
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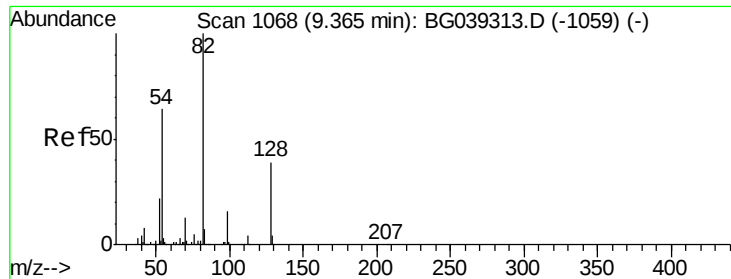
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#22
Acetophenone
Concen: 47.899 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	308328		
71	0.6	0.8	1.2#	
51	34.3	30.2	45.2	
120	22.7	18.0	27.0	





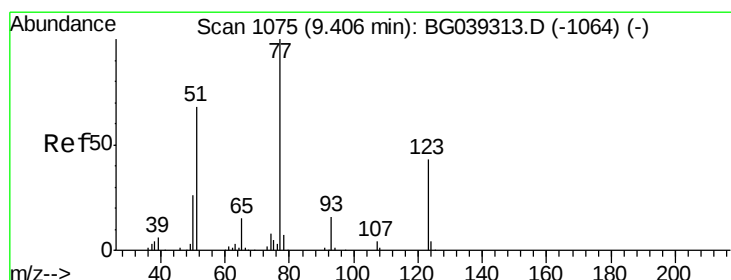
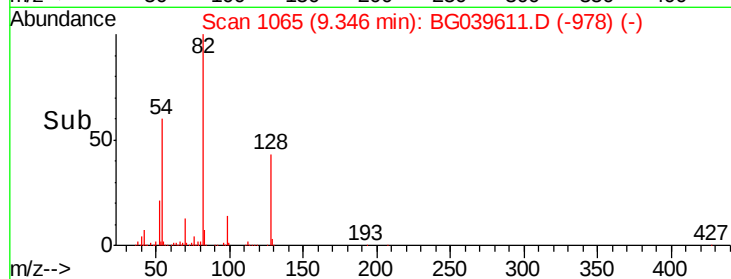
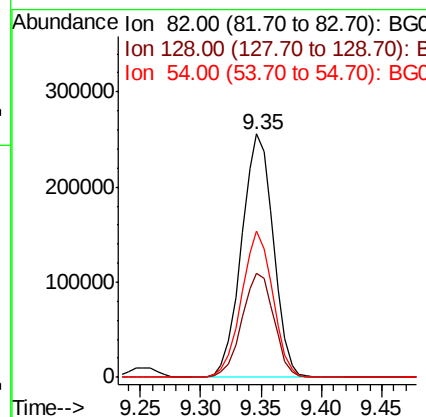
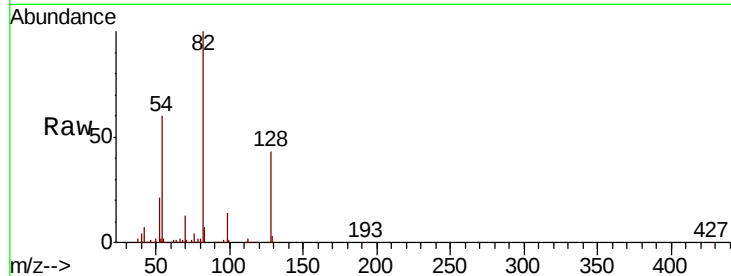
#23
 Nitrobenzene-d5
 Concen: 122.276 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	60.3	50.9	76.3

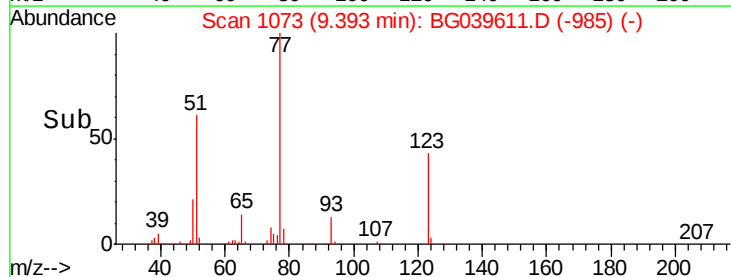
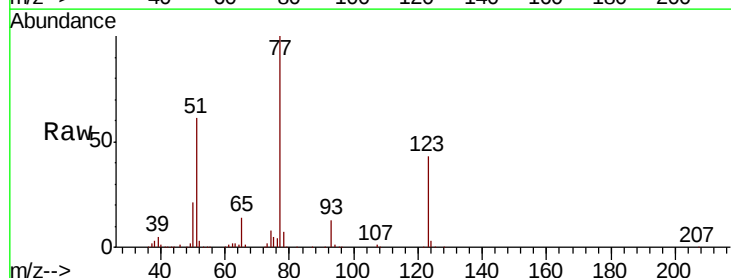
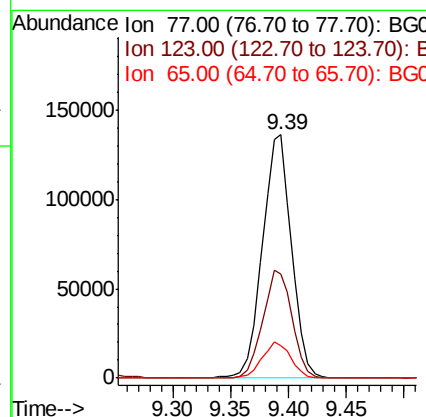
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#24
 Nitrobenzene
 Concen: 57.728 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.1	51.1
65	13.6	12.3	18.5





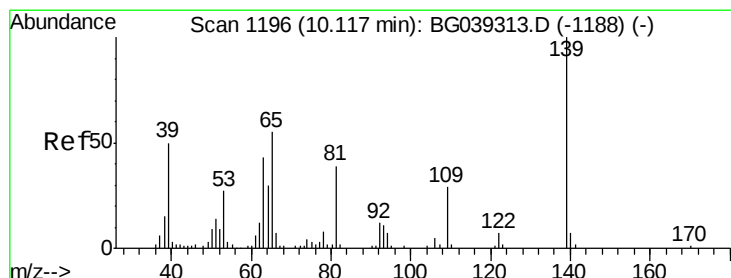
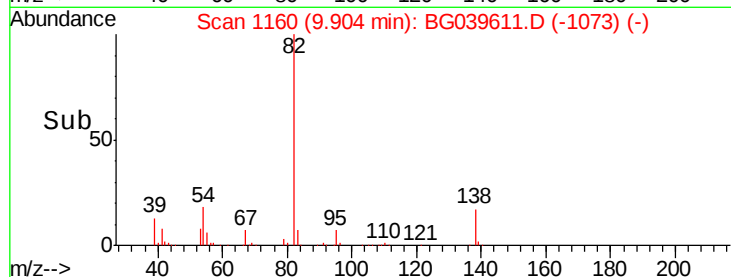
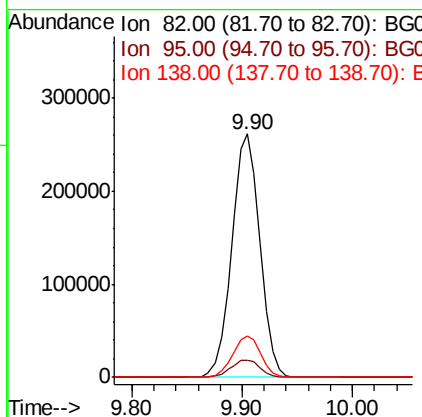
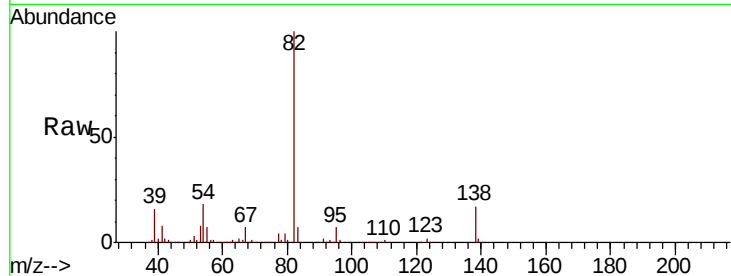
#25
Isophorone
Concen: 54.727 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.2	9.2
138	17.0	13.0	19.4

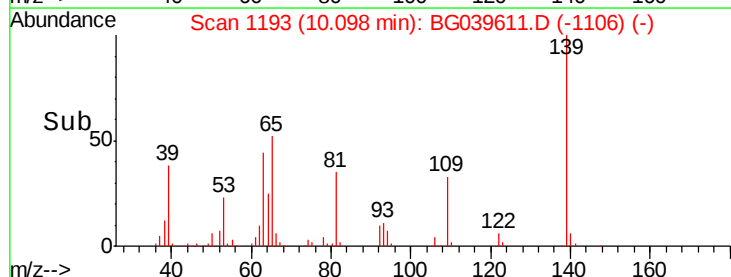
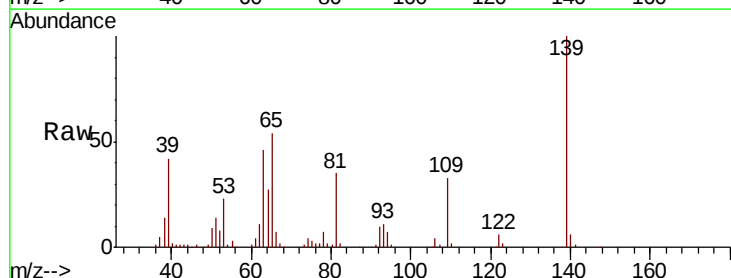
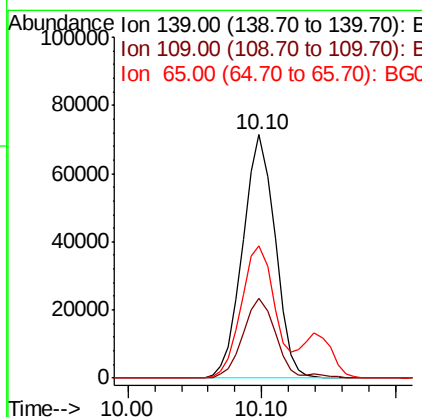
Manual Integrations
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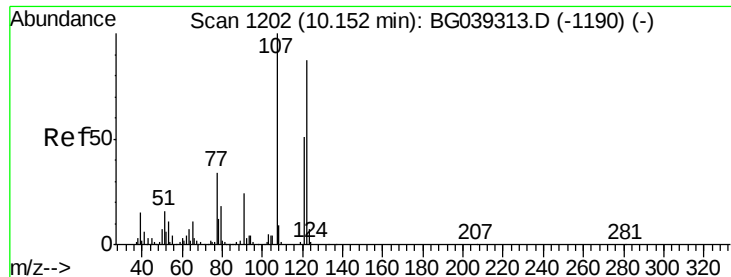
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#26
2-Nitrophenol
Concen: 65.843 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.0	23.4	35.0
65	54.1	44.3	66.5





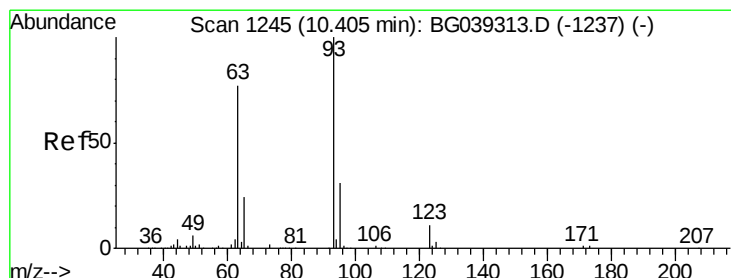
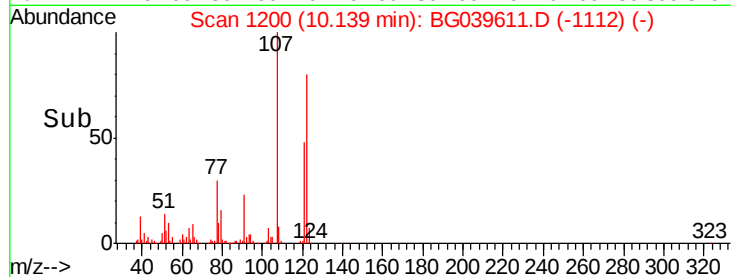
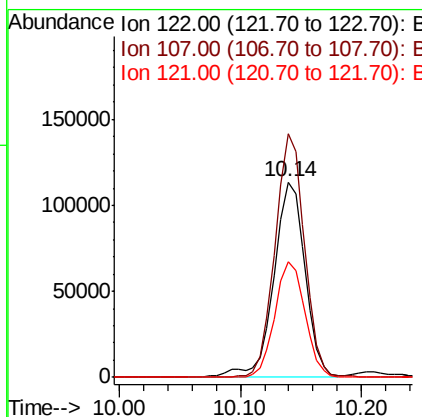
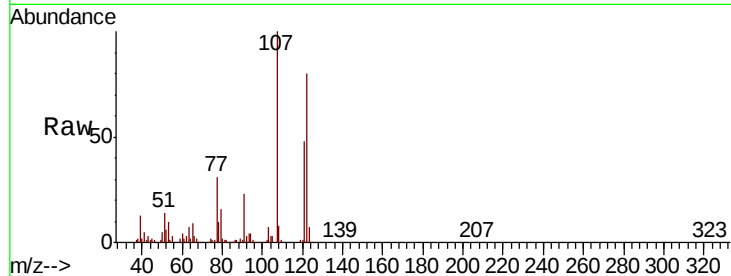
#27
2,4-Dimethylphenol
Concen: 58.900 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	202536		
107	124.7	91.7	137.5	
121	59.4	46.4	69.6	

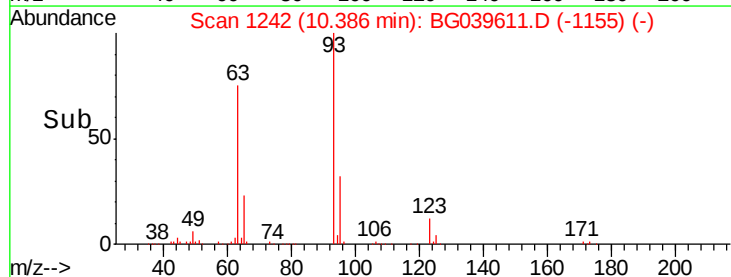
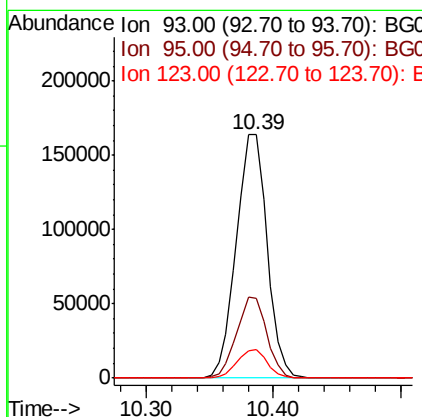
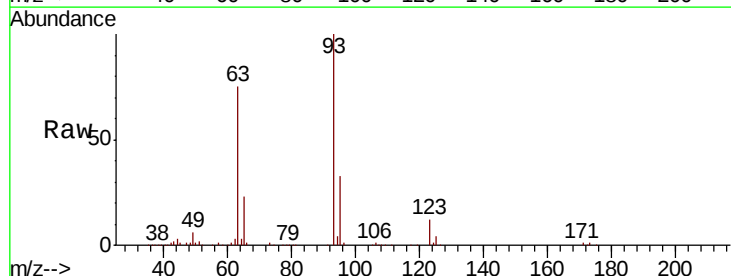
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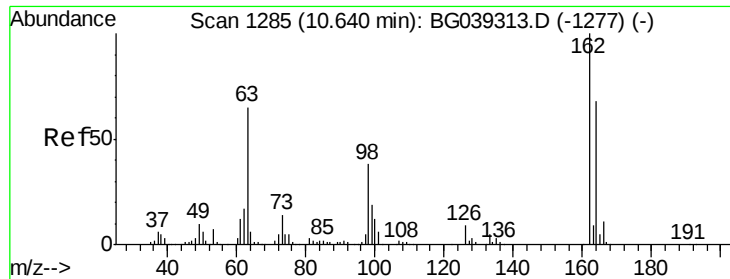
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.886 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276897		
95	32.6	25.0	37.4	
123	11.8	8.6	12.8	





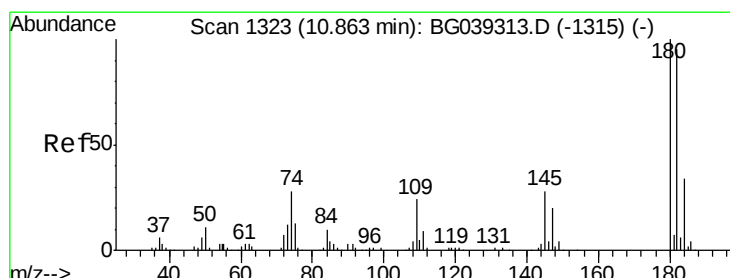
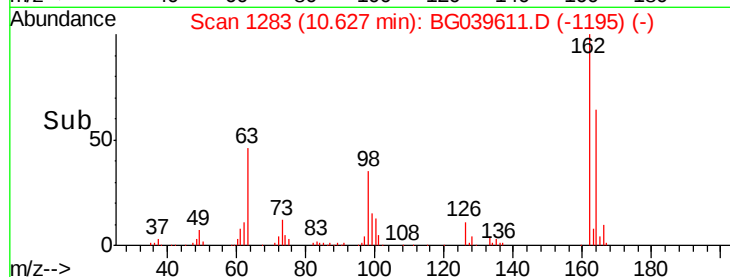
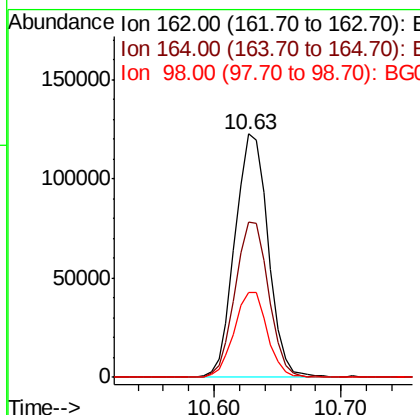
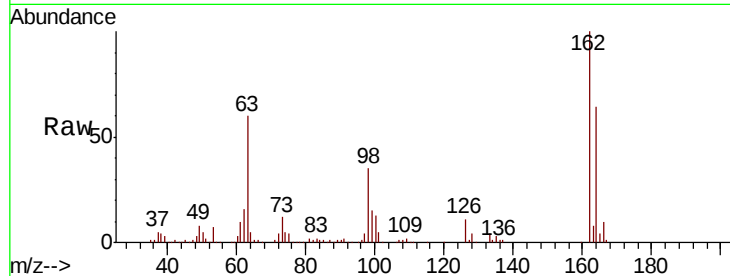
#29
2,4-Dichlorophenol
Concen: 59.254 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	48.1	88.1
98	35.0	18.1	58.1

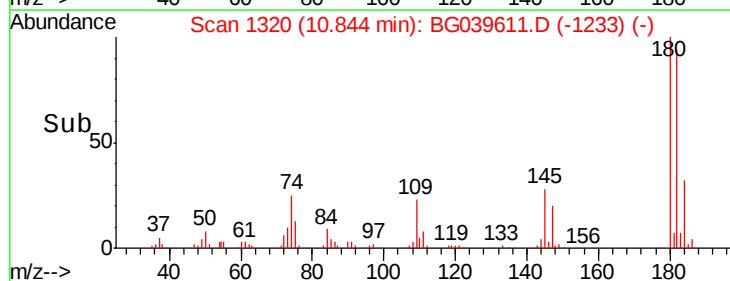
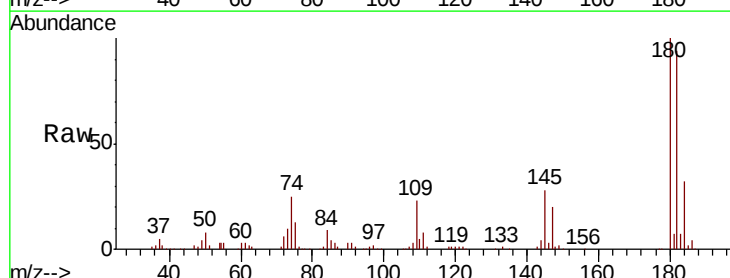
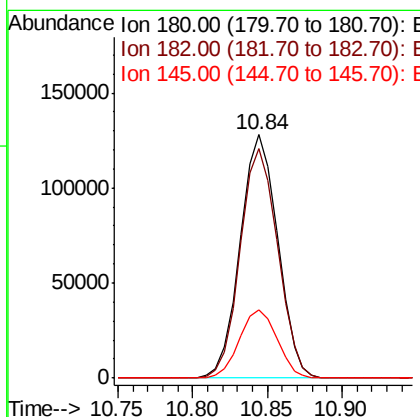
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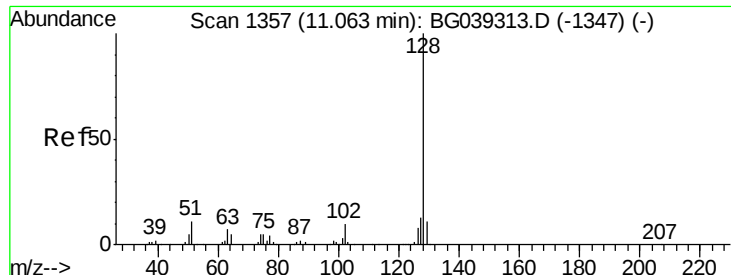
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#30
1,2,4-Trichlorobenzene
Concen: 52.922 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	76.0	114.0
145	27.8	22.7	34.1





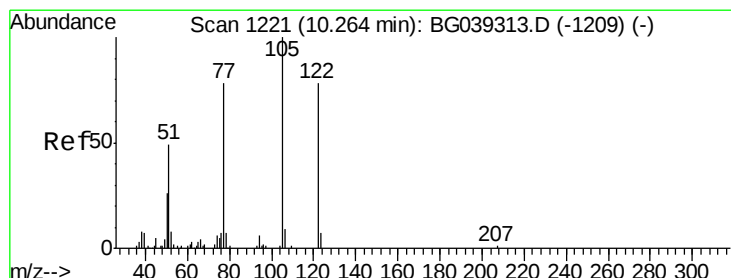
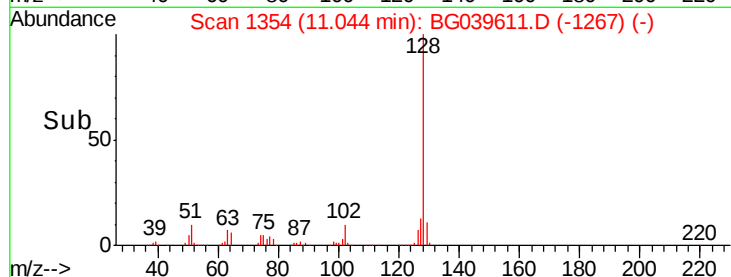
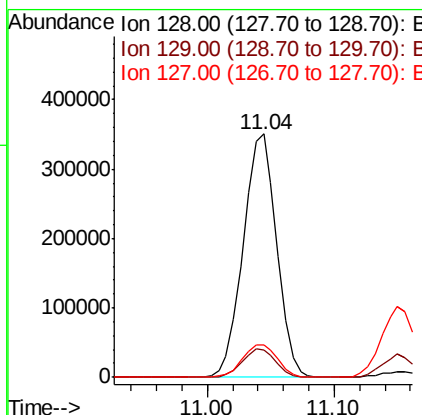
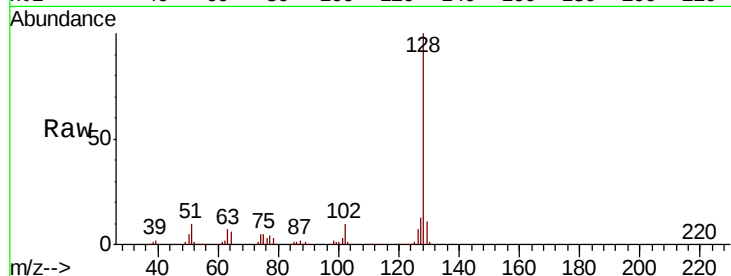
#31
Naphthalene
Concen: 53.756 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.3	10.8	16.2

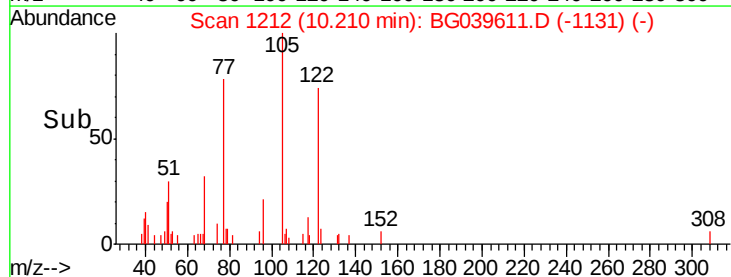
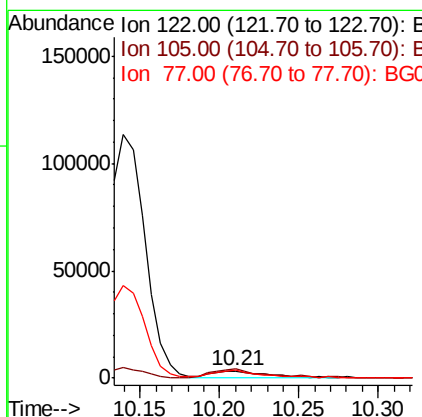
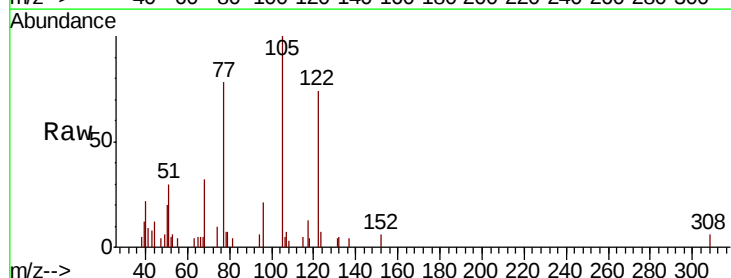
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#32
Benzoic acid
Concen: 11.551 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	101.8	141.8
77	105.7	76.3	116.3





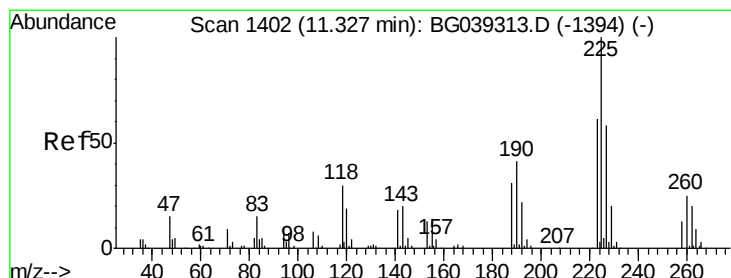
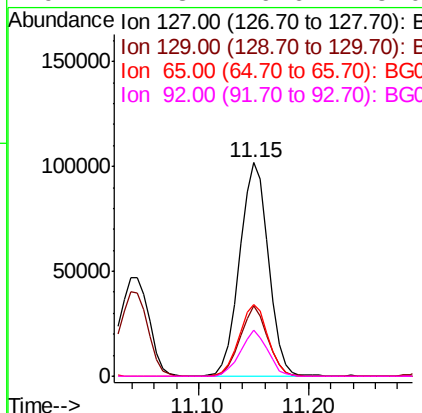
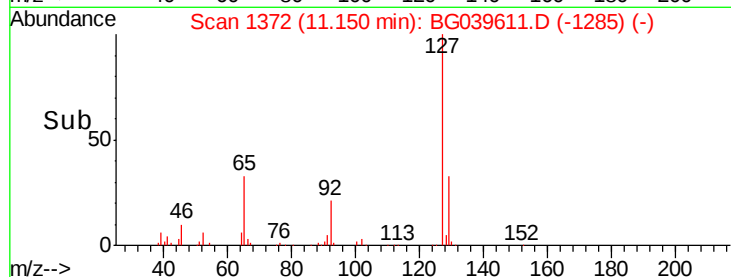
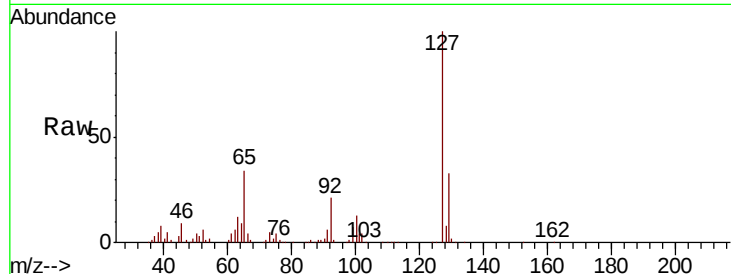
#33
4-Chloroaniline
Concen: 33.911 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	27.0	40.4	
65	33.7	28.8	43.2	
92	21.3	16.6	25.0	

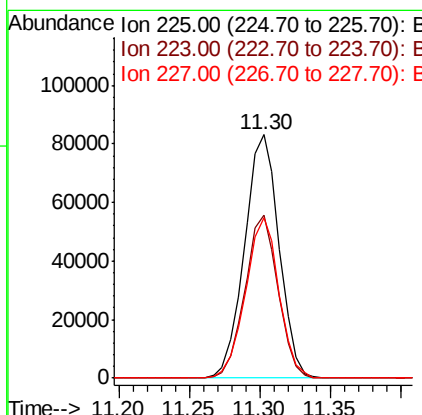
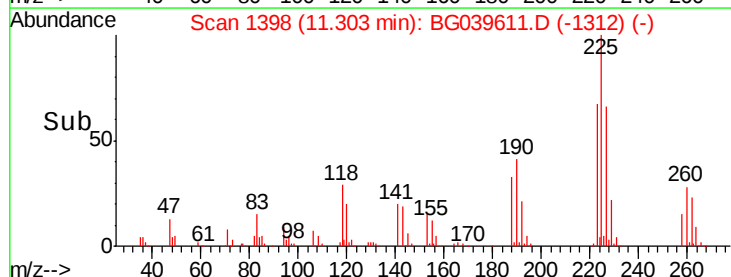
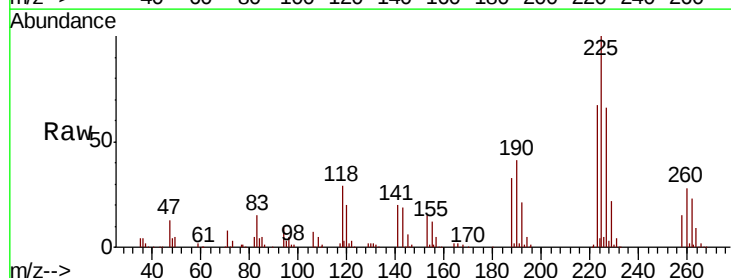
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#34
Hexachlorobutadiene
Concen: 50.649 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.7	49.0	73.6	
227	66.0	46.3	69.5	





#35

Caprolactam

Concen: 49.537 ng/ml

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

Tot Ion:113 Resp: 77038

Ion Ratio Lower Upper

113 100

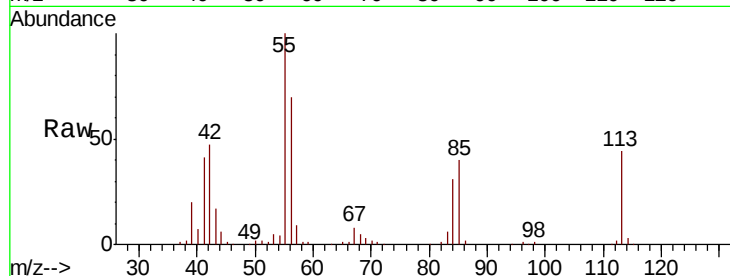
55 227.6 216.9 256.9

56 160.3 152.6 192.6

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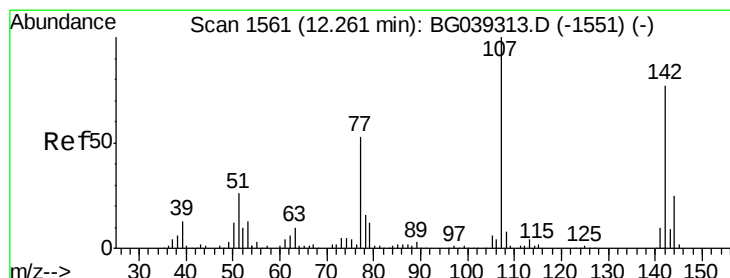
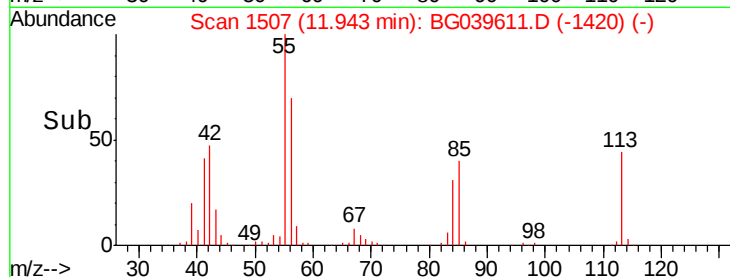
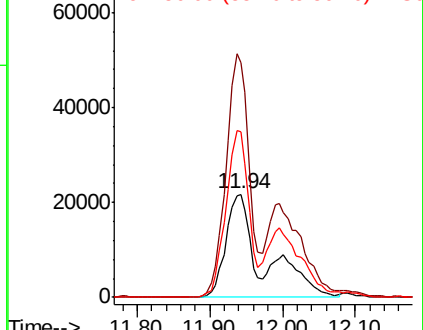
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039611.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039611.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 55.680 ng/ml

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

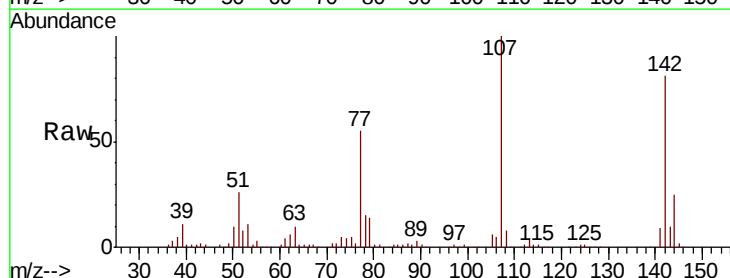
Tgt Ion:107 Resp: 242005

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

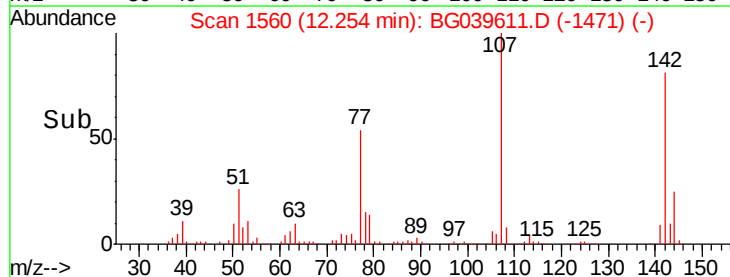
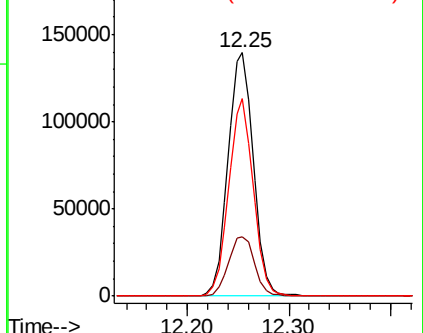
142 81.2 61.4 92.2

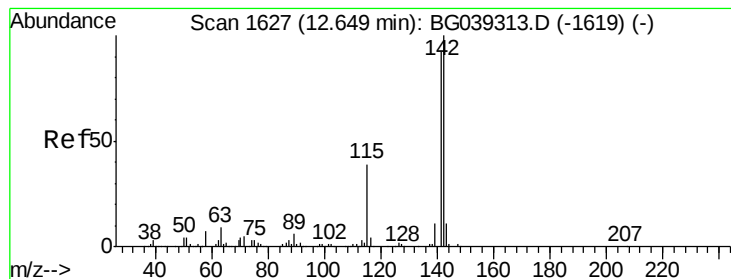


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





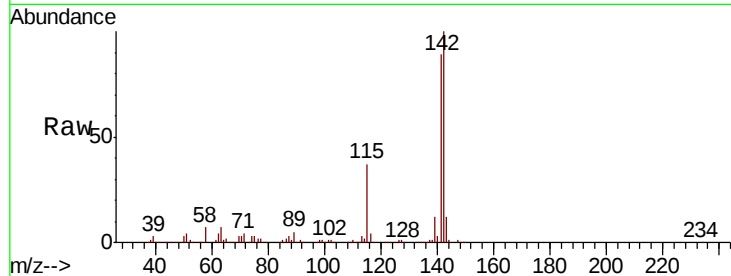
#37
2-Methylnaphthalene
Concen: 54.982 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.5	110.3
115	36.9	30.8	46.2

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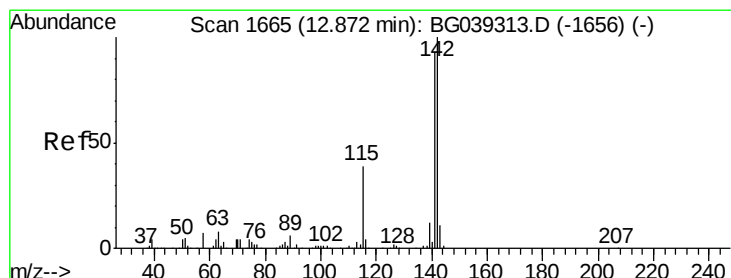
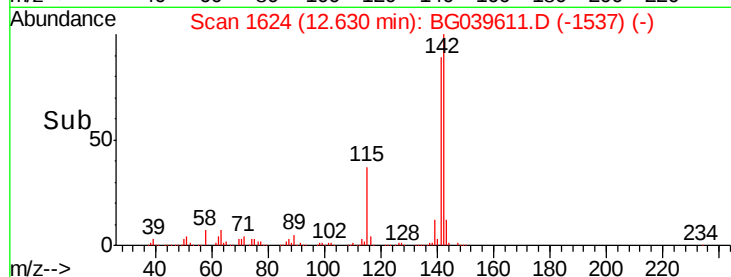
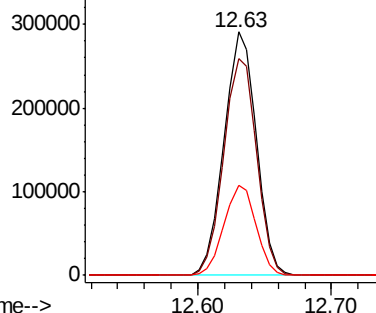


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 53.561 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

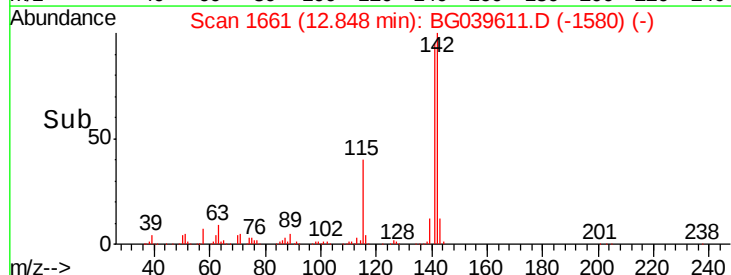
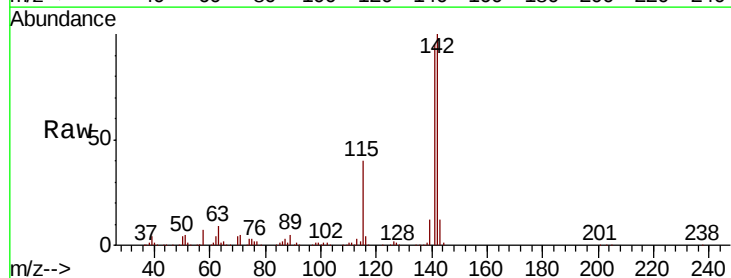
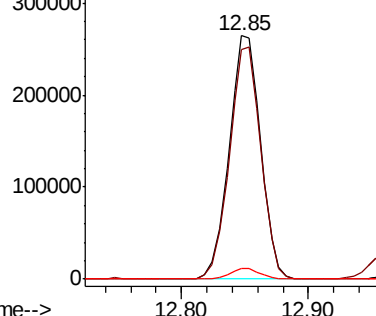
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.2	111.4
116	4.3	3.0	4.6

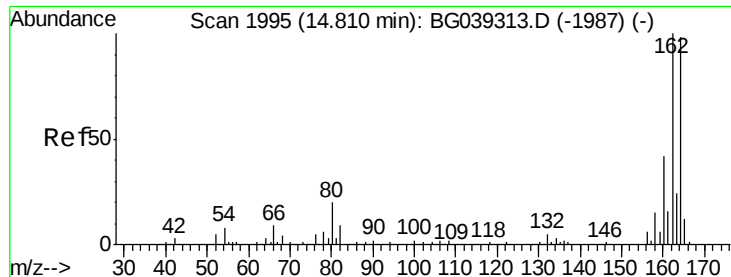
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

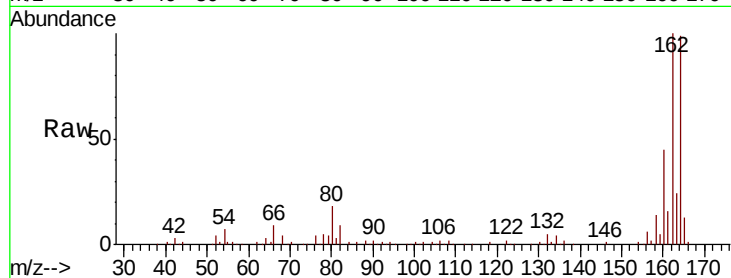
ClientSampled :

B-4B(14-15)MS

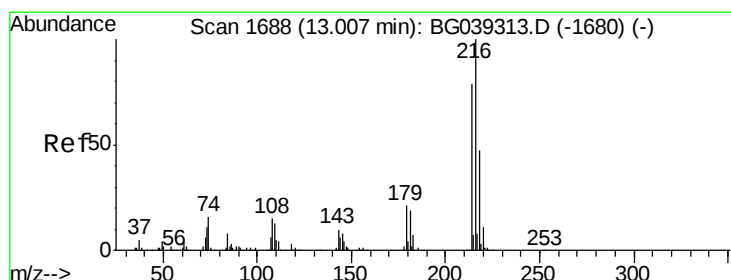
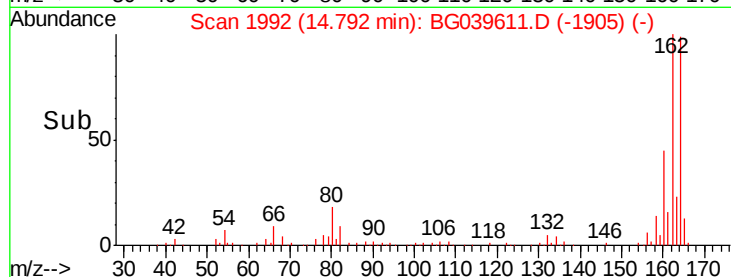
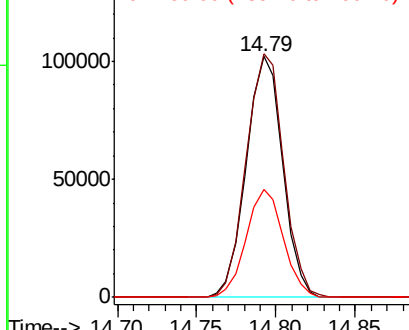
Tot Ion:	164	Resp:	162969
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.6	122.4
160	45.0	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.772 ng

RT: 12.99 min Scan# 1685

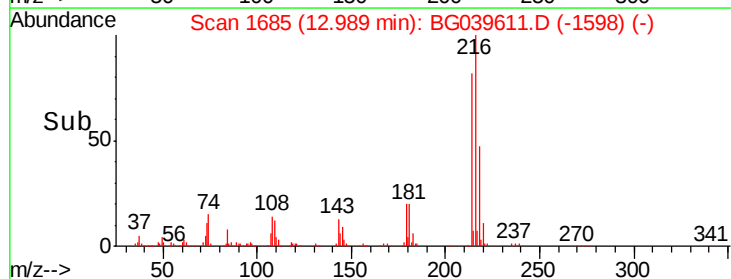
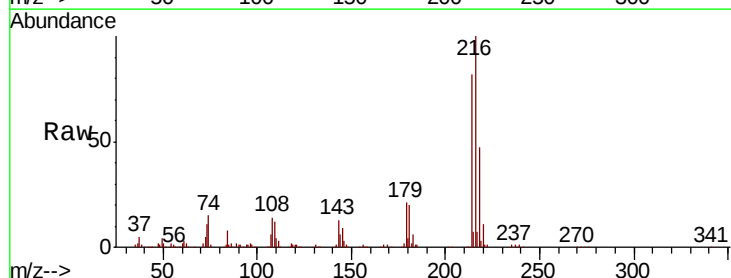
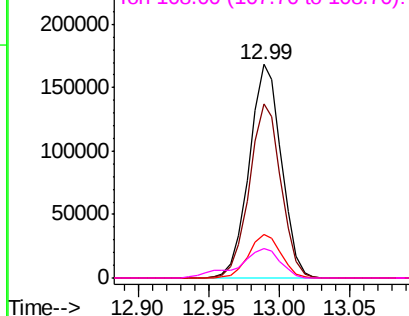
Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	216	Resp:	268450
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	94.0
179	20.4	16.6	25.0
108	17.9	14.0	21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 116.449 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

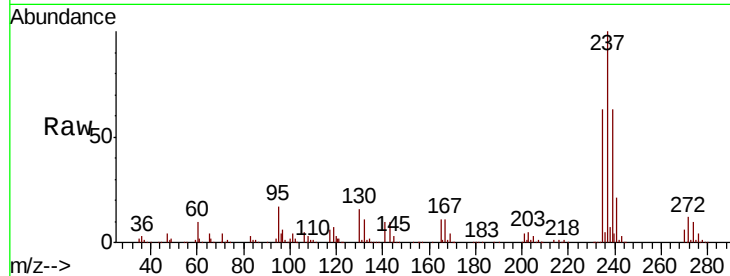
ClientSampleId :

B-4B(14-15)MS

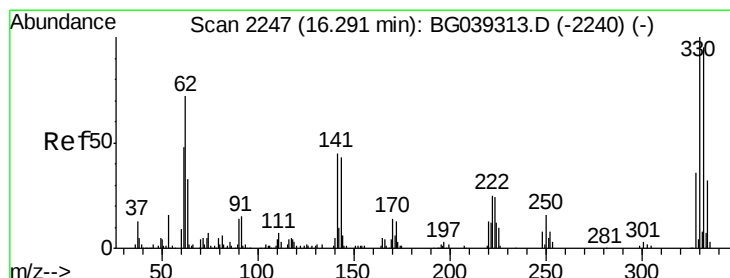
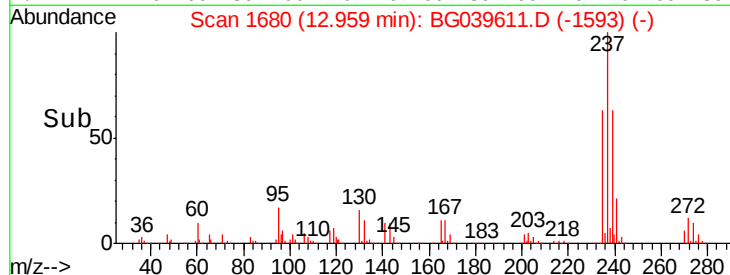
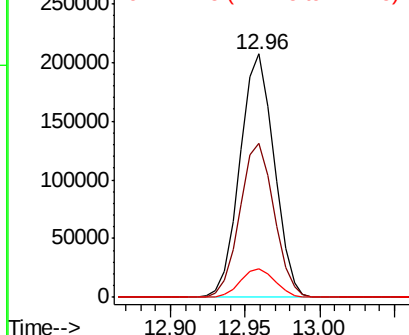
Tot Ion:	237	Resp:	329025
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	11.6	0.0	32.3

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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: 182.663 ng

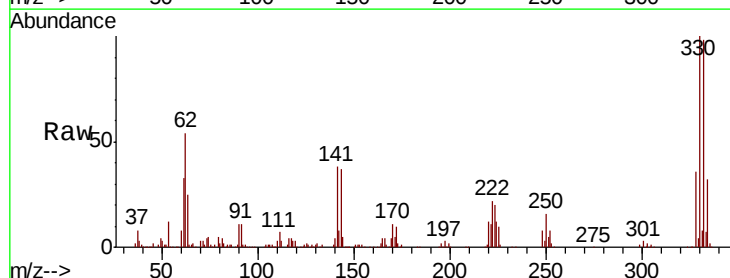
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

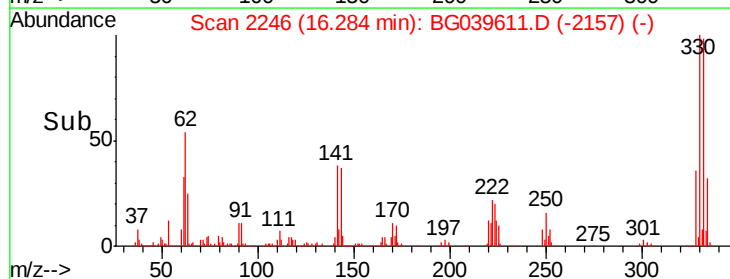
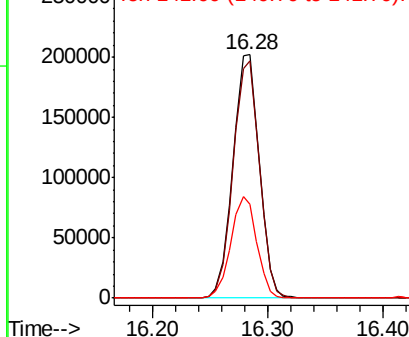
Lab File: BG039611.D

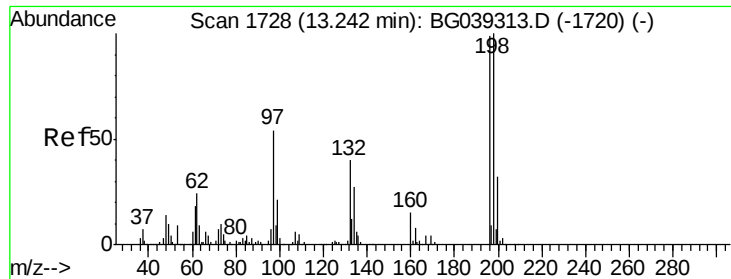
Acq: 26 Feb 2019 21:59

Tgt Ion:	330	Resp:	320554
Ion Ratio	Lower	Upper	
330	100		
332	97.1	75.7	113.5
141	40.9	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





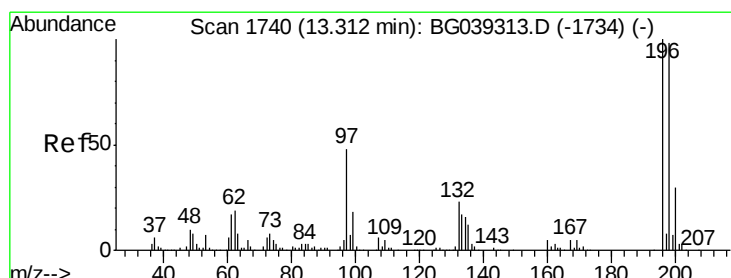
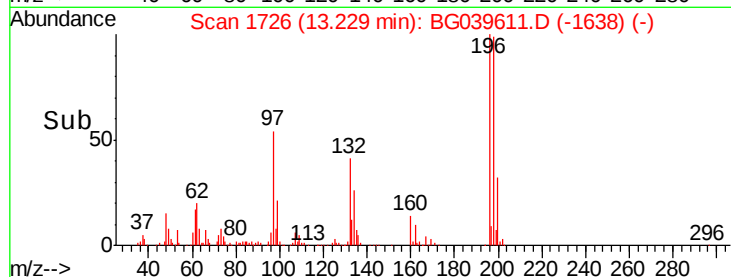
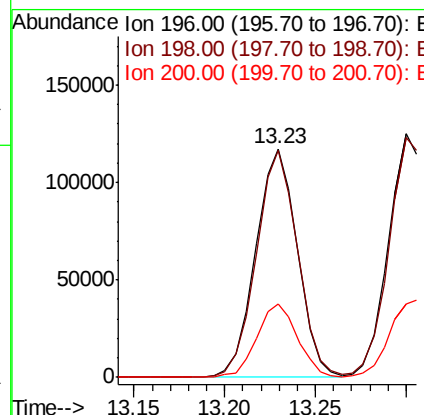
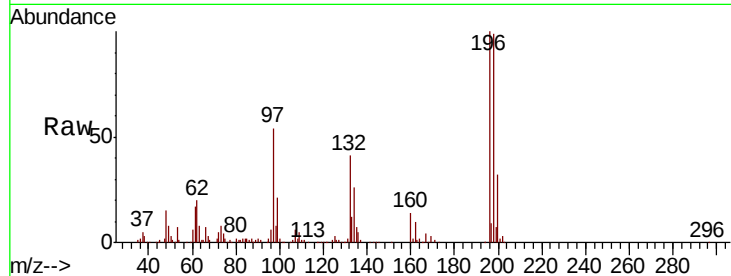
#43
 2,4,6-Trichlorophenol
 Concen: 58.672 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187053		
198	99.0	80.6	121.0	
200	31.9	26.1	39.1	

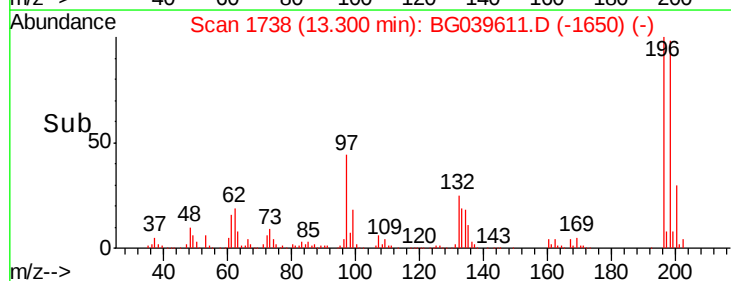
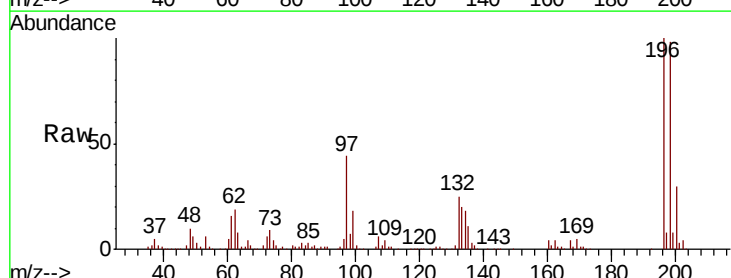
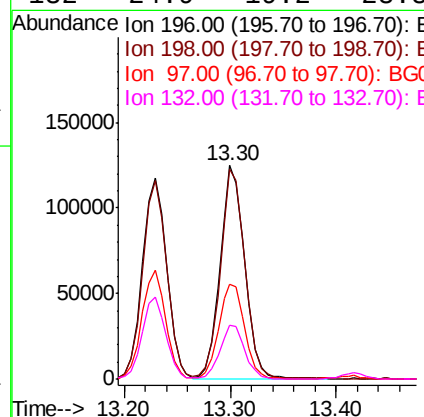
Manual Integrations
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#44
 2,4,5-Trichlorophenol
 Concen: 60.588 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202450		
198	98.3	78.5	117.7	
97	44.2	38.4	57.6	
132	24.9	19.2	28.8	





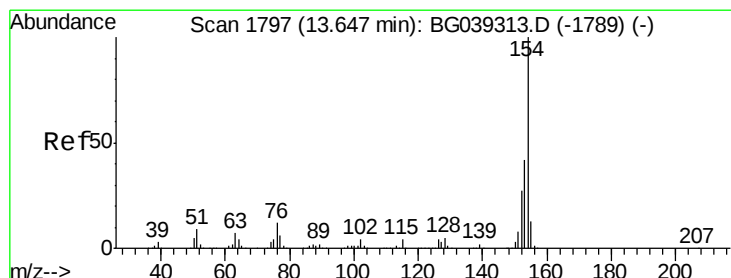
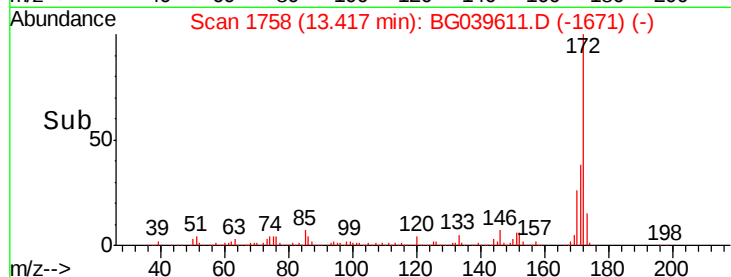
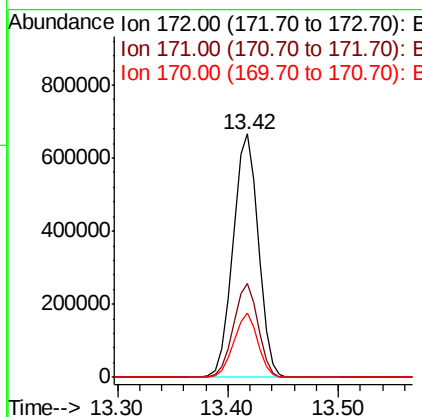
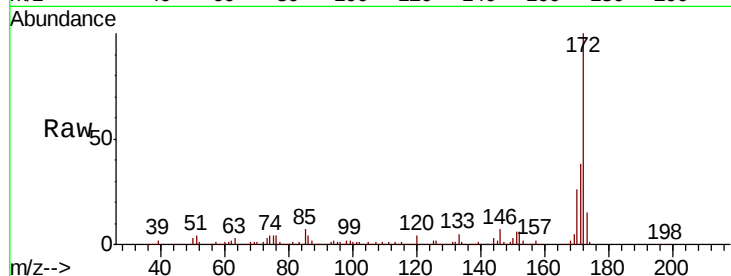
#45
2-Fluorobiphenyl
Concen: 94.124 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.4	20.2	30.4

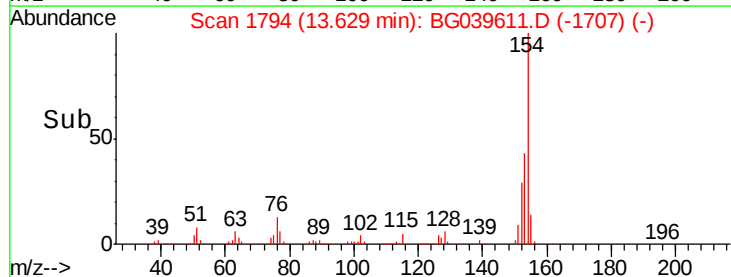
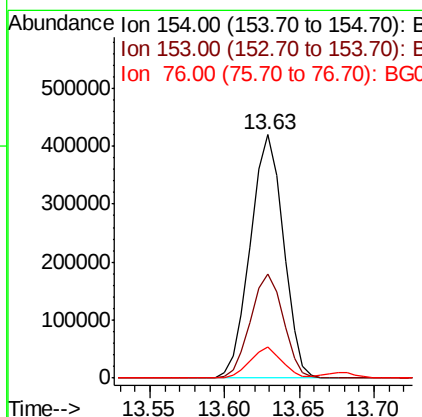
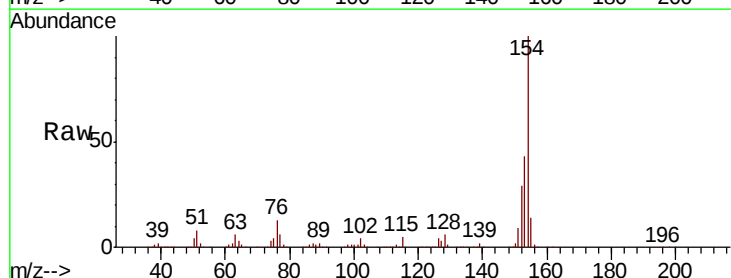
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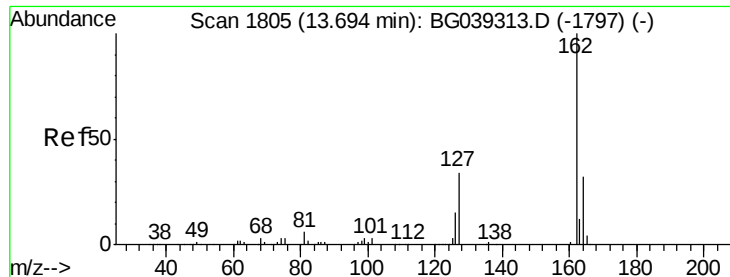
Sohil
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#46
1,1'-Biphenyl
Concen: 47.412 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.6	0.0	32.4





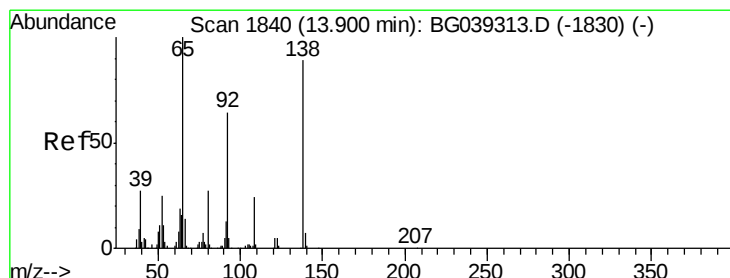
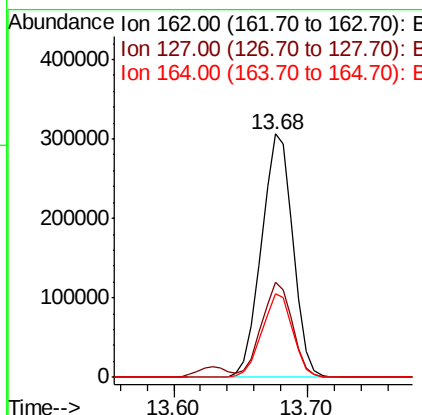
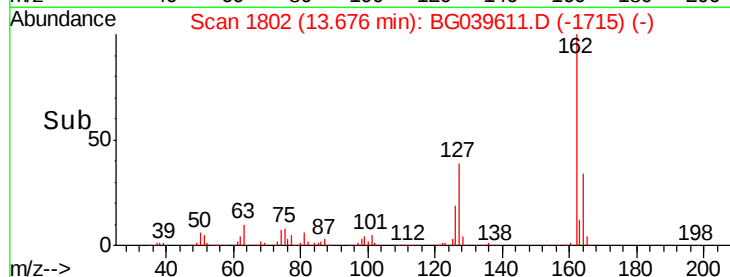
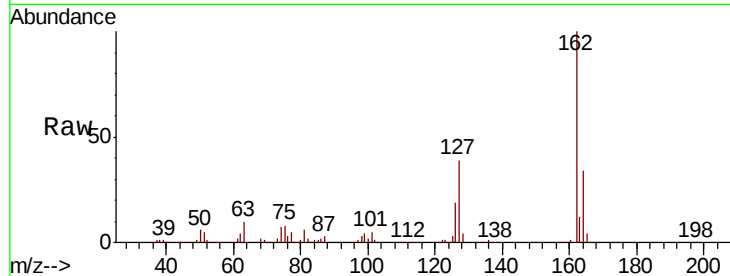
#47
2-Chloronaphthalene
Concen: 48.924 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.6
164	34.2	25.7	38.5

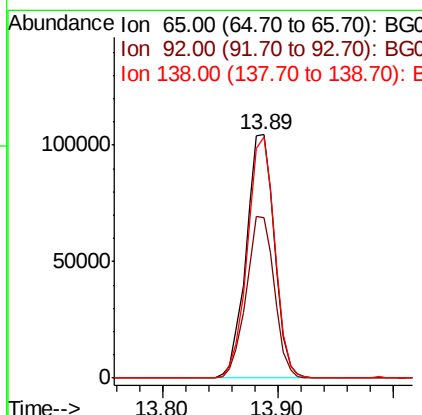
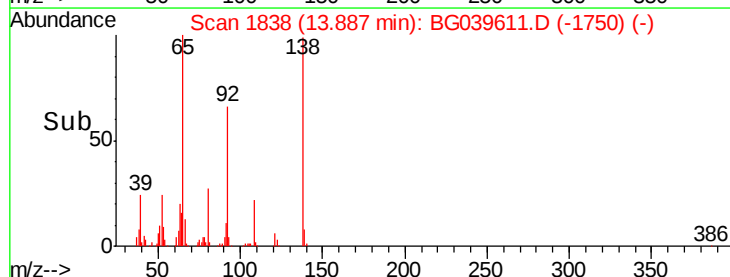
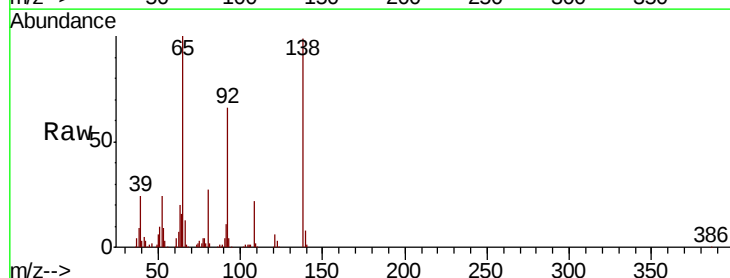
Manual Integrations
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#48
2-Nitroaniline
Concen: 58.534 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	51.4	77.2
138	98.8	71.4	107.2





#49

Acenaphthylene

Concen: 52.537 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

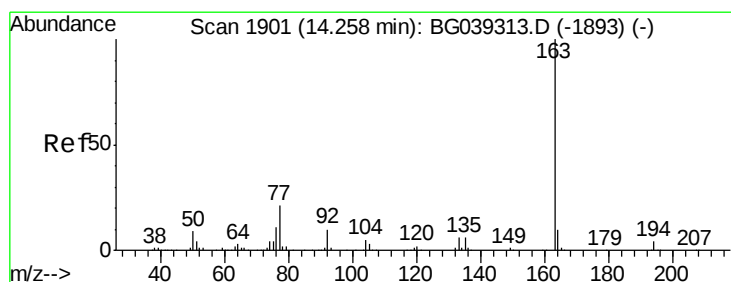
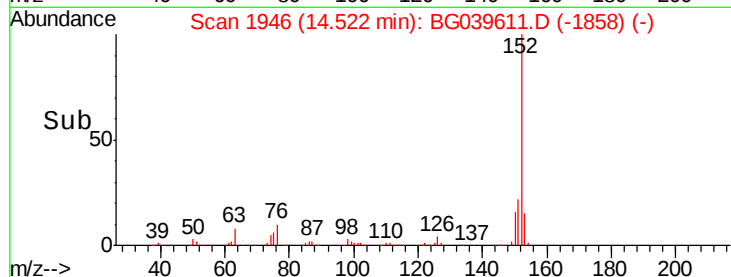
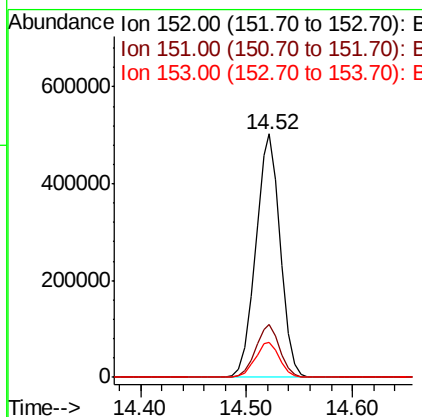
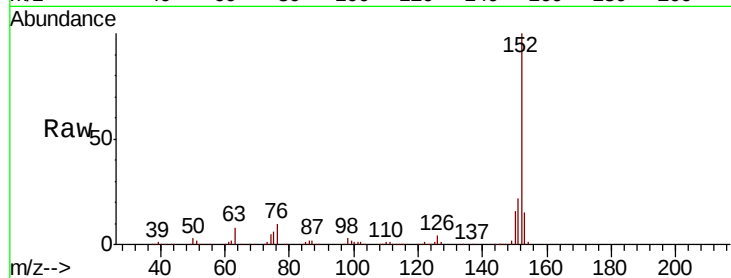
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	152	Resp:	808631
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.6	11.7	17.5

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#50

Dimethylphthalate

Concen: 55.368 ng

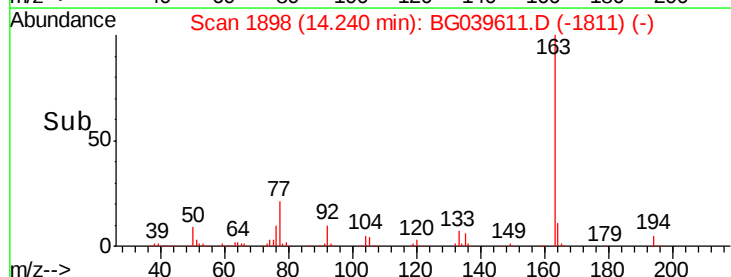
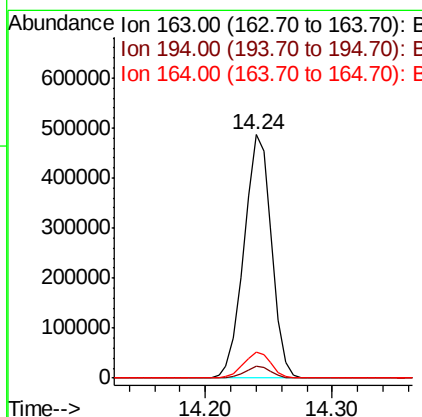
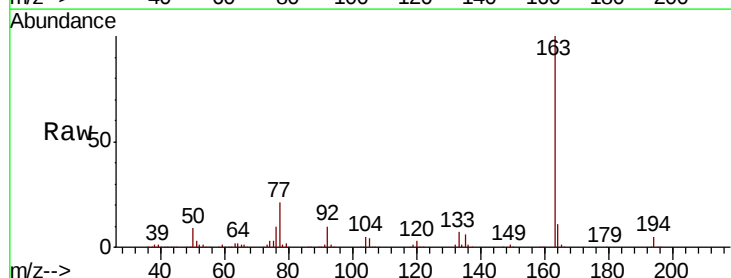
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	163	Resp:	728754
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	10.7	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 60.741 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MS

Tot Ion:165 Resp: 154378

Ion Ratio Lower Upper

165 100

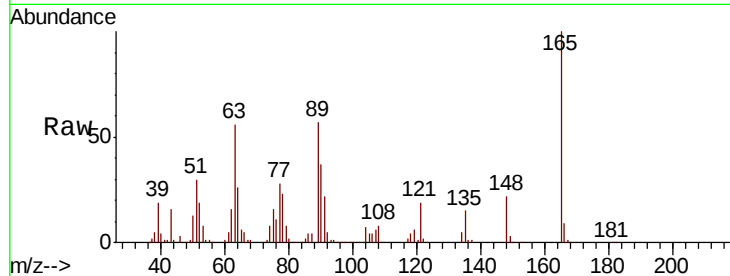
63 56.4 47.0 70.6

89 56.9 45.8 68.8

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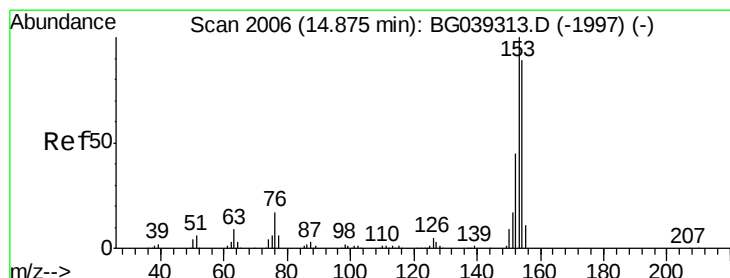
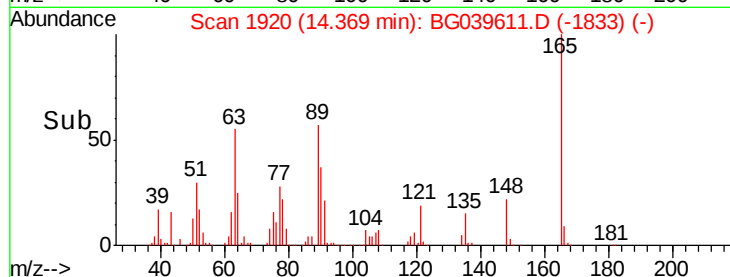
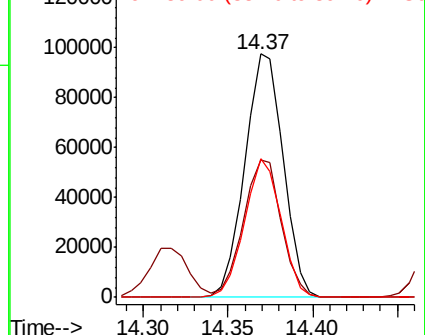
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 49.471 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

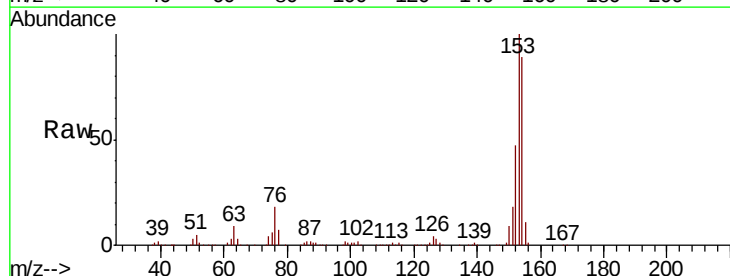
Tgt Ion:154 Resp: 494269

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

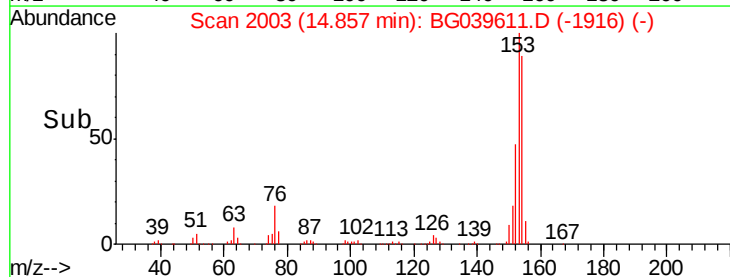
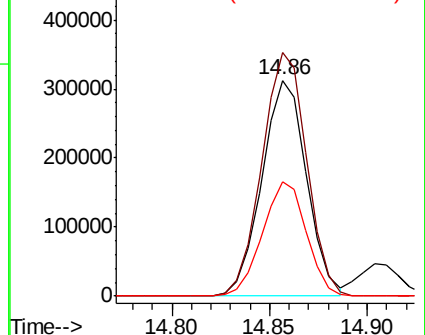
152 52.8 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





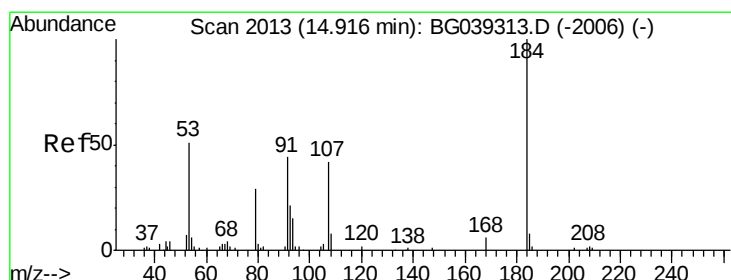
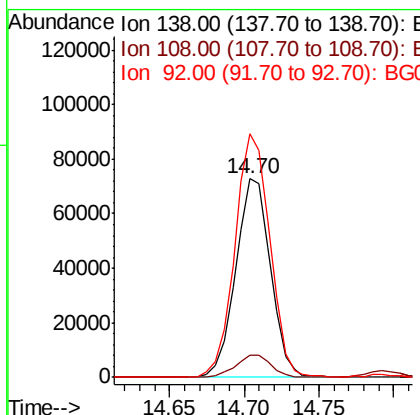
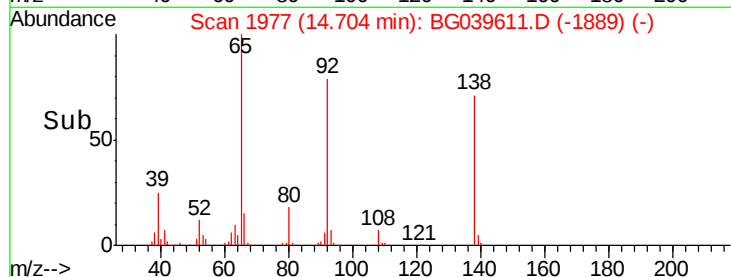
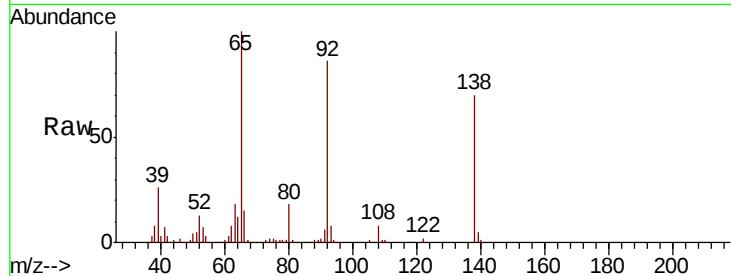
#53
3-Nitroaniline
Concen: 44.827 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion:138 Resp: 117828
Ion Ratio Lower Upper
138 100
108 11.3 13.8 20.8#
92 122.7 103.7 155.5

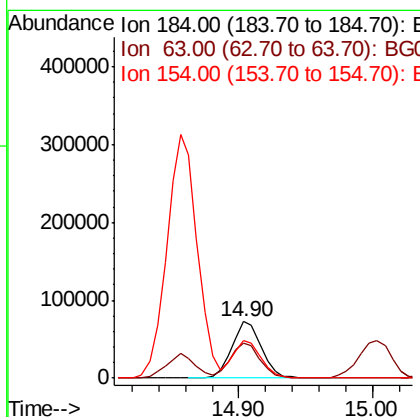
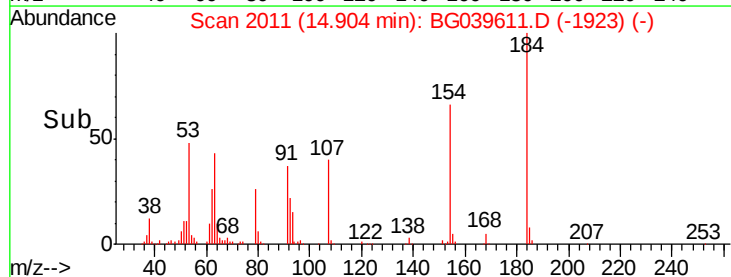
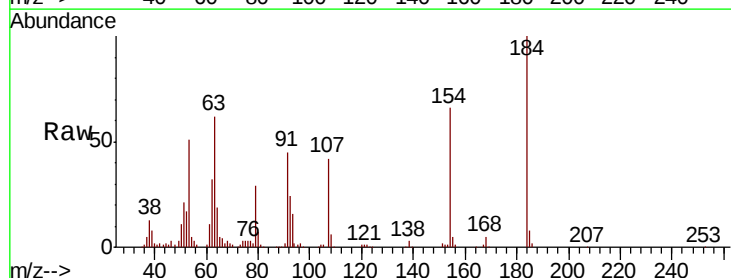
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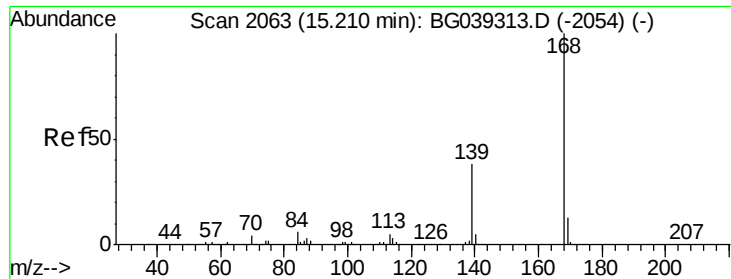
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#54
2,4-Dinitrophenol
Concen: 94.878 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:184 Resp: 112640
Ion Ratio Lower Upper
184 100
63 62.4 50.9 76.3
154 65.9 53.0 79.6





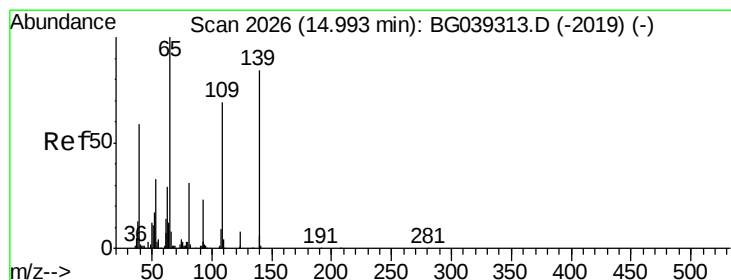
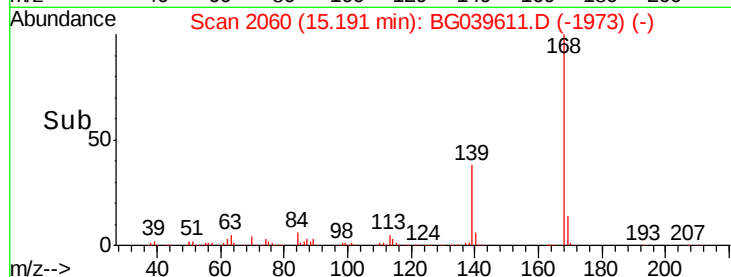
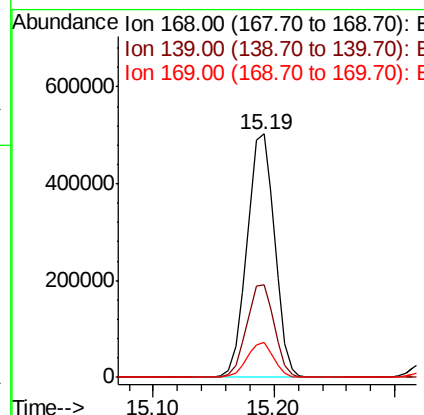
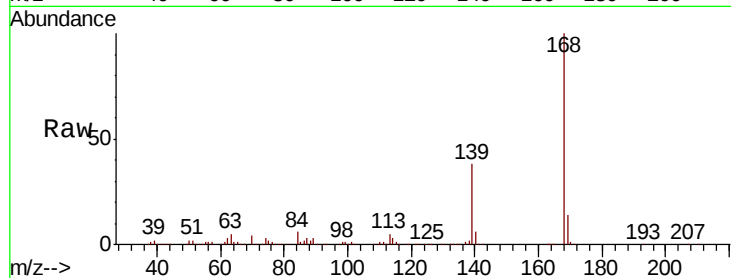
#55
Dibenzofuran
Concen: 50.174 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.3	10.6	16.0

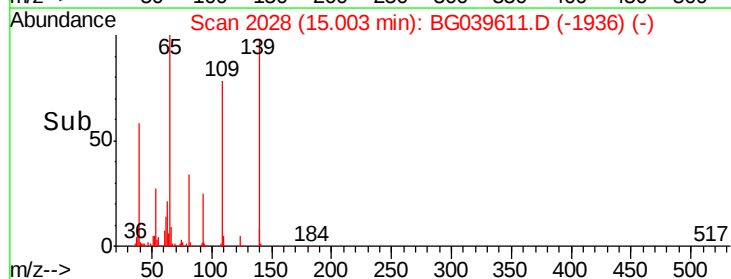
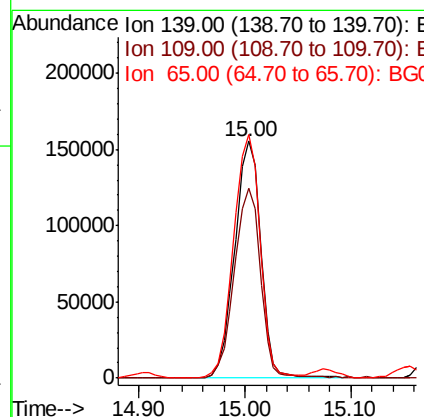
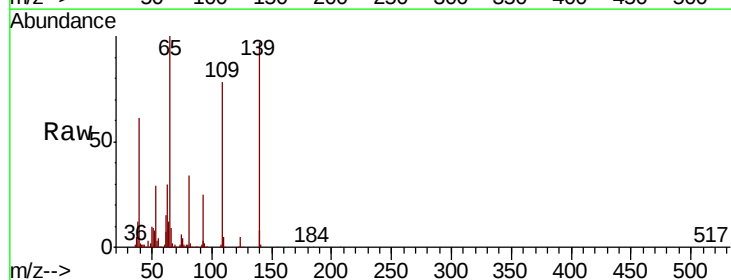
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#56
4-Nitrophenol
Concen: 109.314 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	61.9	101.9
65	102.7	99.1	139.1





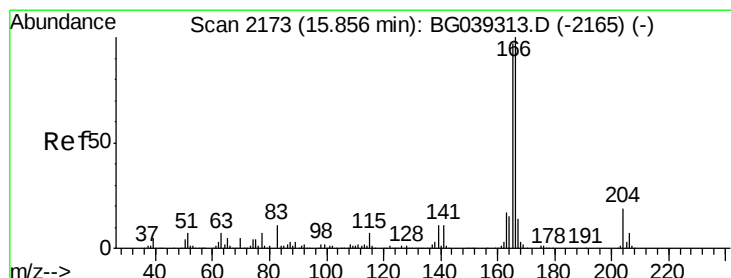
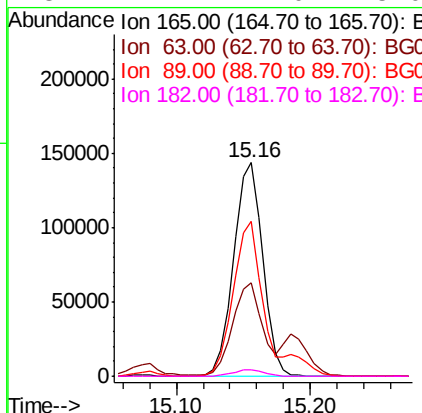
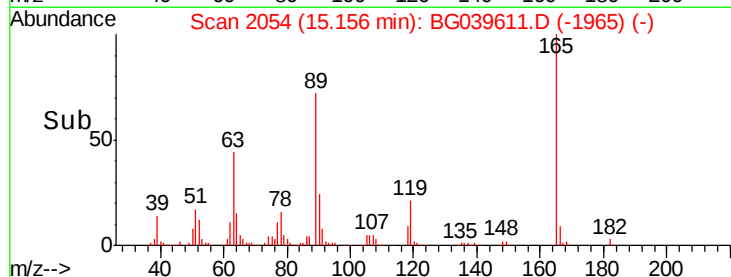
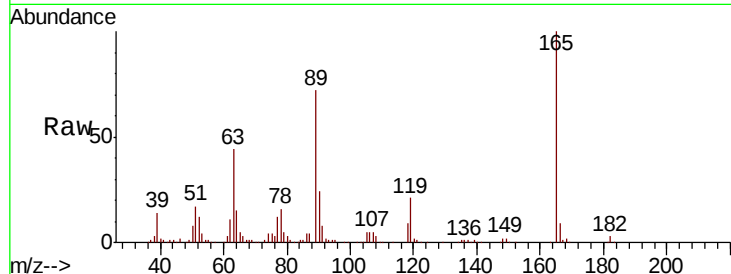
#57
2,4-Dinitrotoluene
Concen: 65.587 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217460		
63	43.6		41.0	61.6	
89	72.4		64.6	96.8	
182	2.7		2.0	3.0	

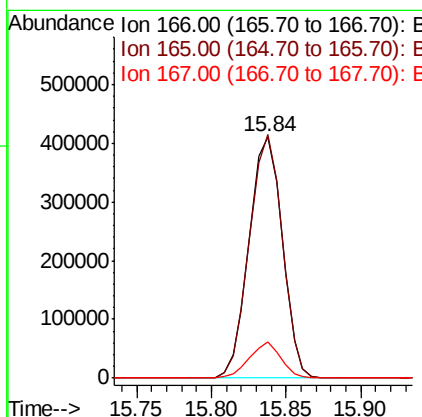
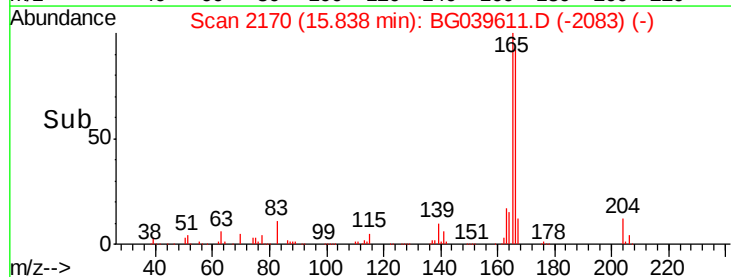
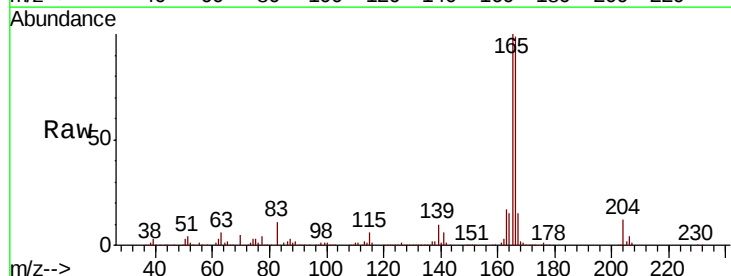
Manual Integrations
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#58
Fluorene
Concen: 53.042 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		633403		
165	101.0		77.9	116.9	
167	14.8		10.8	16.2	





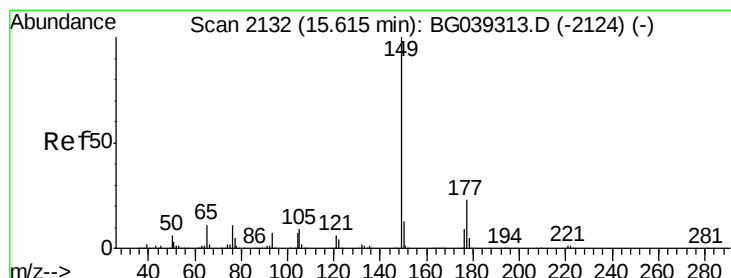
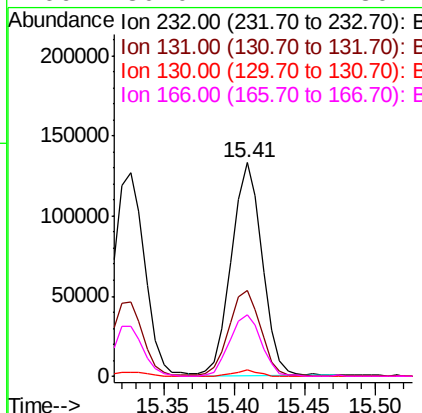
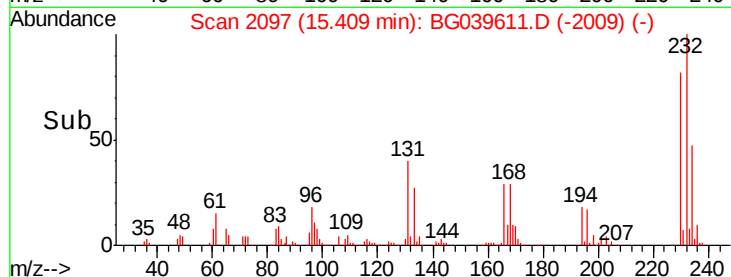
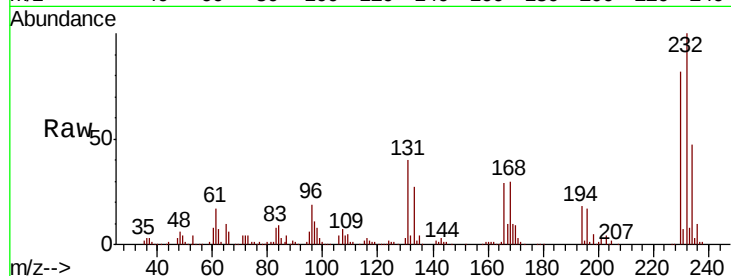
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.709 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	34.9	52.3
130	2.4	2.0	3.0
166	30.0	24.1	36.1

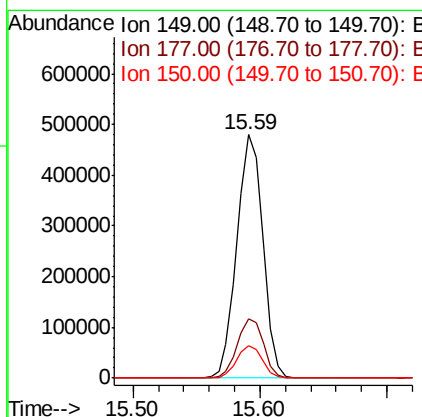
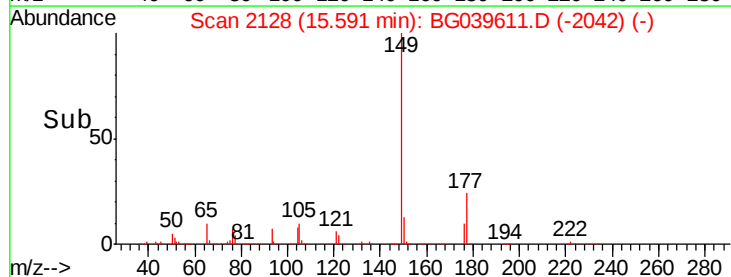
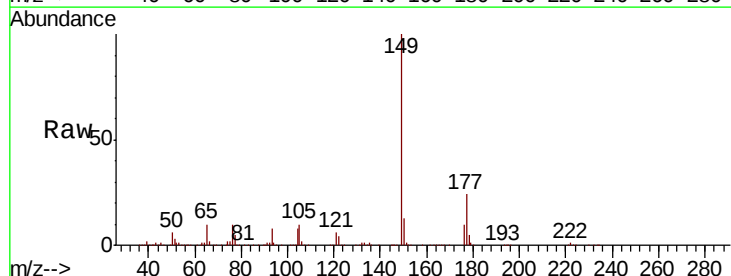
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#60
 Diethylphthalate
 Concen: 49.825 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039611.D
 Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	13.3	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 49.764 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

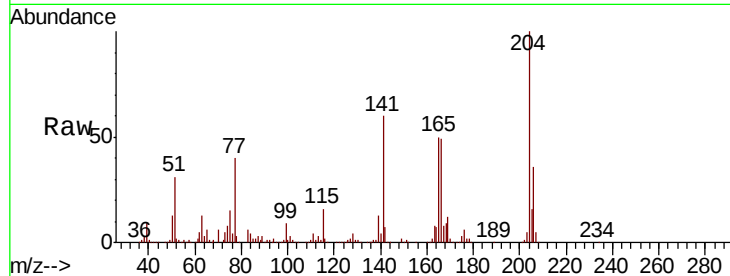
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	204	Resp:	336484
Ion Ratio	Lower	Upper	
204	100		
206	35.6	29.2	43.8
141	60.2	49.0	73.4

Manual Integrations
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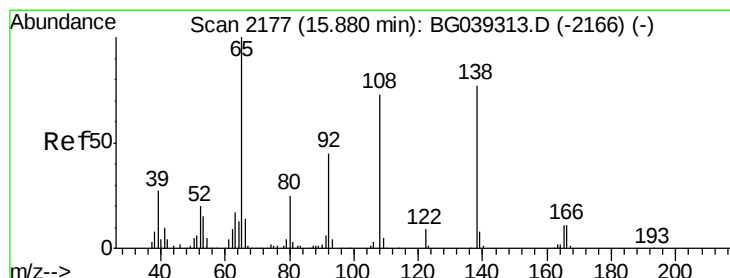
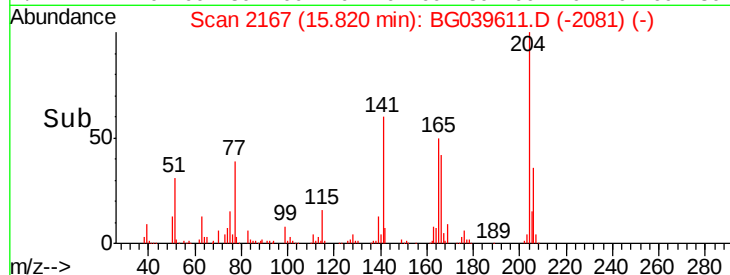
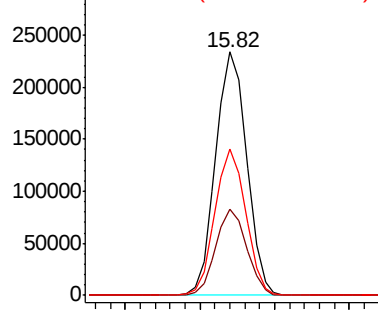


Abundance

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: 59.940 ng

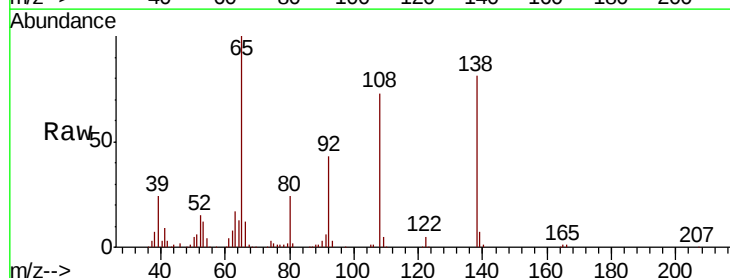
RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	138	Resp:	168600
Ion Ratio	Lower	Upper	
138	100		
92	52.7	38.7	78.7
108	90.3	74.6	114.6

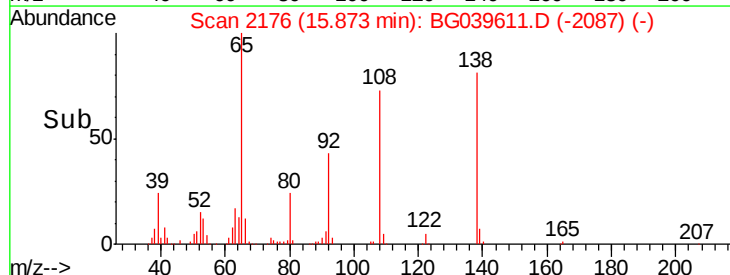
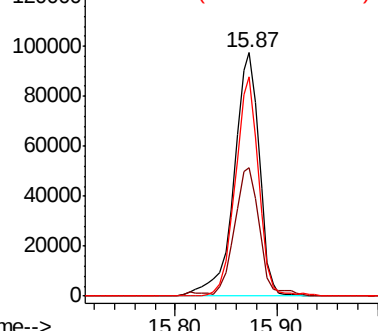


Abundance

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





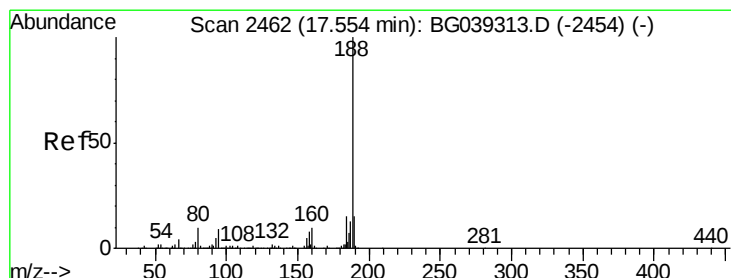
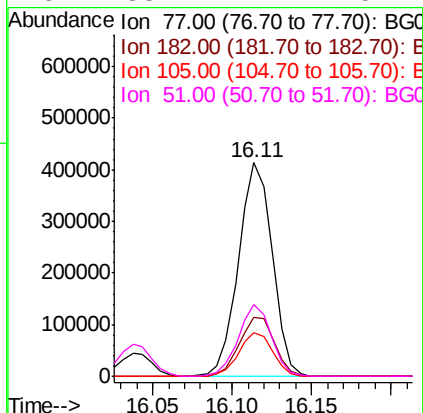
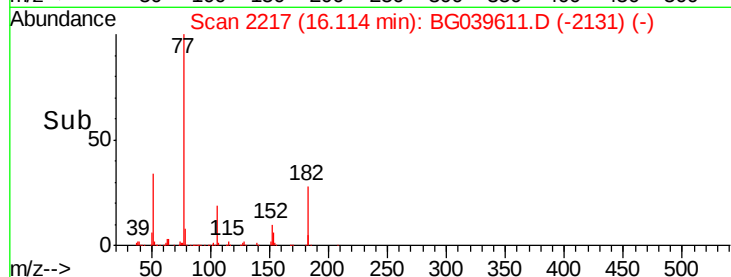
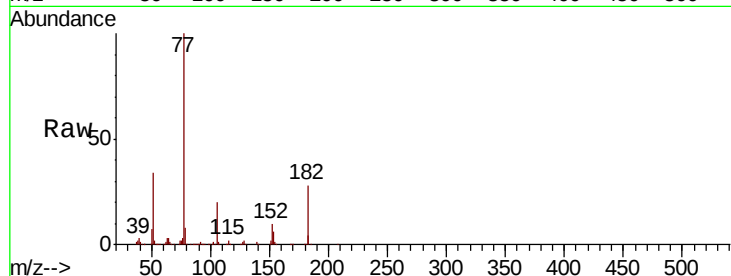
#63
Azobenzene
Concen: 45.829 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	6.4	46.4	
105	20.4	0.0	39.8	
51	33.7	14.1	54.1	

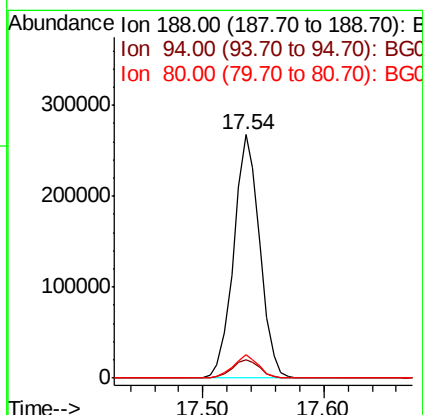
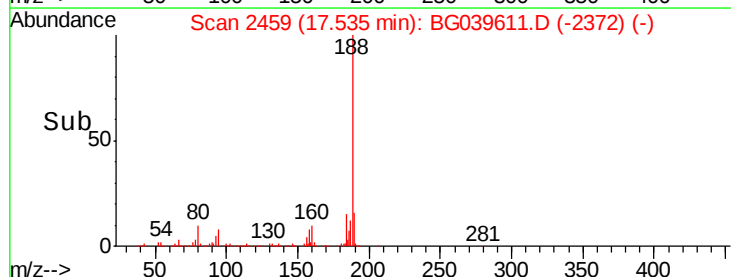
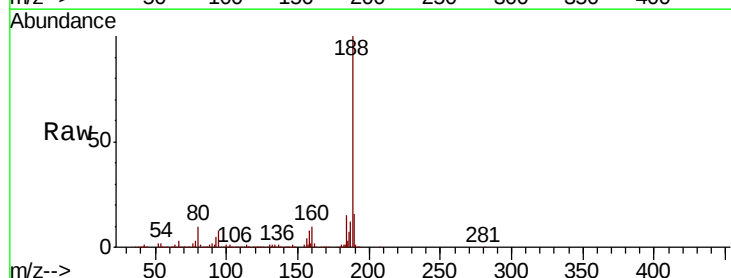
Manual Integrations
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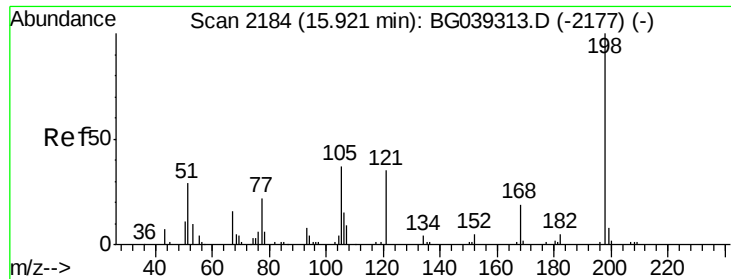
Sohil
2/27/2019 4:21:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	6.9	10.3	
80	9.7	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 67.161 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

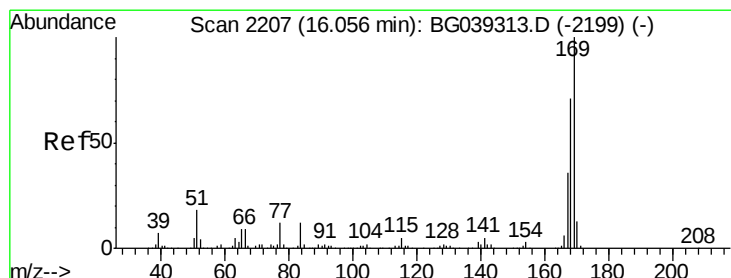
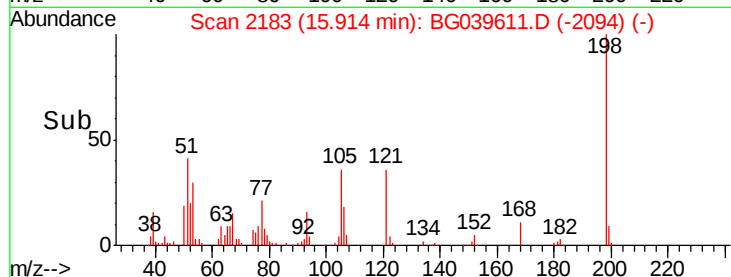
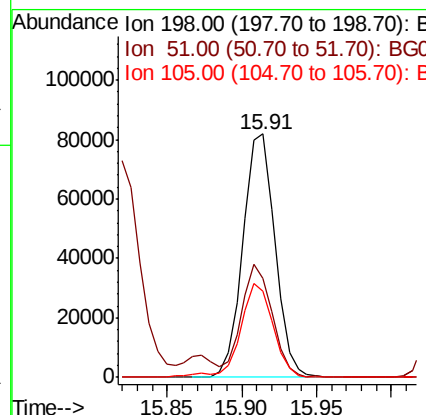
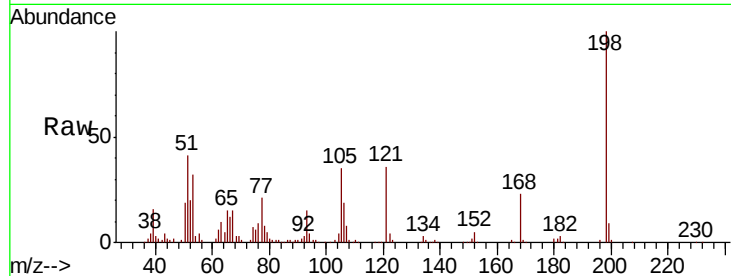
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	198	Resp:	122331
Ion Ratio	Lower	Upper	
198	100		
51	40.7	27.4	67.4
105	35.2	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 48.605 ng

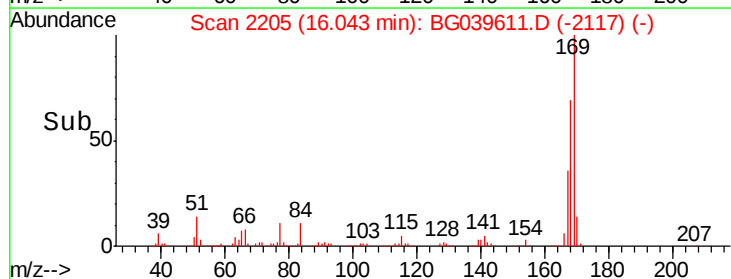
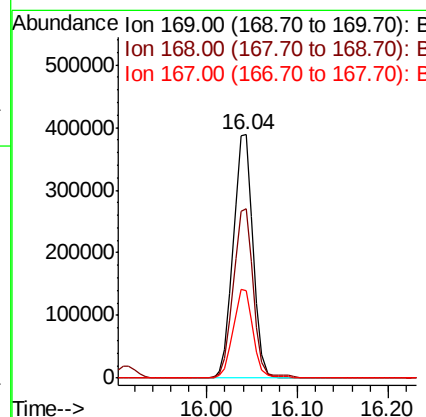
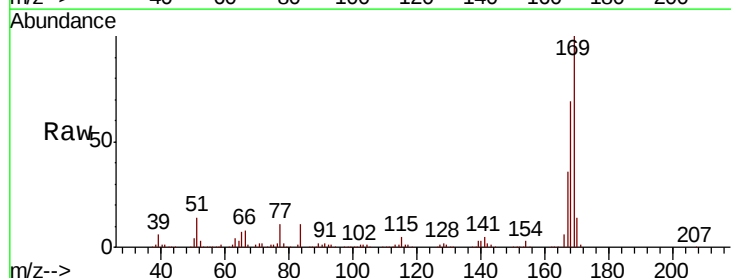
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	169	Resp:	591040
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.6	85.0
167	36.0	28.8	43.2





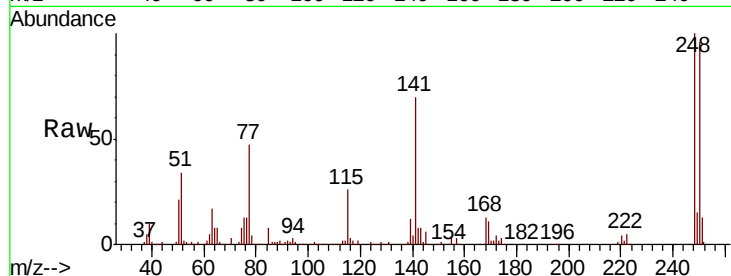
#67
4-Bromophenyl-phenylether
Concen: 50.949 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.6	116.4
141	69.7	63.9	95.9

Manual Integrations
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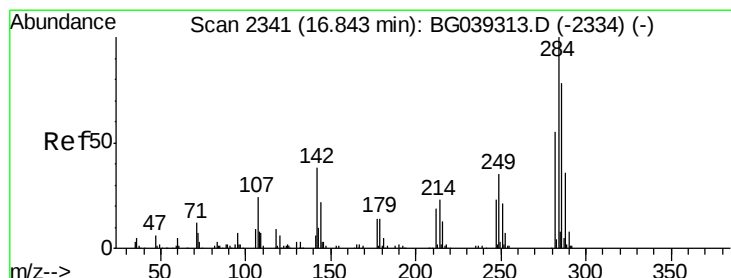
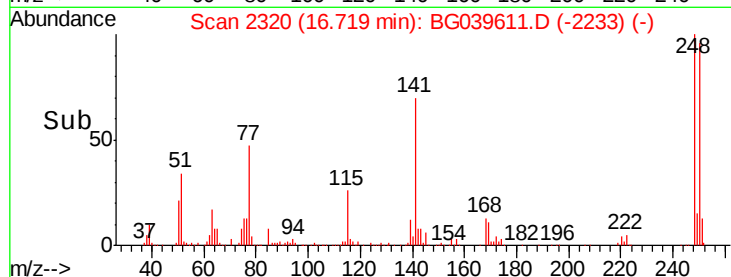
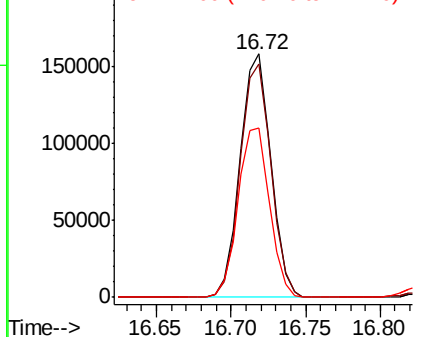


Abundance

Ion 248.00 (247.70 to 248.70): E

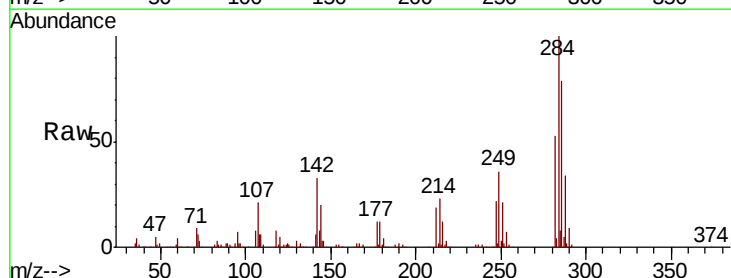
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.072 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	30.6	45.8
249	36.4	28.2	42.2

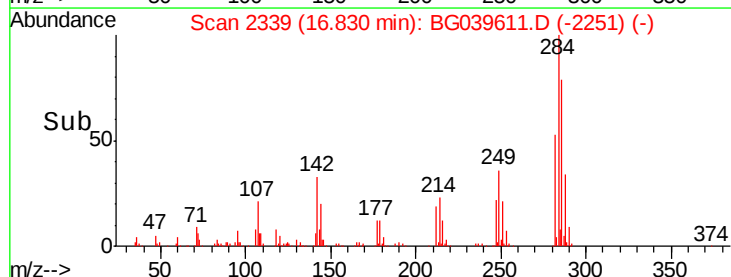
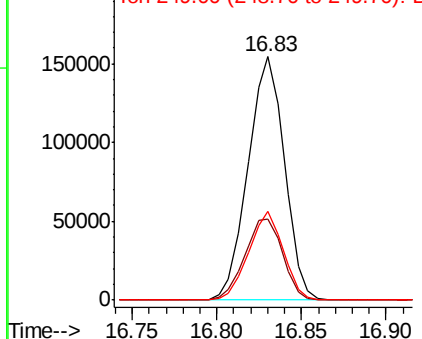


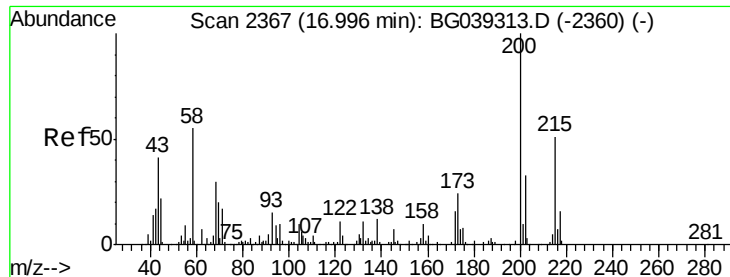
Abundance

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: 49.587 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

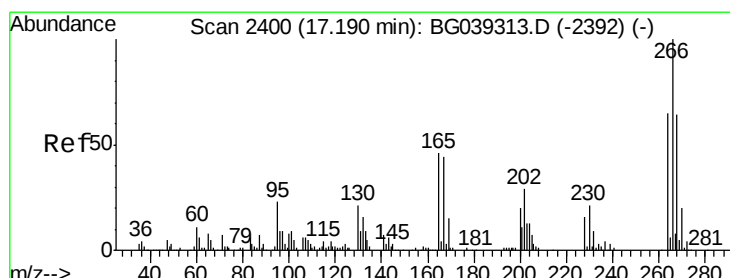
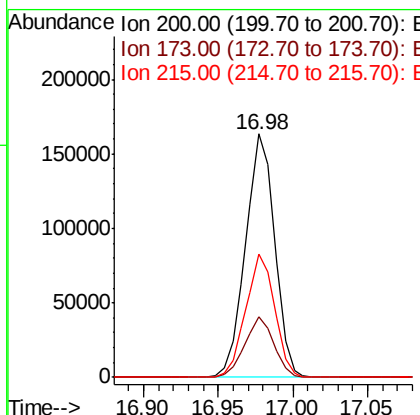
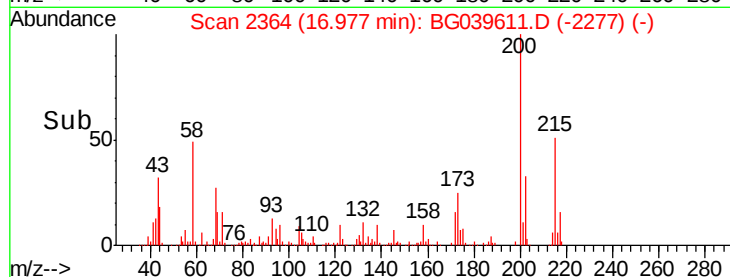
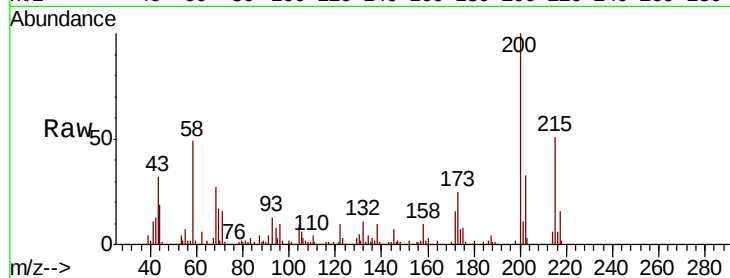
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	200	Resp:	220352
Ion Ratio	Lower	Upper	
200	100		
173	25.1	3.9	43.9
215	50.6	30.9	70.9

Manual Integrations
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#70

Pentachlorophenol

Concen: 99.405 ng

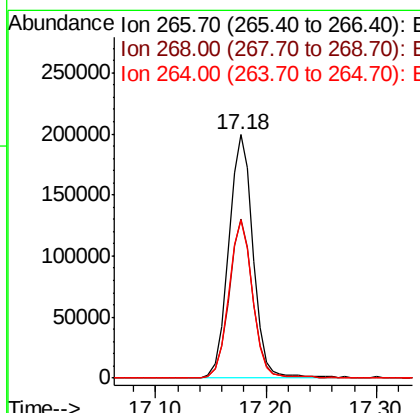
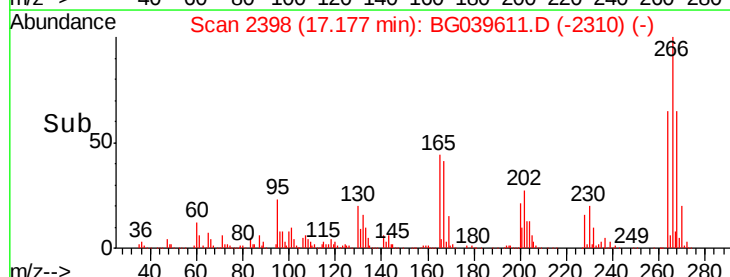
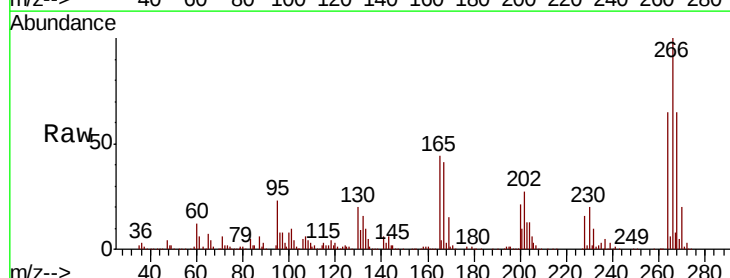
RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	266	Resp:	307526
Ion Ratio	Lower	Upper	
266	100		
268	65.2	51.1	76.7
264	65.0	52.1	78.1





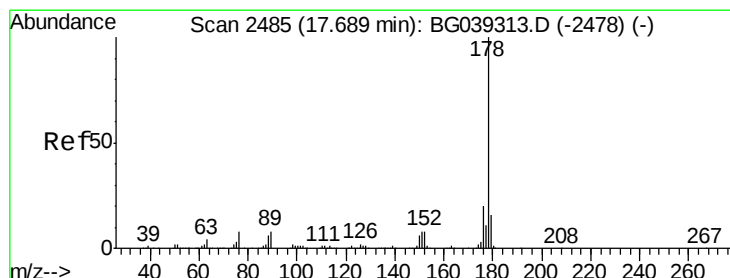
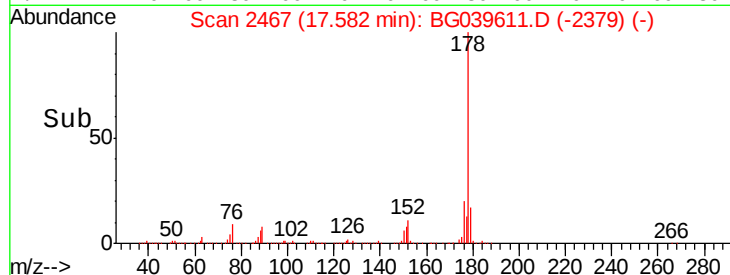
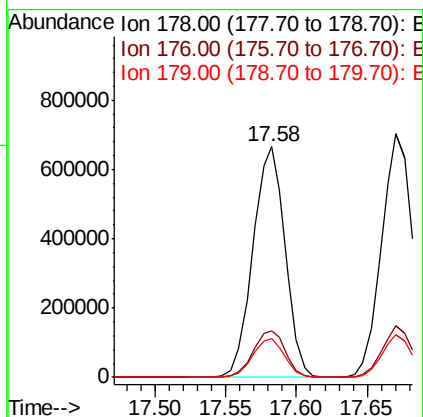
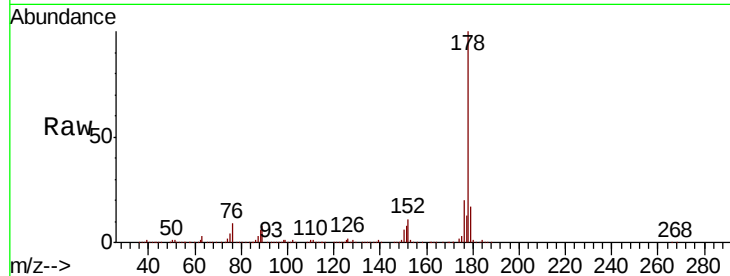
#71
Phenanthrene
Concen: 51.497 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.6	12.6	19.0

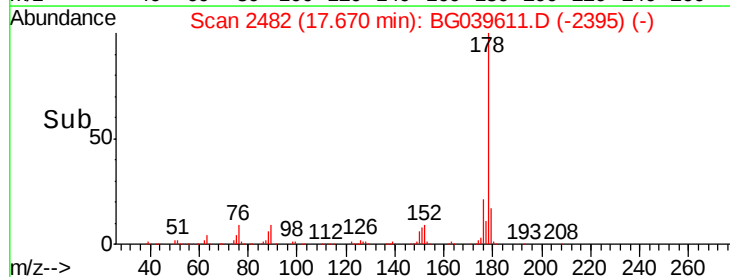
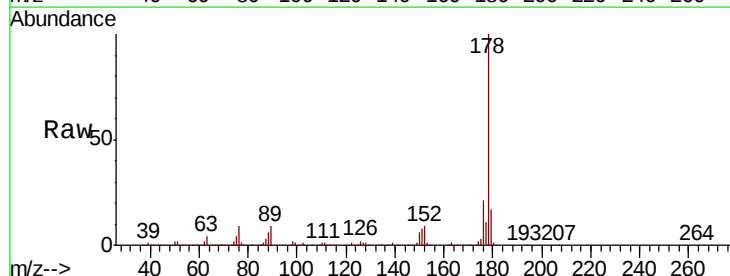
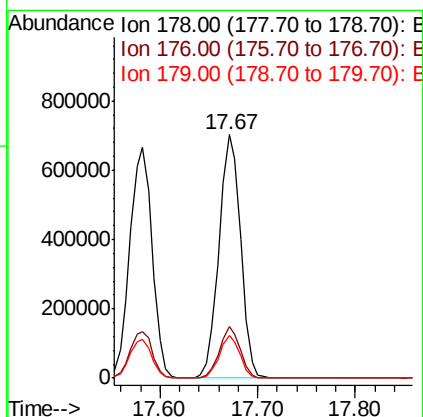
Manual Integrations
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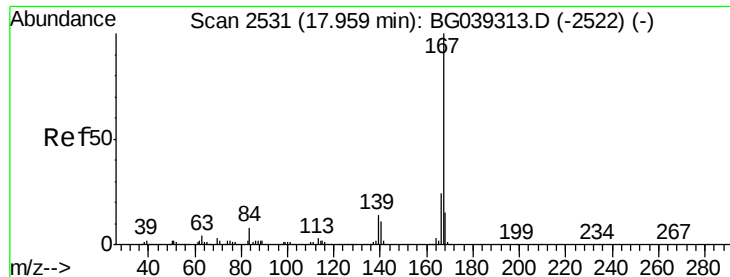
Sohil
2/27/2019 4:21:48 PM



#72
Anthracene
Concen: 52.776 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.8	23.6
179	17.3	12.5	18.7





#73

Carbazole

Concen: 47.113 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

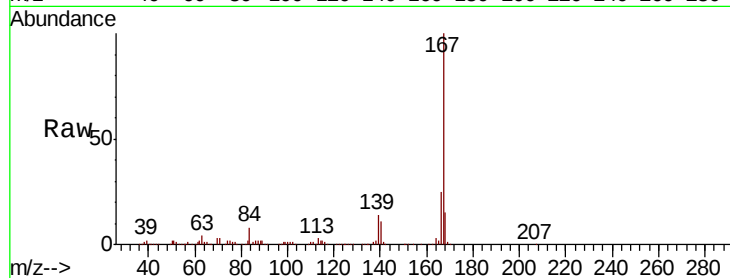
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	167	Resp:	958601
Ion Ratio		Lower	Upper
167	100		
166	25.0	19.4	29.2
139	14.1	10.8	16.2

Manual Integrations
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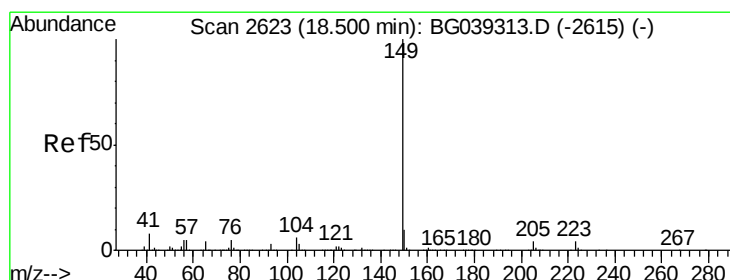
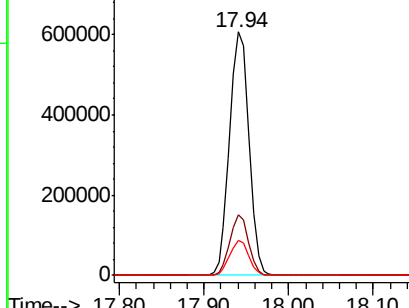
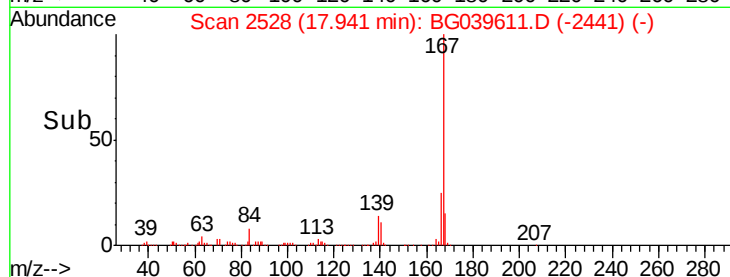


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.304 ng

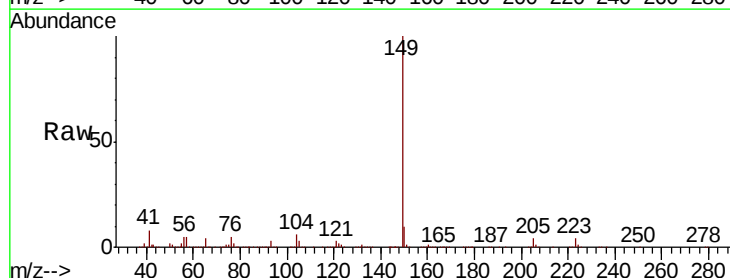
RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	149	Resp:	1146609
Ion Ratio		Lower	Upper
149	100		
150	10.4	7.7	11.5
104	5.9	4.5	6.7

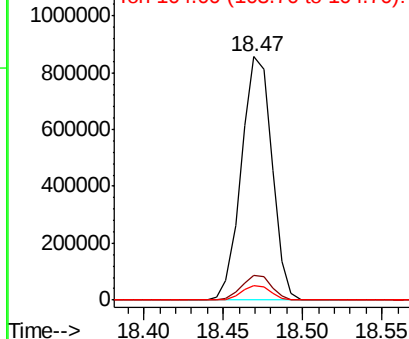
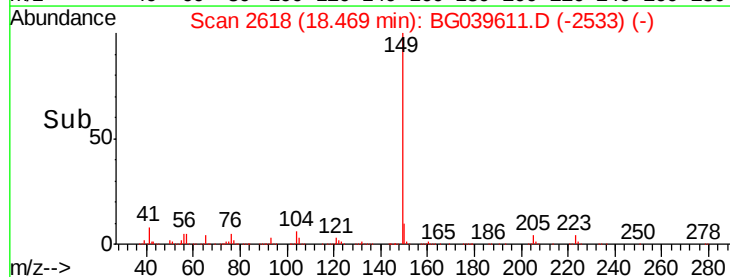


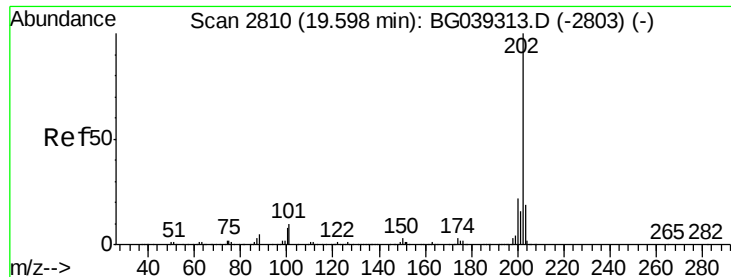
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.757 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

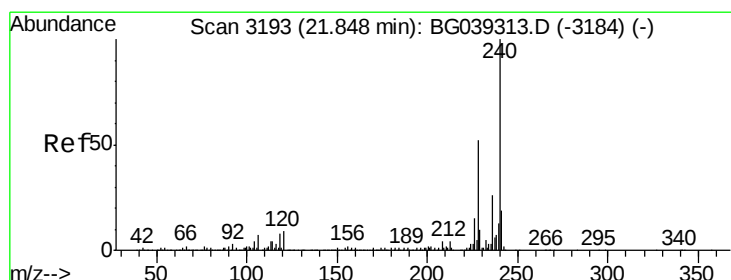
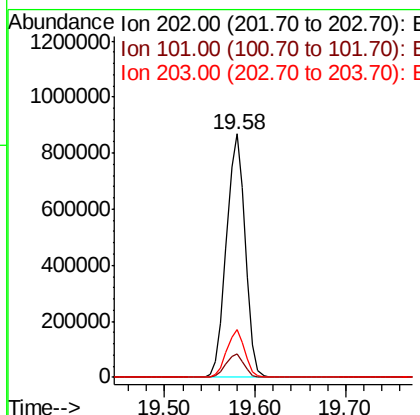
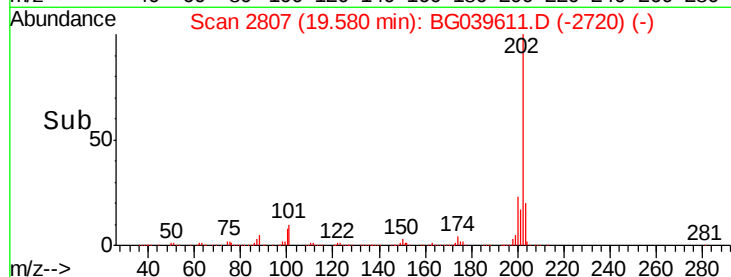
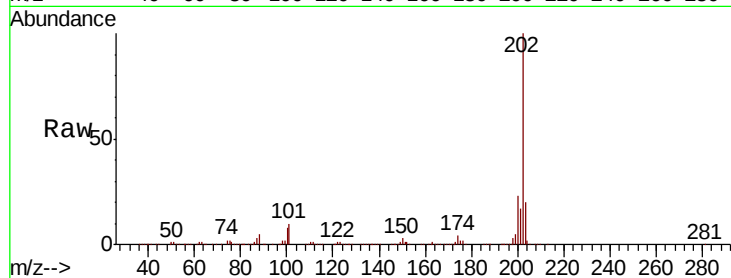
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	202	Resp:	1243421
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.0
203	19.6	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

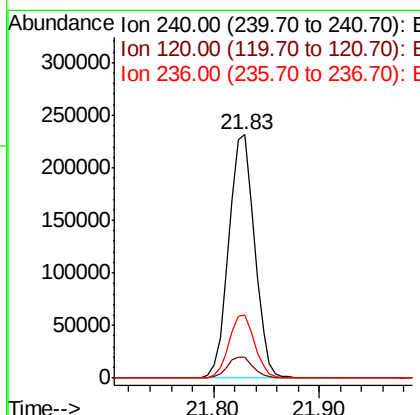
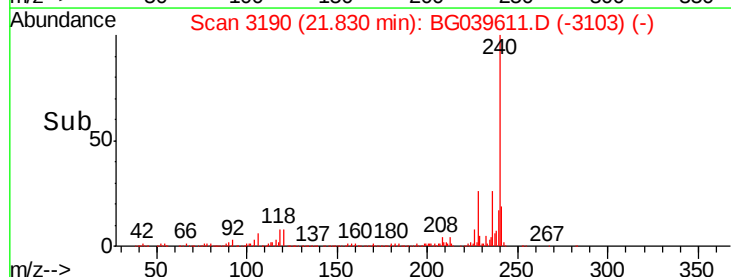
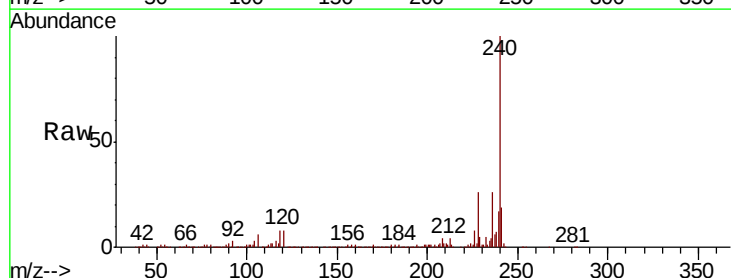
RT: 21.83 min Scan# 3190

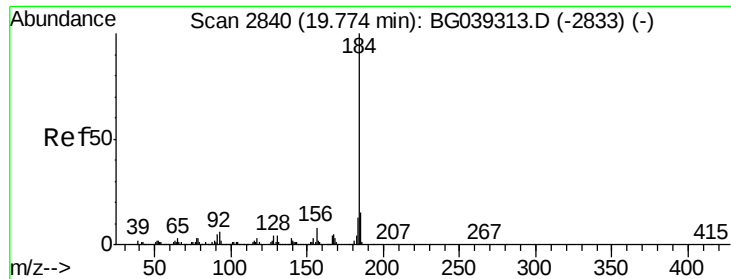
Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	240	Resp:	388668
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.0	10.6
236	25.7	21.0	31.4





#77

Benzidine

Concen: 53.829 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

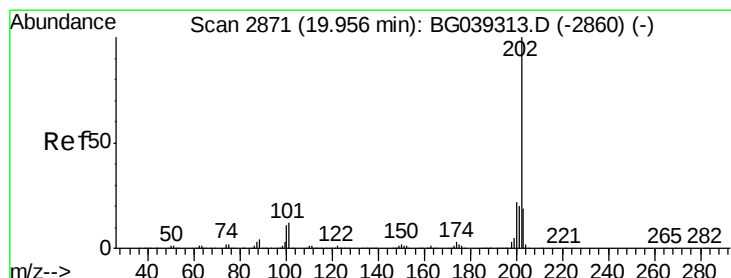
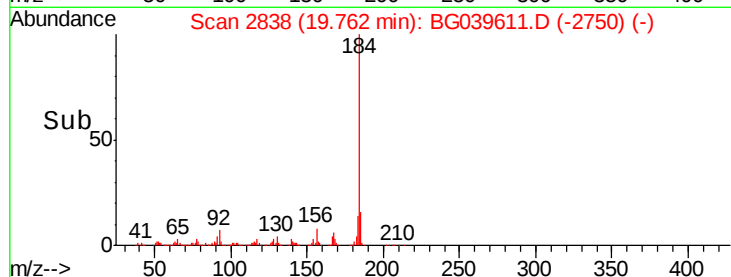
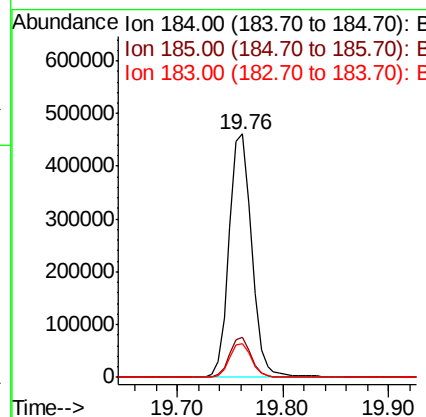
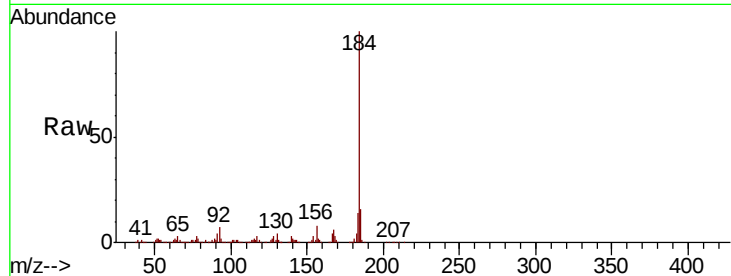
ClientSampleId :

B-4B(14-15)MS

Tot Ion:	184	Resp:	685932
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.2	18.2
183	13.6	10.6	15.8

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#78

Pyrene

Concen: 50.857 ng

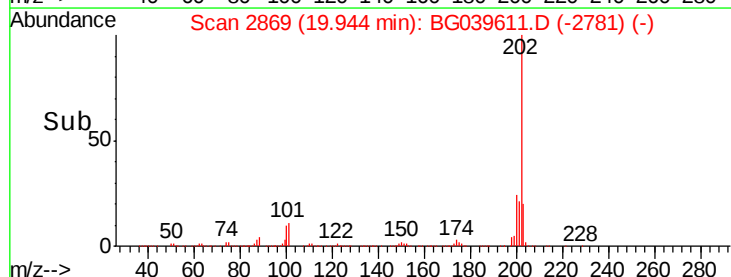
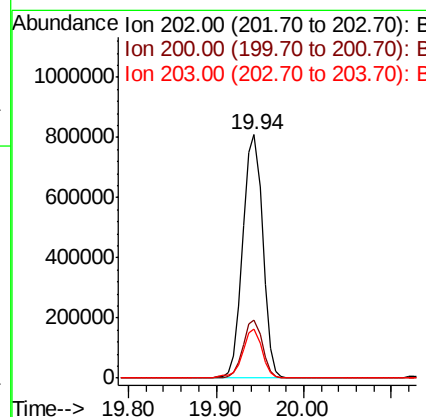
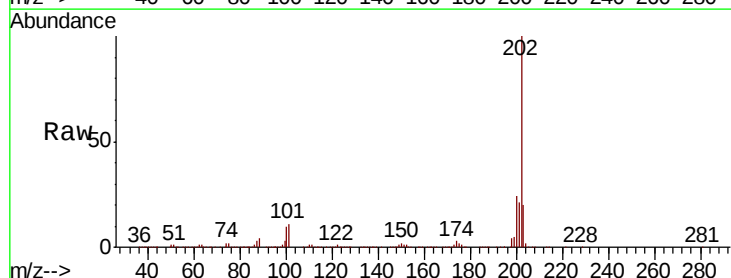
RT: 19.94 min Scan# 2869

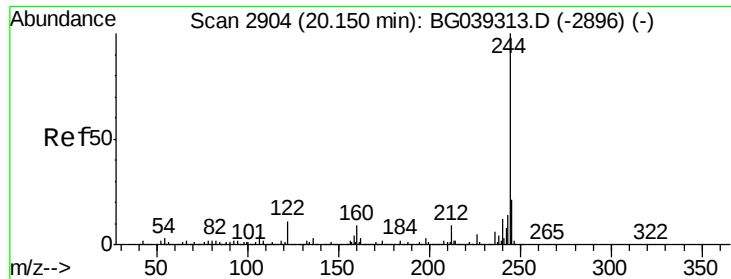
Delta R.T. -0.01 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Tgt Ion:	202	Resp:	1230528
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.8	26.8
203	20.1	15.3	22.9





#79

Terphenyl-d14

Concen: 84.904 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

ClientSampled :

B-4B(14-15)MS

Tot Ion:244 Resp: 1559020

Ion Ratio Lower Upper

244 100

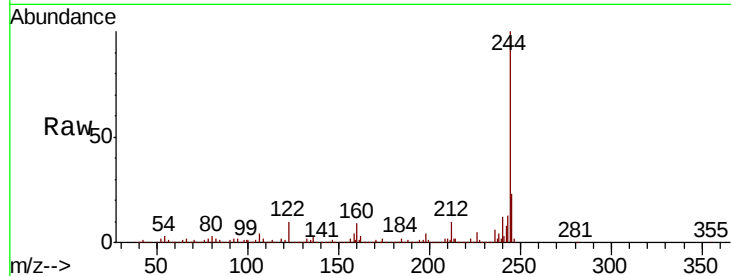
212 9.7 7.3 10.9

122 9.9 8.4 12.6

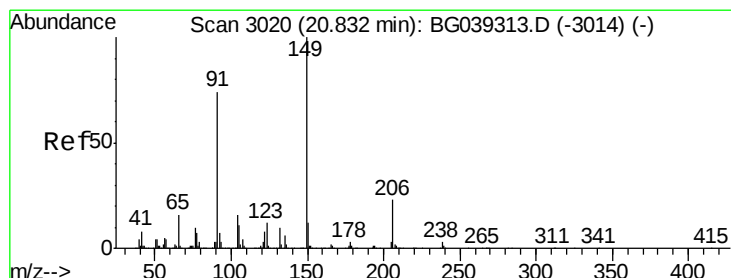
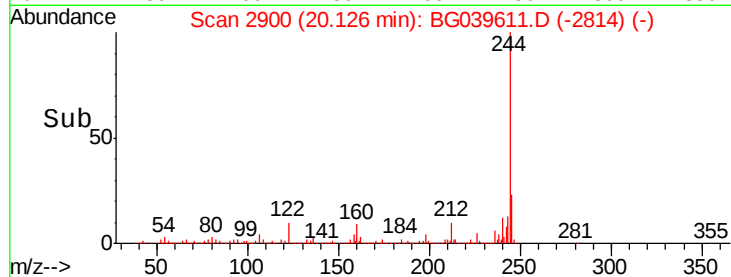
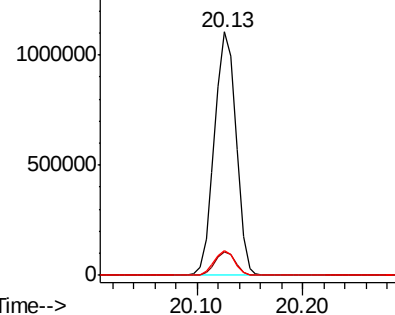
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.513 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

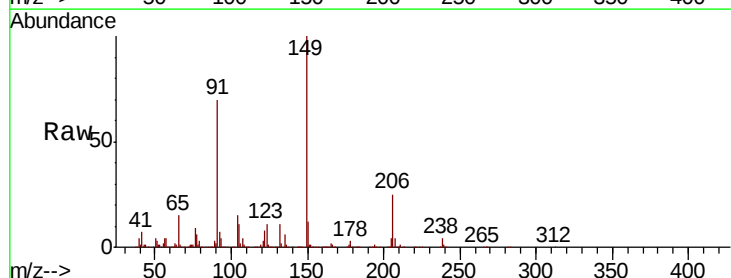
Tgt Ion:149 Resp: 535980

Ion Ratio Lower Upper

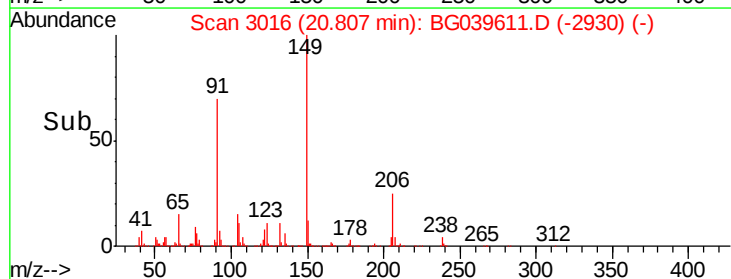
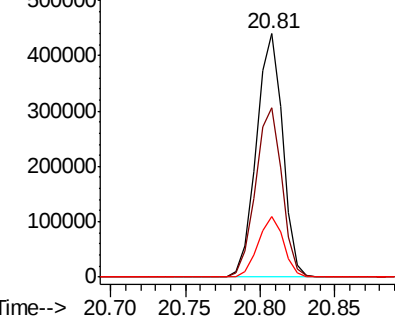
149 100

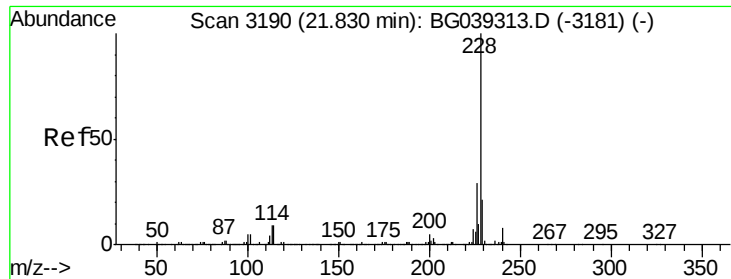
91 69.7 59.5 89.3

206 25.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
600000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





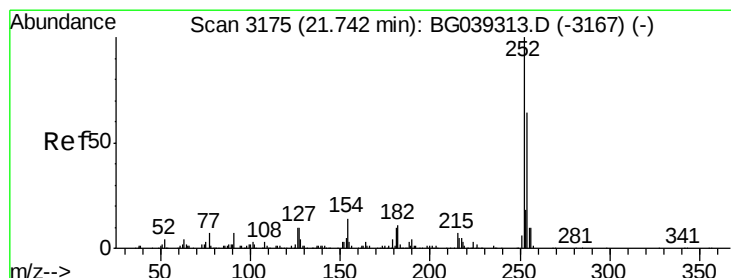
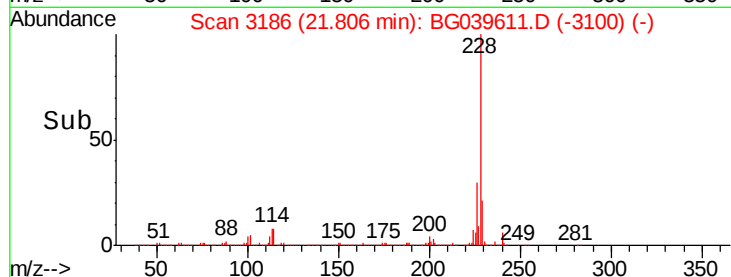
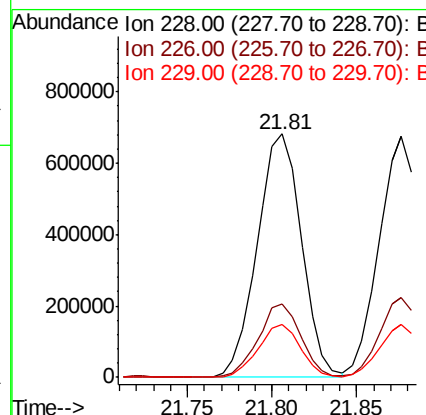
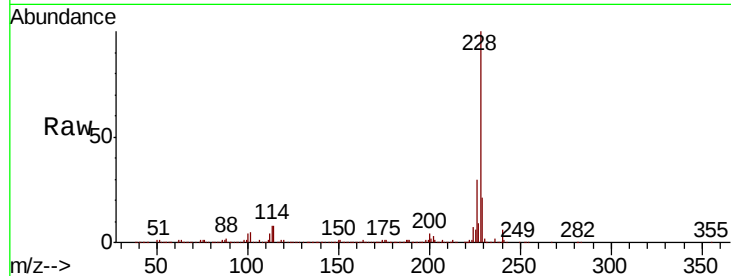
#81
Benzo(a)anthracene
Concen: 53.676 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.6
229	21.5	16.9	25.3

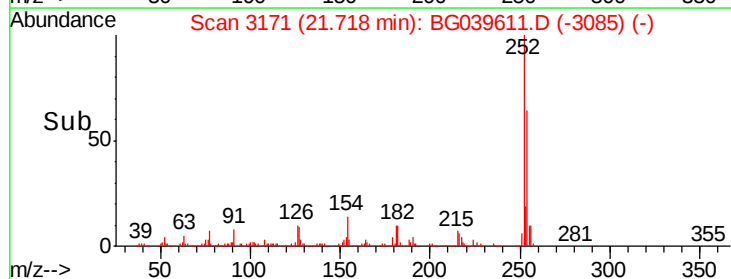
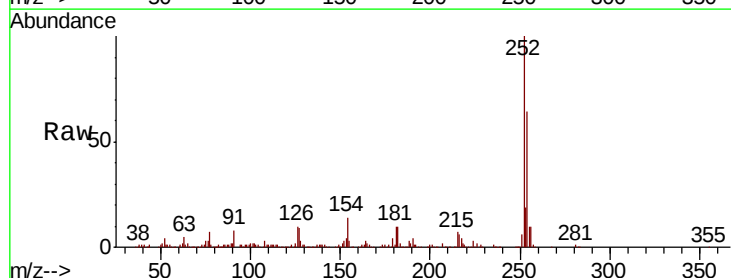
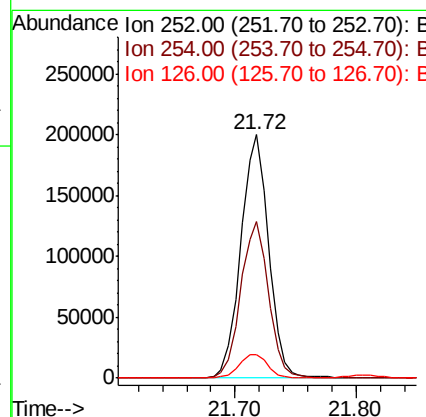
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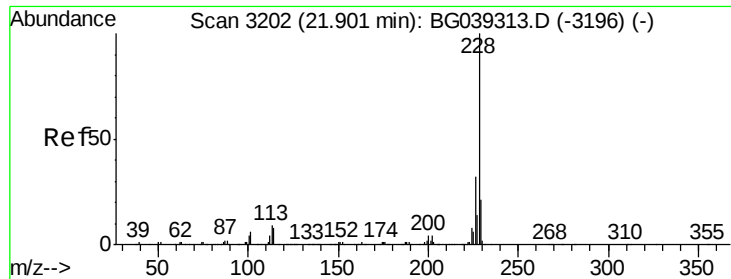
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#82
3,3'-Dichlorobenzidine
Concen: 37.796 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	9.6	8.0	12.0





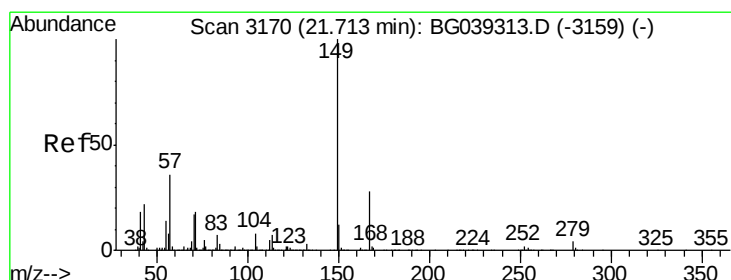
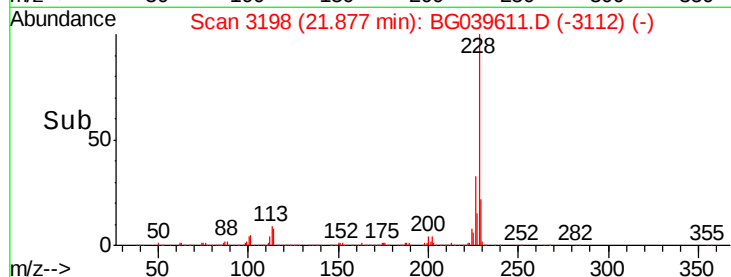
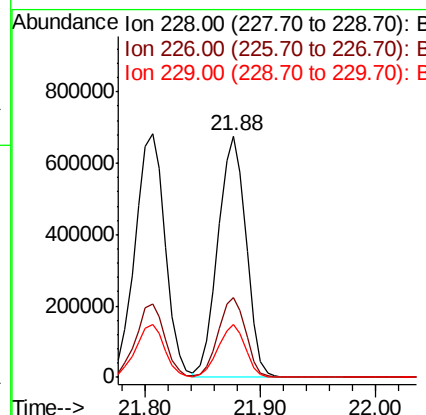
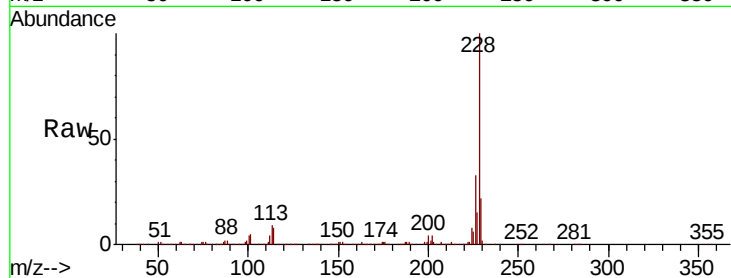
#83
Chrysene
Concen: 52.213 ng
RT: 21.88 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion:228 Resp: 1141506
Ion Ratio Lower Upper
228 100
226 33.0 25.8 38.6
229 21.7 16.6 25.0

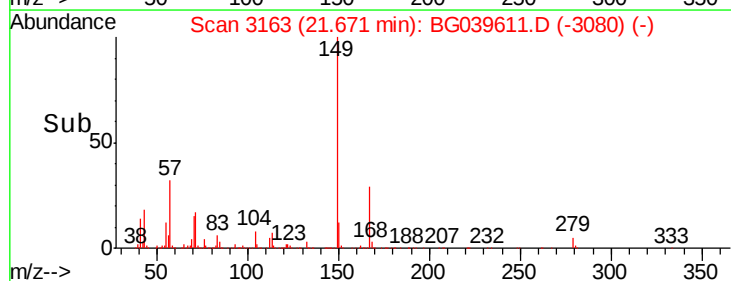
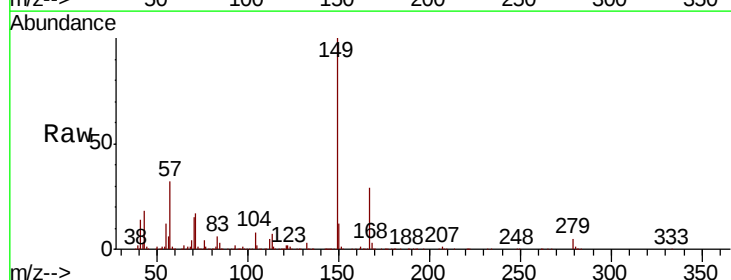
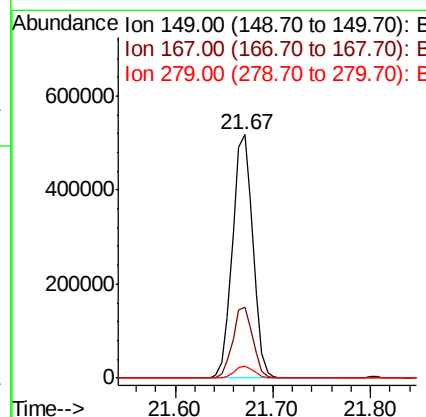
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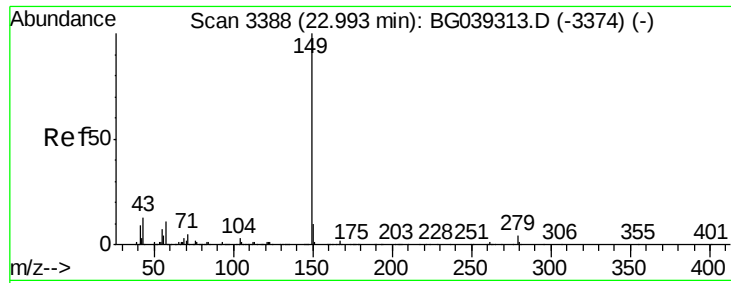
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.427 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion:149 Resp: 748845
Ion Ratio Lower Upper
149 100
167 29.1 22.6 34.0
279 5.1 3.5 5.3





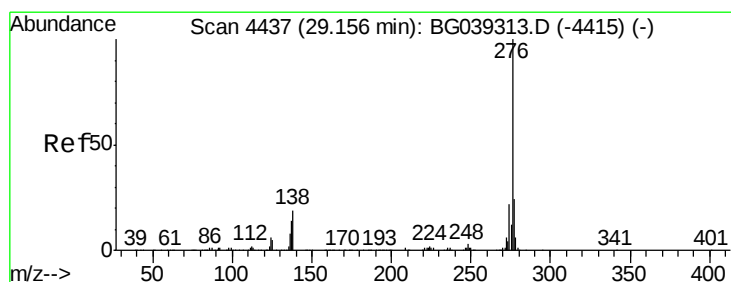
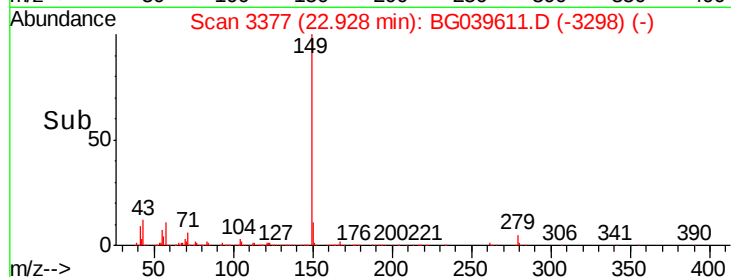
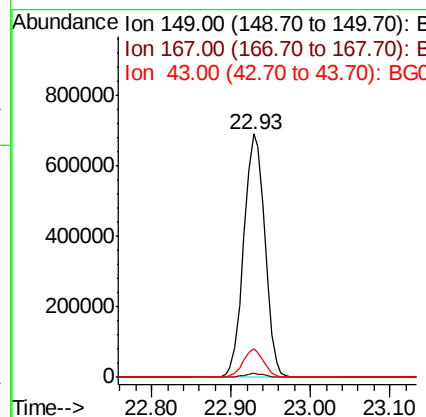
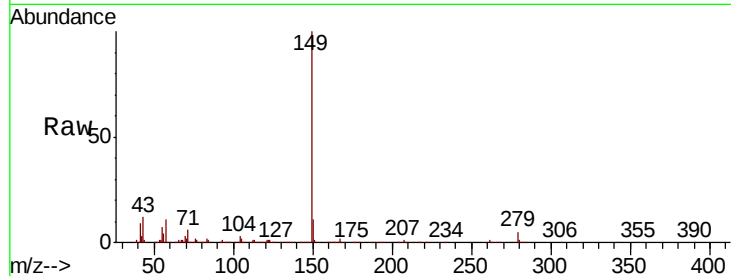
#85
Di-n-octyl phthalate
Concen: 52.764 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.07 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

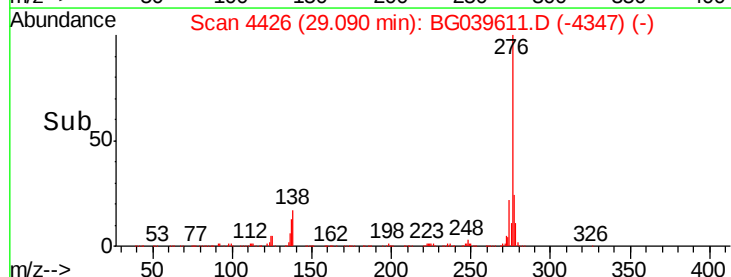
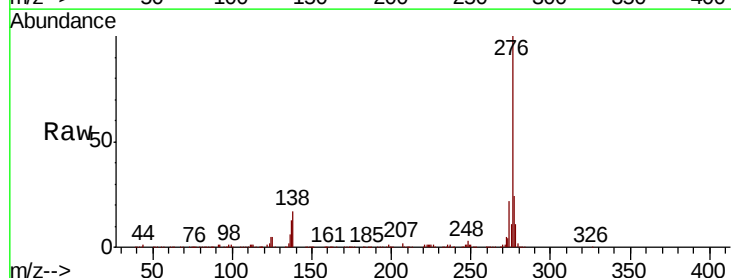
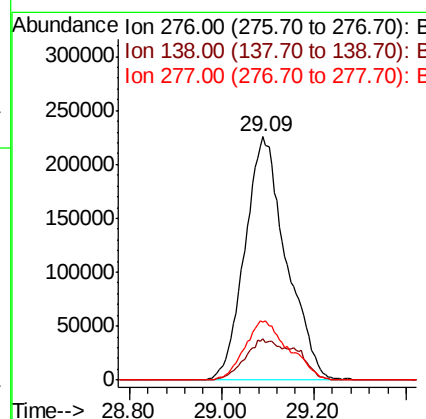
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.791 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.6	19.0#
277	26.1	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

Instrument :

BNA_G

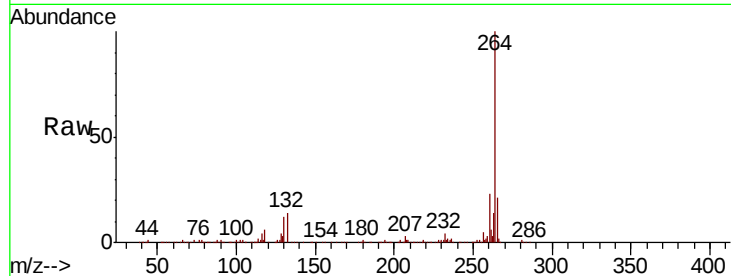
ClientSampleId :

B-4B(14-15)MS

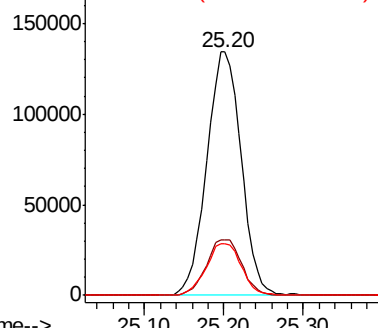
Tot Ion:	264	Resp:	405509
Ion Ratio		Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.2	18.5	27.7

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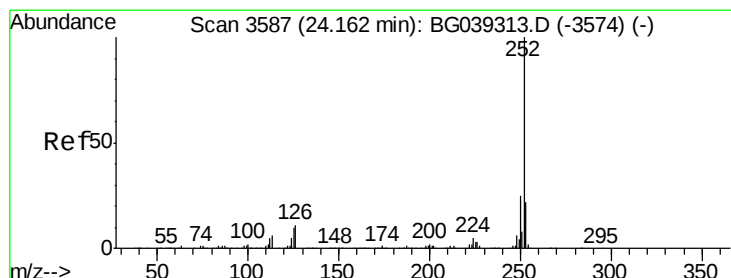
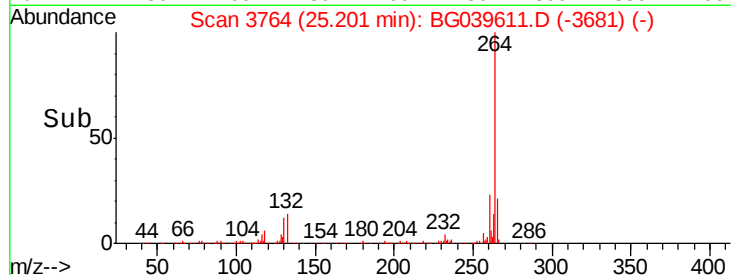
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 54.970 ng

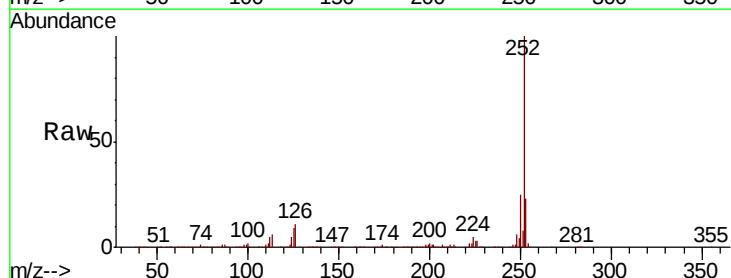
RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

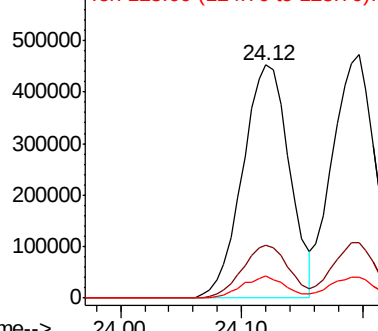
Lab File: BG039611.D

Acq: 26 Feb 2019 21:59

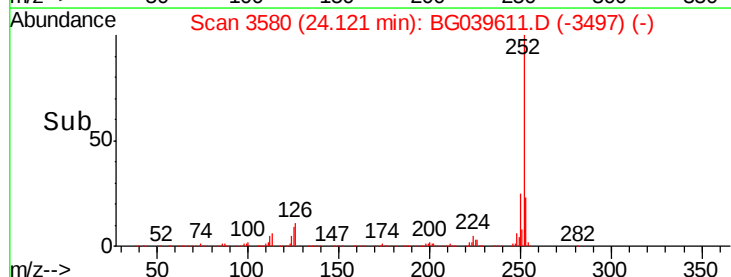
Tgt Ion:	252	Resp:	1215638
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.3	7.8	11.6



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



Time-->





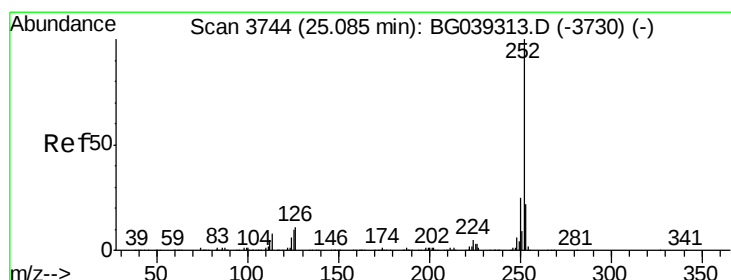
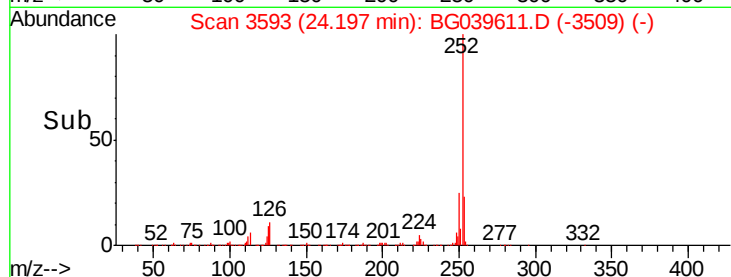
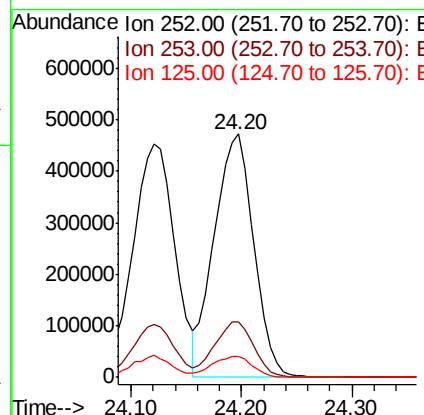
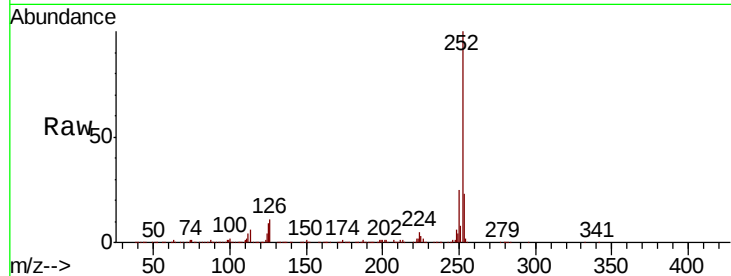
#89
Benzo(k)fluoranthene
Concen: 52.726 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.8	7.4	11.2

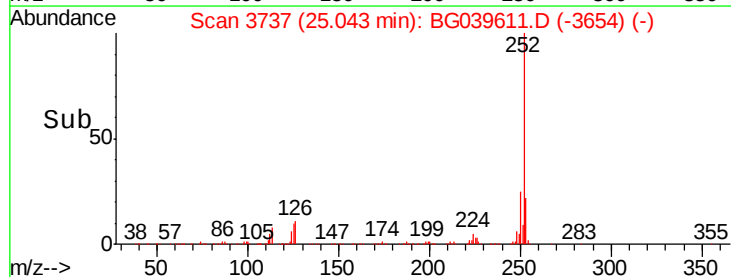
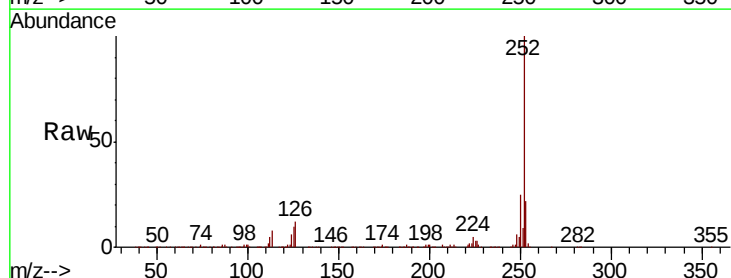
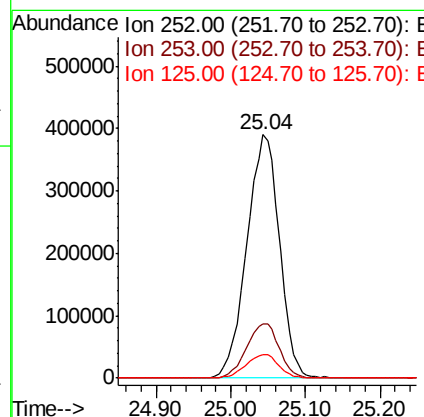
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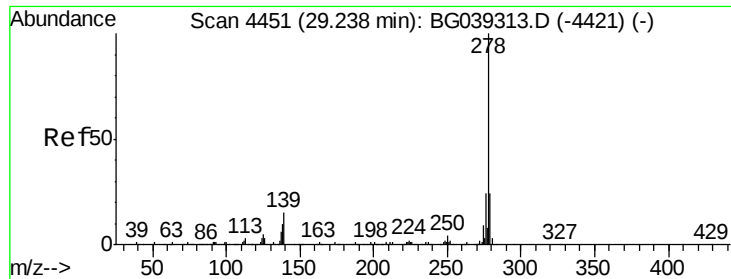
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#90
Benzo(a)pyrene
Concen: 55.600 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.6	8.3	12.5





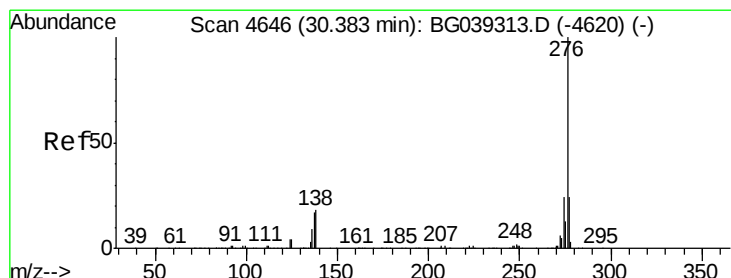
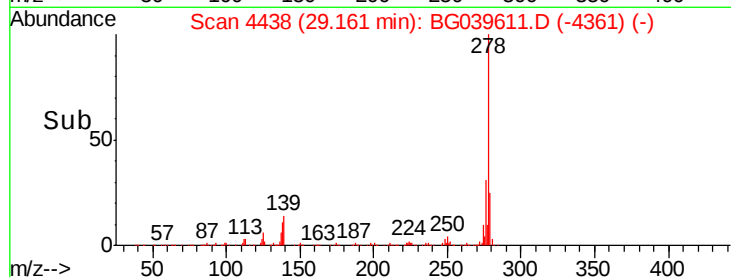
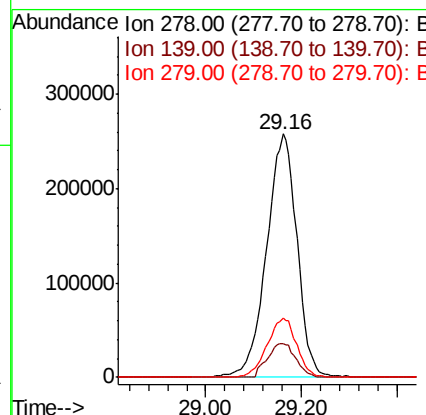
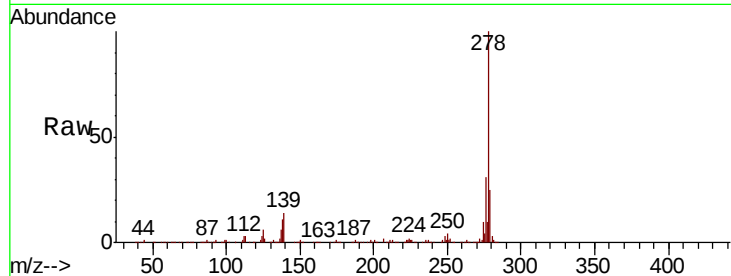
#91
Dibenzo(a,h)anthracene
Concen: 56.888 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	24.6	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 58.403 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039611.D
Acq: 26 Feb 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	17.2	14.7	22.1

