

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039189.D
 Acq On : 17 Jan 2019 16:43
 Operator : JU/SJ
 Sample : PB116414BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:24:03 AM

Quant Time: Jan 18 04:36:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20278	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	78662	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	55270	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	140430	20.00	ng	0.00
76) Chrysene-d12	21.68	240	166378	20.00	ng	0.00
87) Perylene-d12	24.94	264	178286	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	149118	139.50	ng	0.00
7) Phenol-d6	7.18	99	205067	133.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	111419	77.51	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	114080	123.13	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	336734	83.38	ng	0.00
79) Terphenyl-d14	20.01	244	737070	81.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	26338	62.918	ng	94
3) Pyridine	3.85	79	41424	36.418	ng	97
4) n-Nitrosodimethylamine	3.77	42	24803	48.458	ng	96
6) Aniline	7.34	93	55039	29.790	ng	99
8) 2-Chlorophenol	7.58	128	53036	42.089	ng	99
9) Benzaldehyde	7.16	77	15511	17.484	ng	96
10) Phenol	7.20	94	68050	44.121	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	45219	38.360	ng	97
12) 1,3-Dichlorobenzene	7.90	146	58994	39.076	ng	99
13) 1,4-Dichlorobenzene	8.05	146	60894	39.826	ng	98
14) 1,2-Dichlorobenzene	8.37	146	57677	39.563	ng	97
15) Benzyl Alcohol	8.26	79	47264	40.797	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	90173	39.893	ng	98
17) 2-Methylphenol	8.46	107	44549	41.597	ng	95
18) Hexachloroethane	9.09	117	21175	40.764	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	38168	37.782	ng	97
20) 3+4-Methylphenols	8.79	107	66372	43.468	ng	94
22) Acetophenone	8.85	105	77219	37.590	ng	# 98
24) Nitrobenzene	9.23	77	58206	40.058	ng	96
25) Isophorone	9.75	82	106301	42.928	ng	100
26) 2-Nitrophenol	9.95	139	31581	40.183	ng	96
27) 2,4-Dimethylphenol	9.99	122	52520	47.499	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	64551	43.374	ng	99
29) 2,4-Dichlorophenol	10.48	162	62664	45.618	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	67560	40.933	ng	93
31) Naphthalene	10.88	128	164656	41.735	ng	99
32) Benzoic acid	10.16	122	15162m	27.355	ng	
33) 4-Chloroaniline	11.00	127	32706	18.527	ng	98
34) Hexachlorobutadiene	11.14	225	45956	40.466	ng	98
35) Caprolactam	11.78	113	19834m	36.007	ng	
36) 4-Chloro-3-methylphenol	12.11	107	59323	40.378	ng	85
37) 2-Methylnaphthalene	12.48	142	134387	45.433	ng	99
38) 1-Methylnaphthalene	12.71	142	118626	41.783	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	85345	41.116	ng	99

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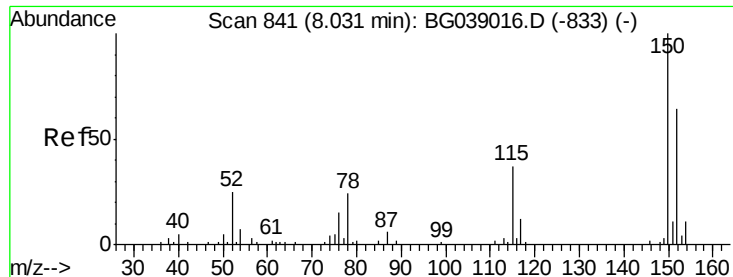
Manual Integrations
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Sohil
 1/18/2019 11:24:03 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99710	84.912	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	51730	39.597	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	57356	41.540	nq	99
46) 1,1'-Biphenyl	13.49	154	165641	37.822	nq	97
47) 2-Chloronaphthalene	13.54	162	131731	37.170	nq	98
48) 2-Nitroaniline	13.75	65	38191	38.466	nq	95
49) Acenaphthylene	14.38	152	222170	41.708	nq	99
50) Dimethylphthalate	14.11	163	194222	41.584	nq	98
51) 2,6-Dinitrotoluene	14.24	165	43395	41.557	nq	98
52) Acenaphthene	14.72	154	125636	39.255	nq	94
53) 3-Nitroaniline	14.58	138	25578	24.146	nq	94
54) 2,4-Dinitrophenol	14.79	184	46511	74.870	nq	96
55) Dibenzofuran	15.05	168	219798	38.885	nq	99
56) 4-Nitrophenol	14.89	139	65592	86.058	nq	97
57) 2,4-Dinitrotoluene	15.03	165	59766	39.894	nq	96
58) Fluorene	15.70	166	179899	42.282	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	56471	43.326	nq	# 98
60) Diethylphthalate	15.46	149	186747	38.808	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	101043	37.696	nq	96
62) 4-Nitroaniline	15.74	138	45822	41.524	nq	96
63) Azobenzene	15.98	77	145800	38.744	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	39156	37.636	nq	98
66) n-Nitrosodiphenylamine	15.91	169	162272	38.979	nq	96
67) 4-Bromophenyl-phenylether	16.59	248	68300	37.836	nq	96
68) Hexachlorobenzene	16.70	284	74584	37.864	nq	98
69) Atrazine	16.85	200	76208	43.091	nq	96
70) Pentachlorophenol	17.06	266	79035	66.033	nq	95
71) Phenanthrene	17.45	178	316696	42.666	nq	100
72) Anthracene	17.54	178	331125	45.118	nq	100
73) Carbazole	17.81	167	302753	41.788	nq	99
74) Di-n-butylphthalate	18.34	149	364475	45.221	nq	99
75) Fluoranthene	19.46	202	439160	47.725	nq	99
77) Benzidine	19.65	184	157814	31.012	nq	100
78) Pyrene	19.82	202	434843	41.011	nq	99
80) Butylbenzylphthalate	20.69	149	165373	41.008	nq	96
81) Benzo(a)anthracene	21.66	228	425758	42.037	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	101828	24.675	nq	97
83) Chrysene	21.73	228	406380	42.187	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	244157	43.603	nq	97
85) Di-n-octyl phthalate	22.74	149	396234	41.849	nq	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	495005	43.005	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	449995	45.775	nq	99
89) Benzo(k)fluoranthene	23.97	252	424502	43.674	nq	98
90) Benzo(a)pyrene	24.79	252	429399	45.190	nq	98
91) Dibenzo(a,h)anthracene	28.75	278	418736	44.304	nq	97
92) Benzo(g,h,i)perylene	29.87	276	409010	43.712	nq	98

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



#1

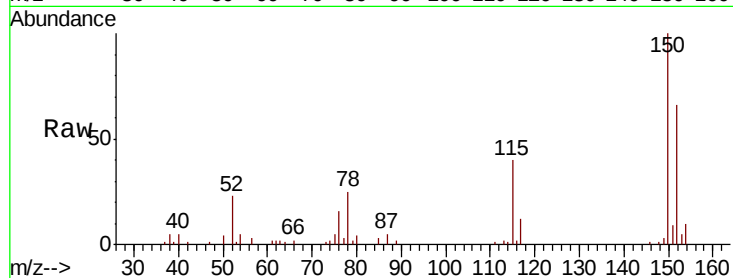
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.7	187.1
115	60.3	46.5	69.7

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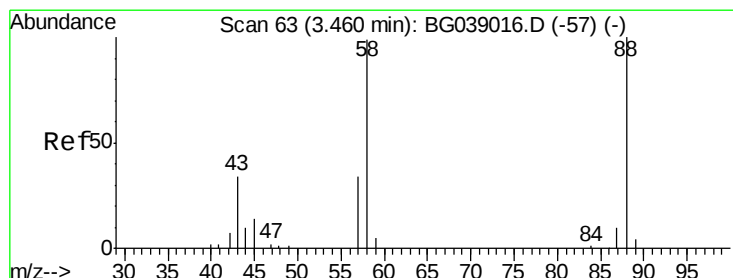
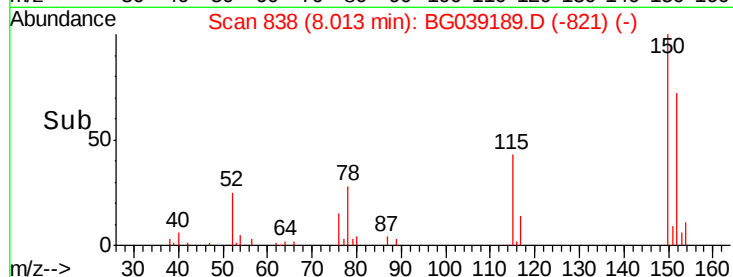
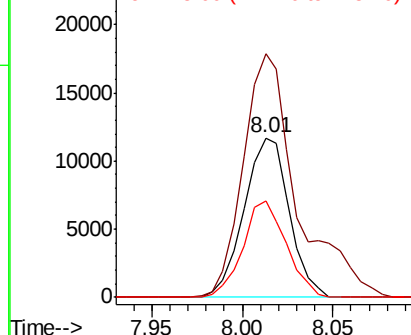


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

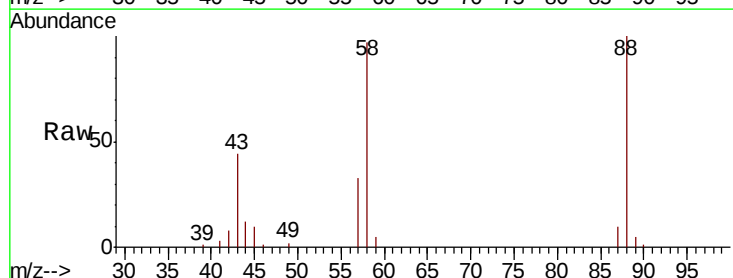
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 62.918 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	72.4	108.6
43	39.8	27.6	41.4

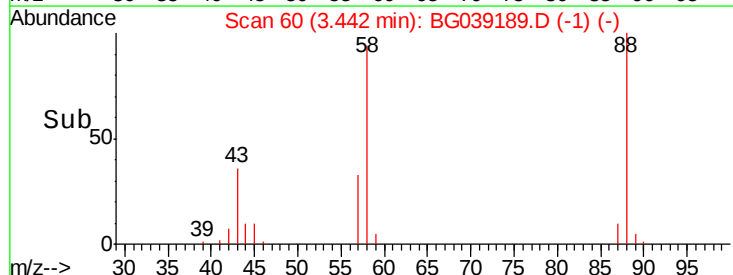
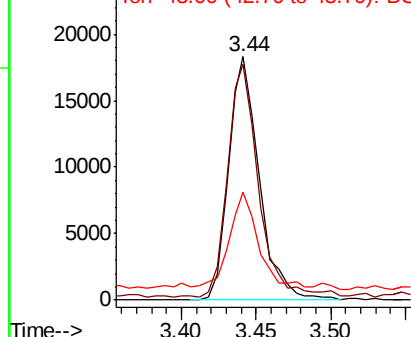


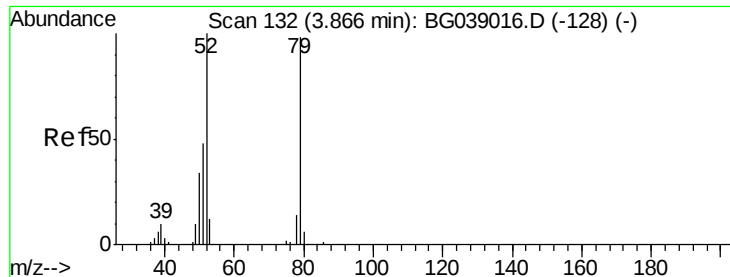
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.418 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

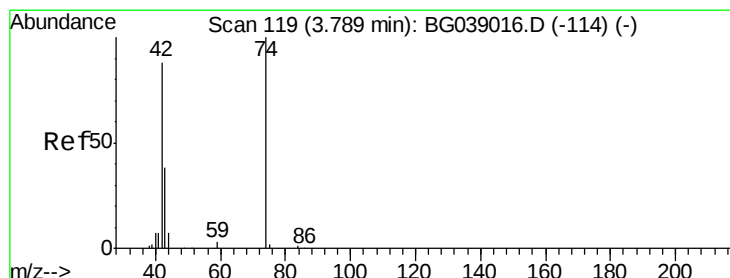
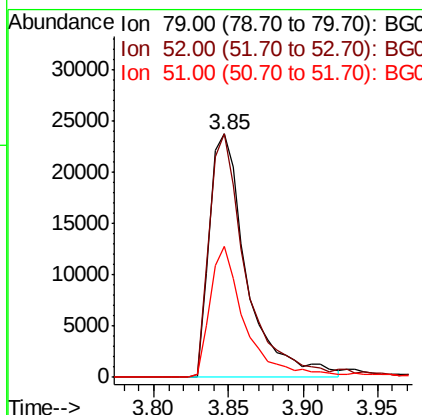
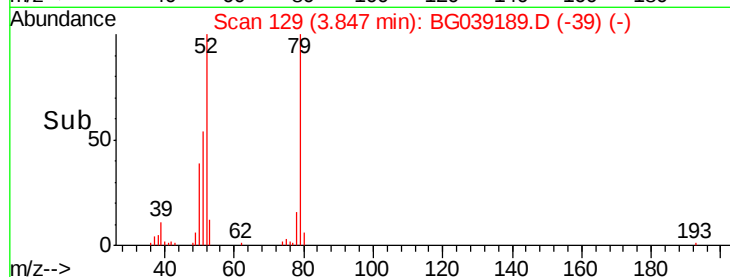
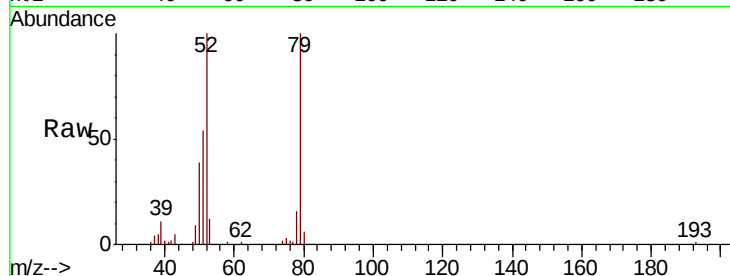
ClientSampleId :

PB116414BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.1	81.5	122.3
51	53.6	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 48.458 ng

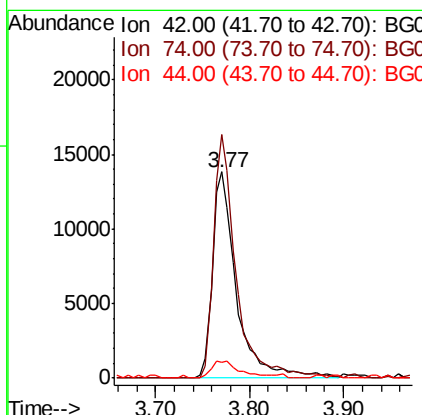
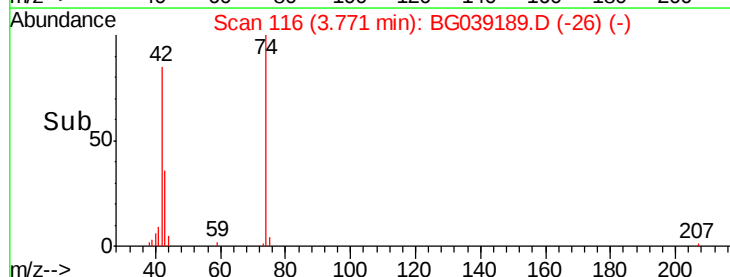
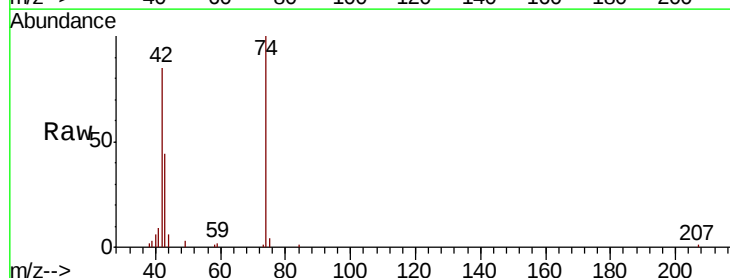
RT: 3.77 min Scan# 116

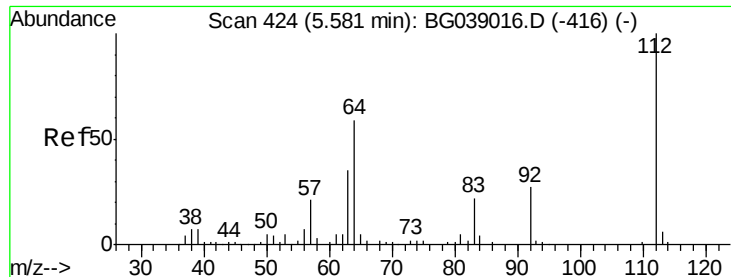
Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.0	90.7	136.1
44	7.4	6.5	9.7





#5

2-Fluorophenol

Concen: 139.498 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

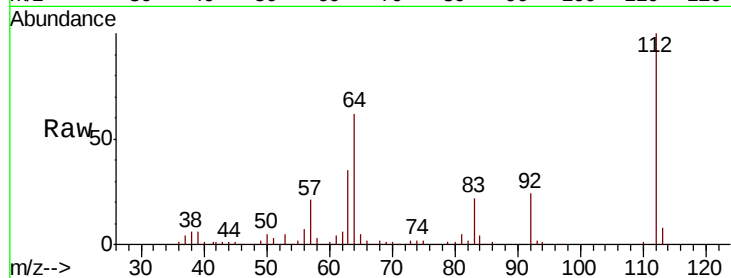
ClientSampleId :

PB116414BSD

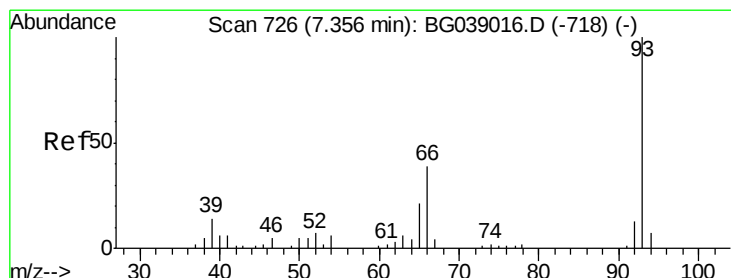
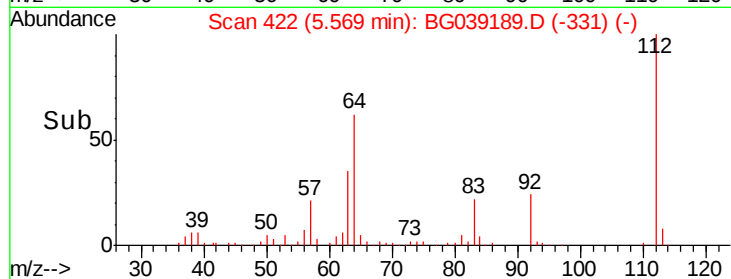
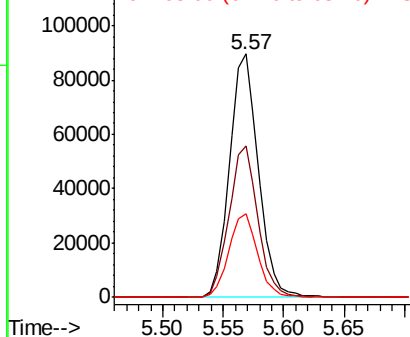
Tot Ion:	112	Resp:	149118
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.0	70.6
63	34.5	28.0	42.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.790 ng

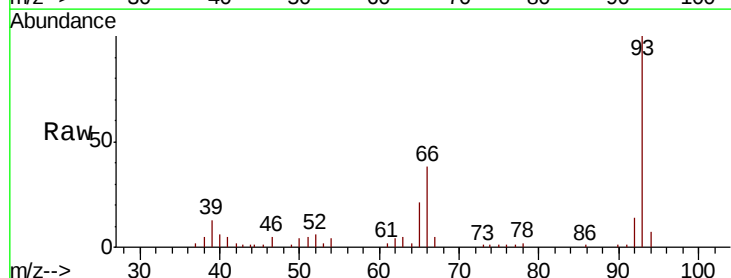
RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

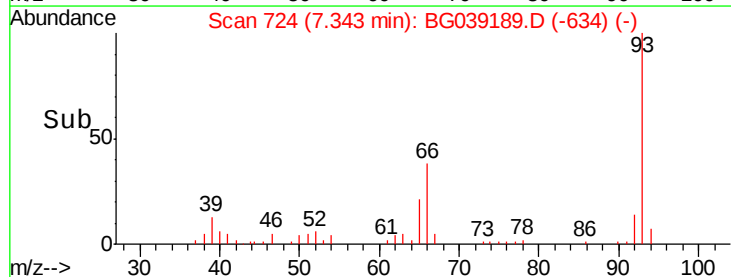
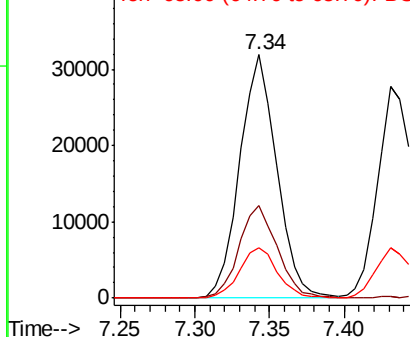
Lab File: BG039189.D

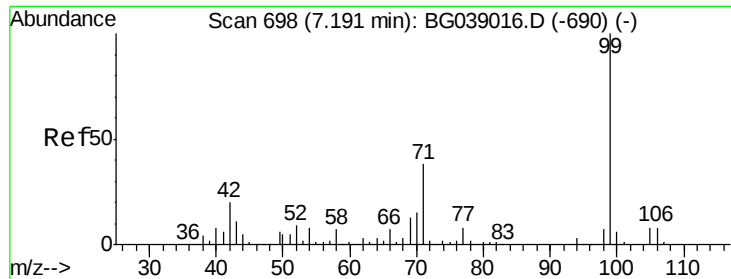
Acq: 17 Jan 2019 16:43

Tgt Ion:	93	Resp:	55039
Ion Ratio	Lower	Upper	
93	100		
66	37.9	30.9	46.3
65	20.8	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.301 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

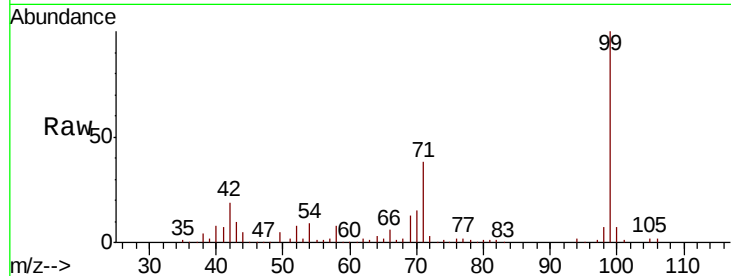
ClientSampleId :

PB116414BSD

Tot Ion:	99	Resp:	205067
Ion Ratio		Lower	Upper
99	100		
42	18.7	15.8	23.6
71	37.9	30.2	45.4

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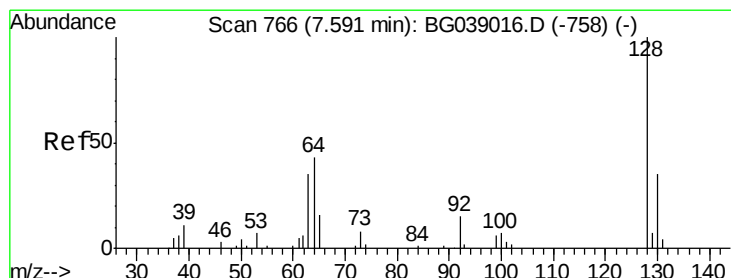
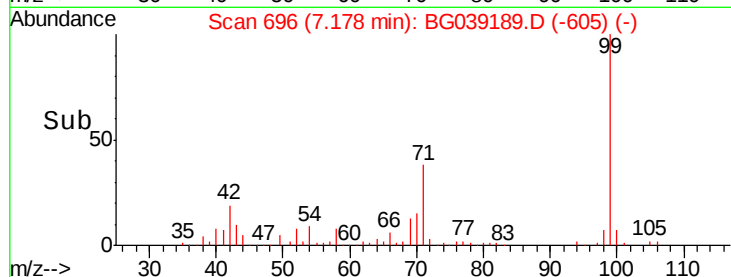
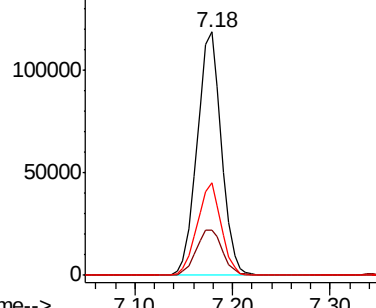


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.089 ng

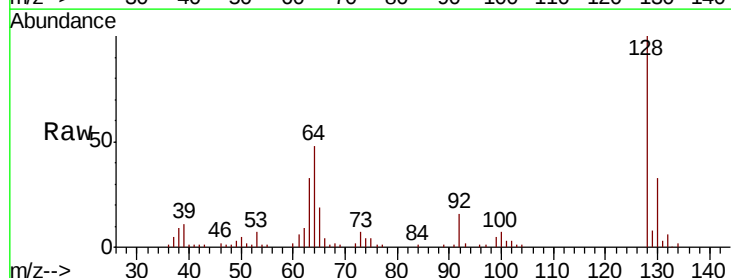
RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	128	Resp:	53036
Ion Ratio		Lower	Upper
128	100		
130	33.1	14.5	54.5
64	47.6	27.3	67.3

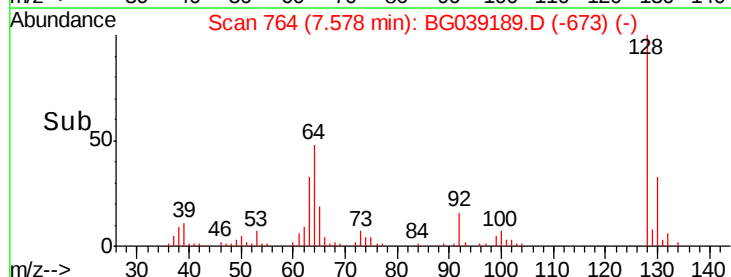
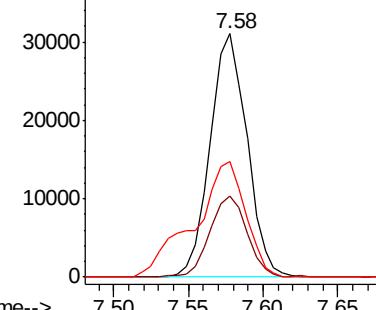


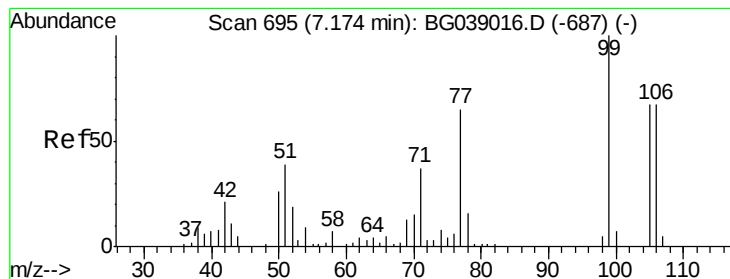
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.484 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

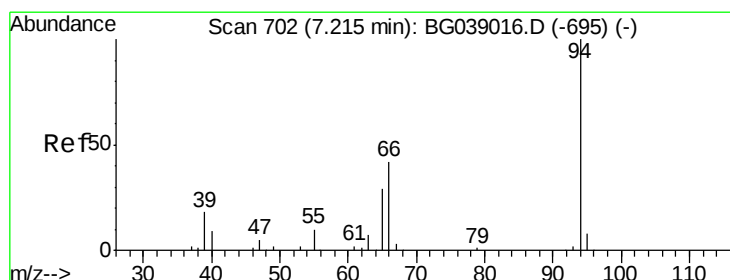
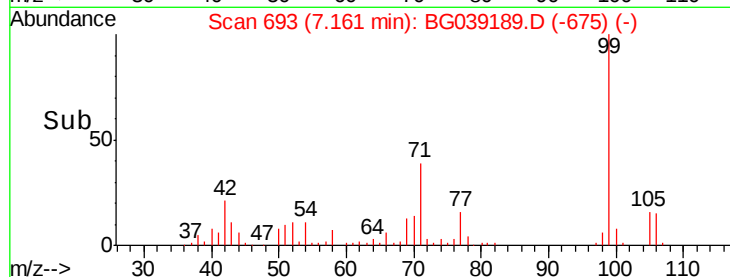
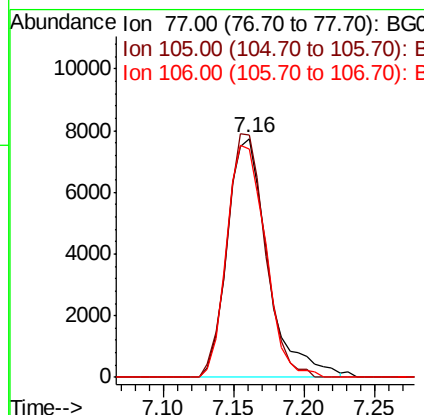
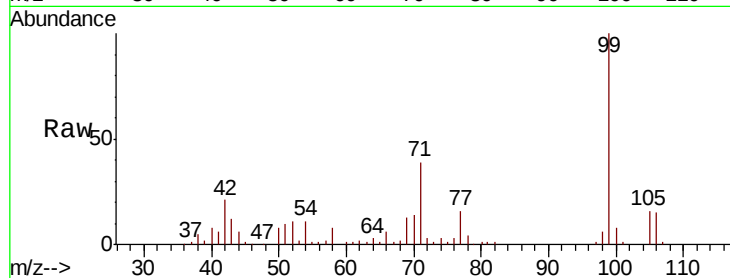
ClientSampleID :

PB116414BSD

Tot Ion:	77	Resp:	15511
Ion	Ratio	Lower	Upper
77	100		
105	101.5	82.4	122.4
106	95.6	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 44.121 ng

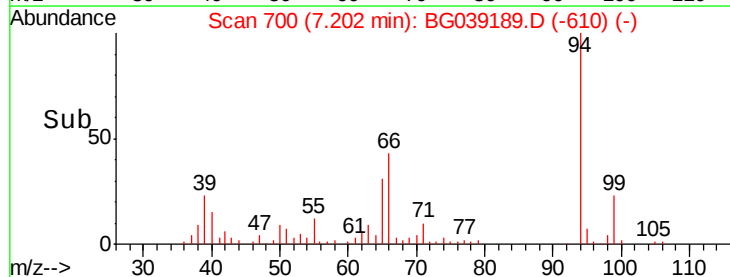
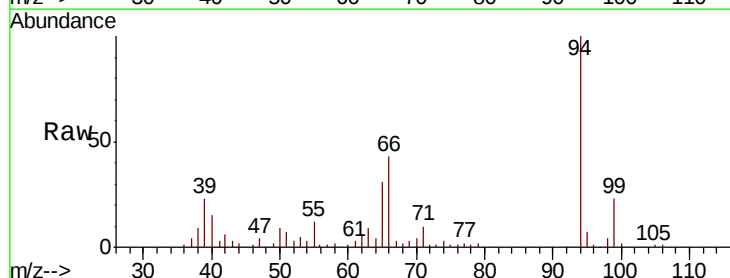
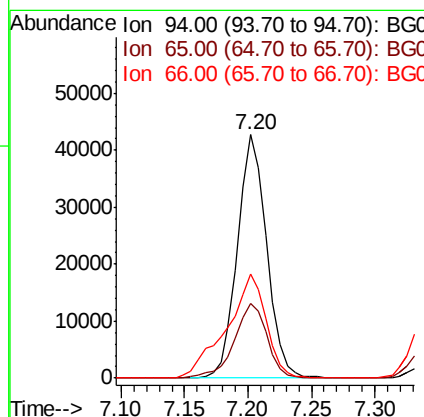
RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	94	Resp:	68050
Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.3	50.3
66	42.6	25.1	65.1





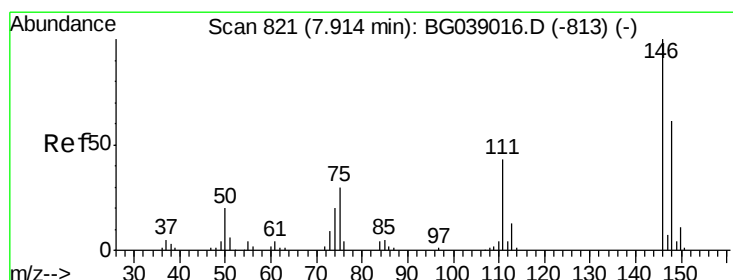
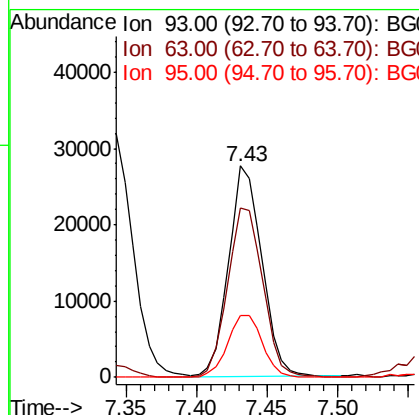
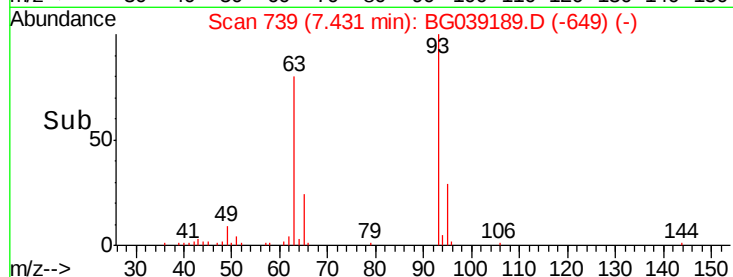
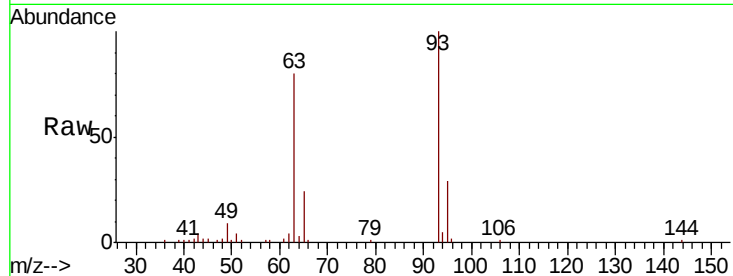
#11
 bis(2-Chloroethyl)ether
 Concen: 38.360 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		45219		
63	80.3	63.2	103.2		
95	29.4	11.2	51.2		

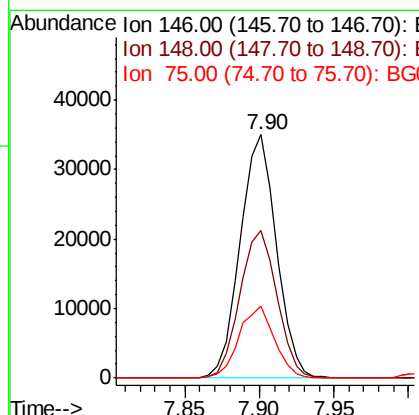
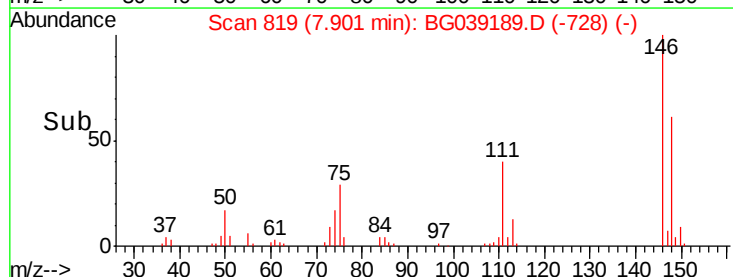
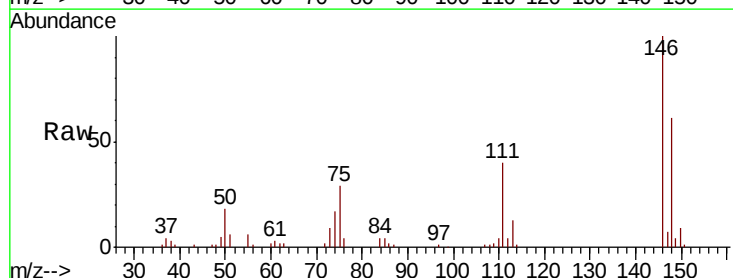
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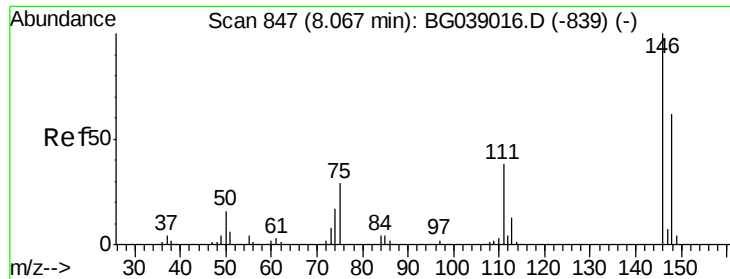
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#12
 1,3-Dichlorobenzene
 Concen: 39.076 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		58994		
148	60.5	49.1	73.7		
75	29.4	23.9	35.9		





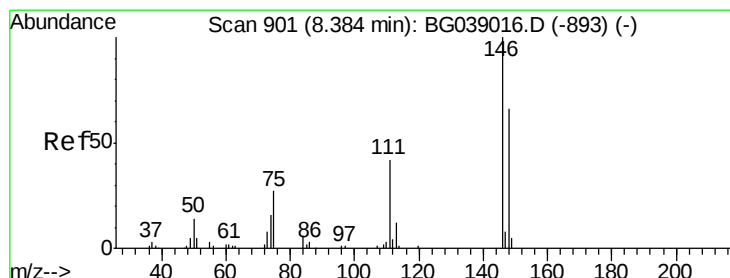
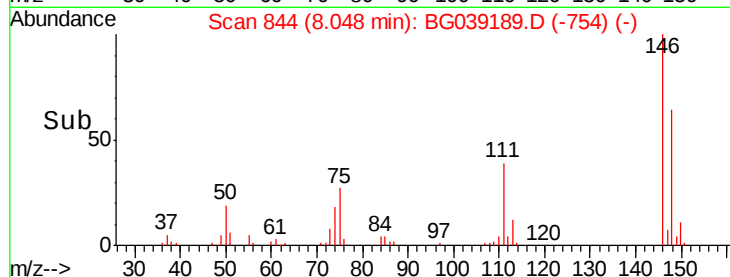
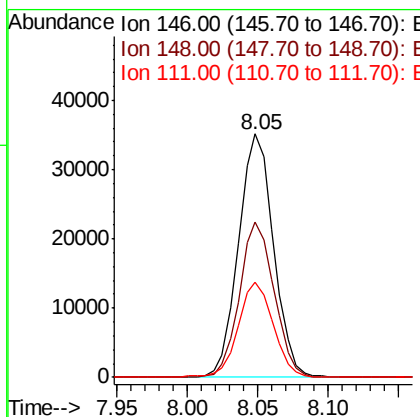
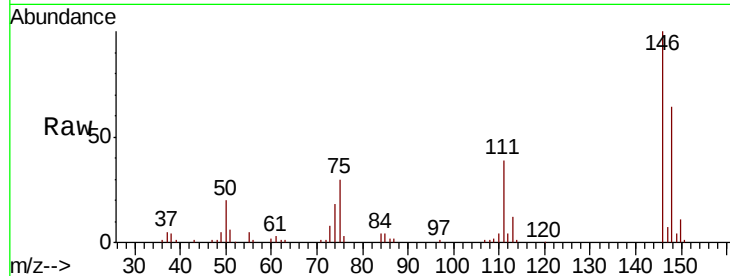
#13
 1,4-Dichlorobenzene
 Concen: 39.826 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.6
111	38.9	30.6	45.8

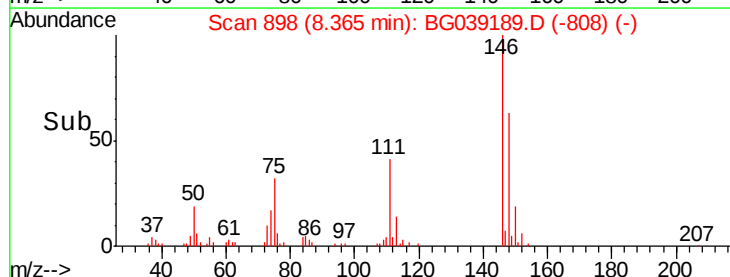
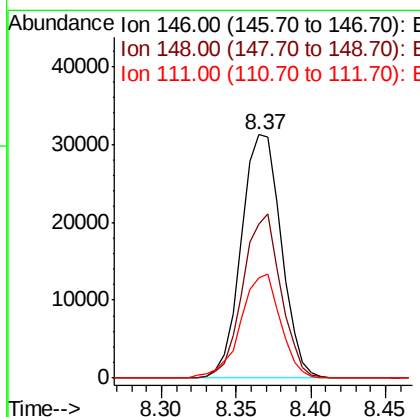
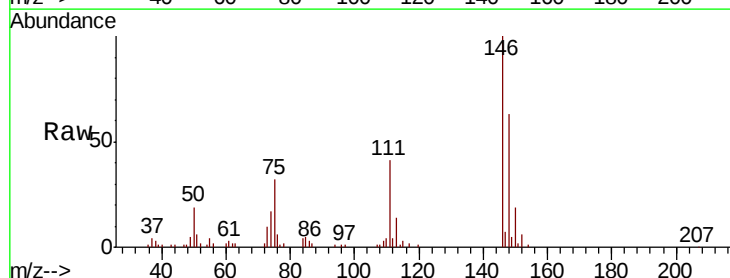
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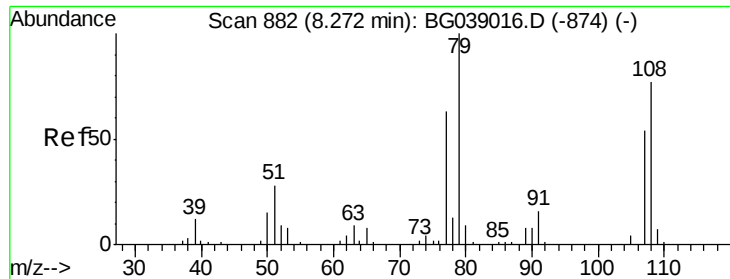
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#14
 1,2-Dichlorobenzene
 Concen: 39.563 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
111	41.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.797 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

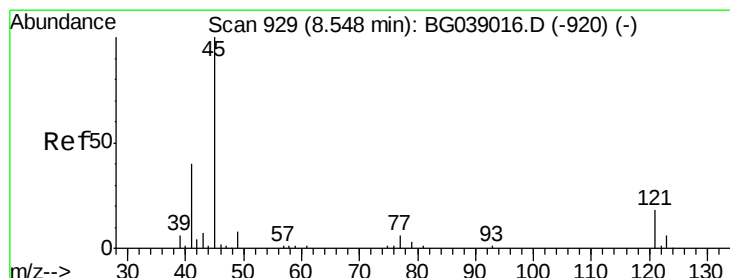
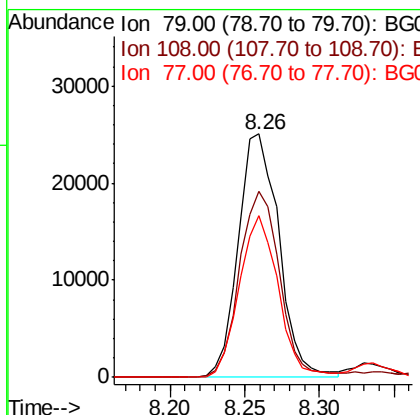
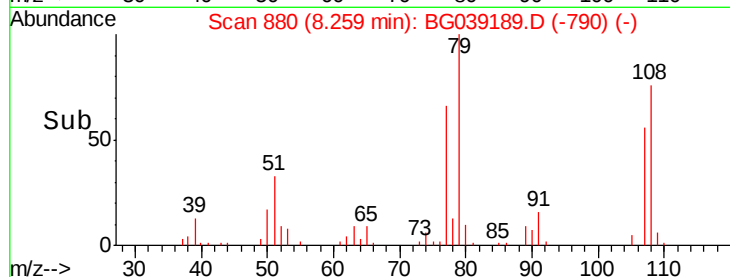
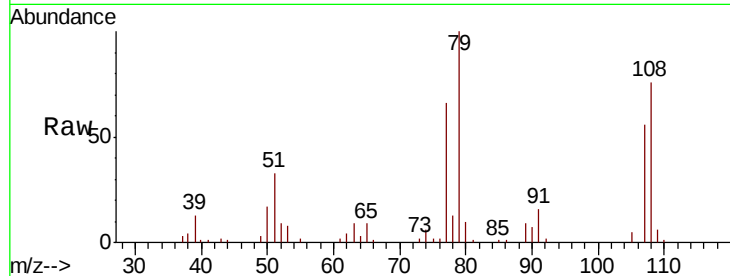
ClientSampleId :

PB116414BSD

Tot Ion:	79	Resp:	47264
Ion	Ratio	Lower	Upper
79	100		
108	76.2	62.0	93.0
77	66.2	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.893 ng

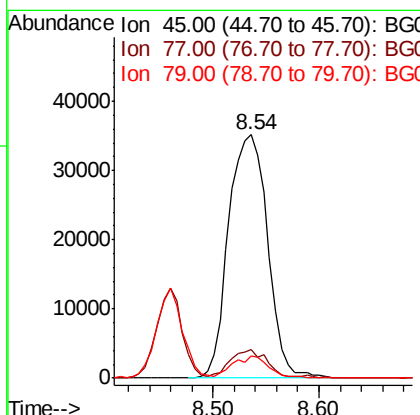
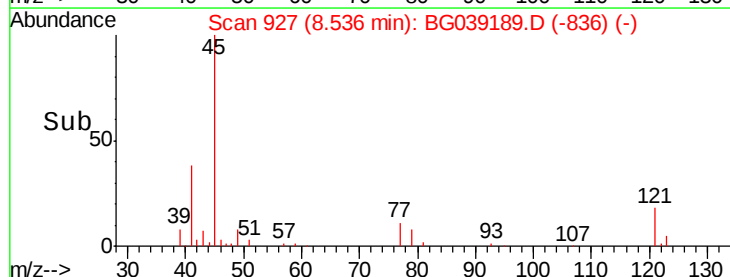
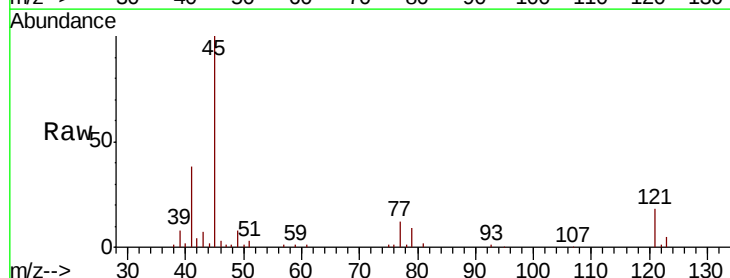
RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	45	Resp:	90173
Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	30.7
79	8.9	0.0	28.5





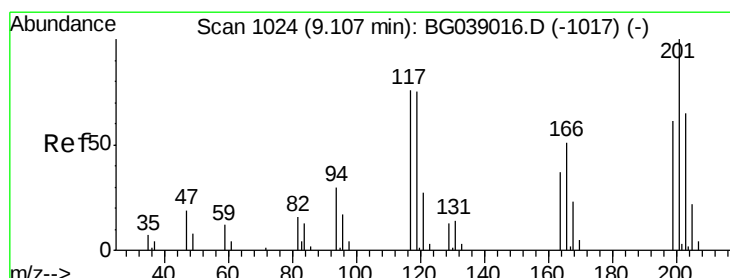
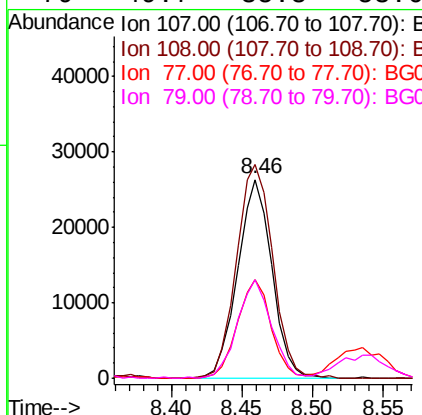
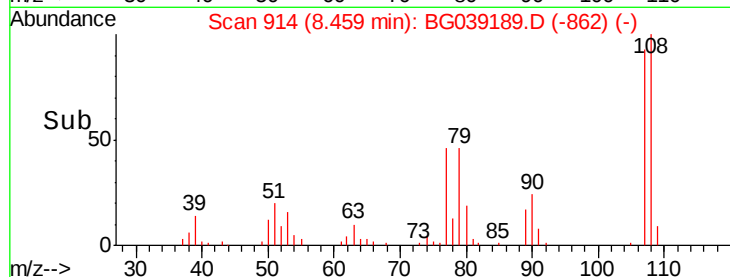
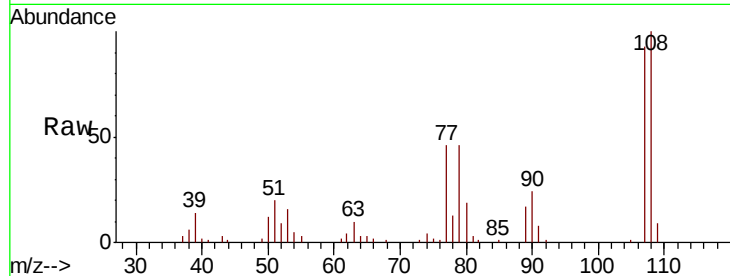
#17
2-Methylphenol
Concen: 41.597 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	90.3	135.5
77	49.4	38.3	57.5
79	49.7	35.8	53.6

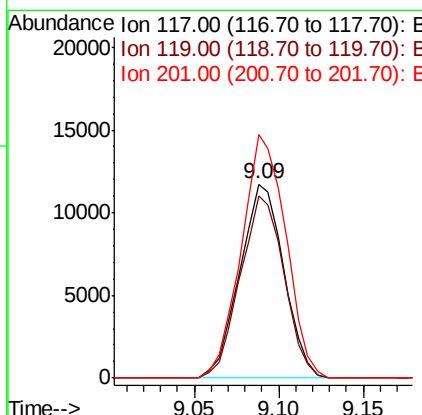
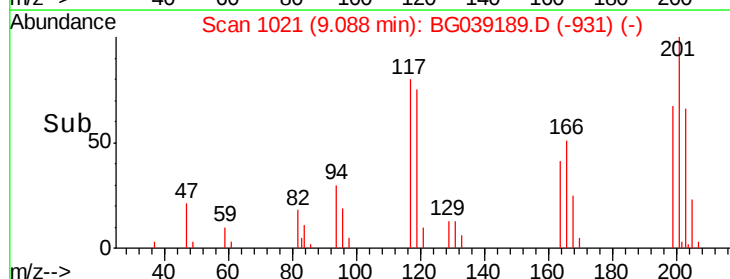
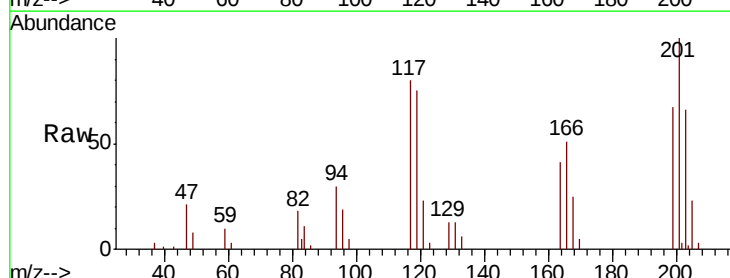
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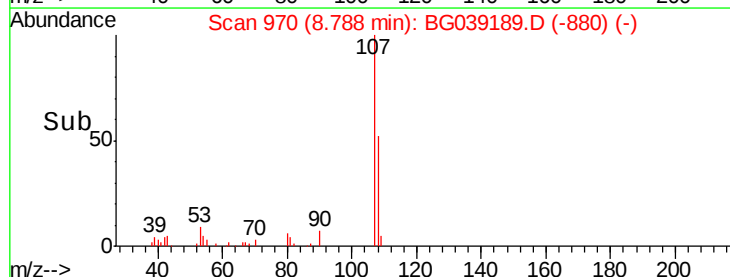
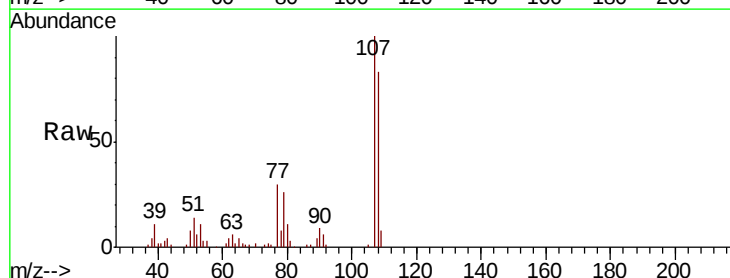
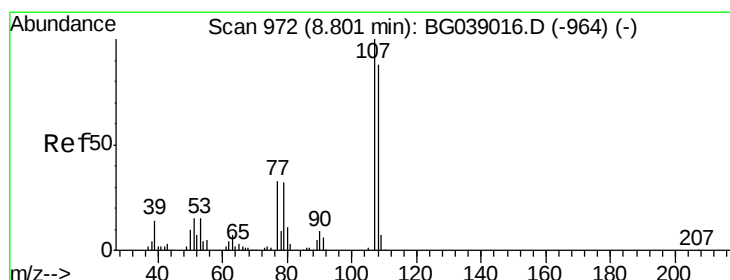
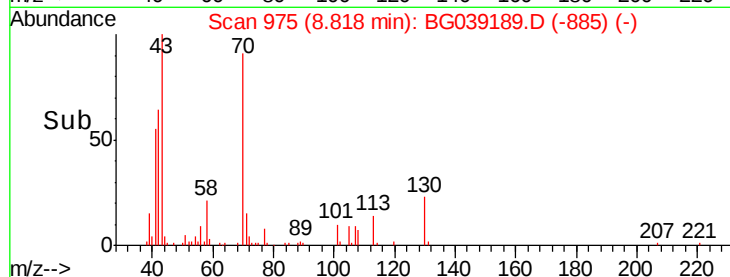
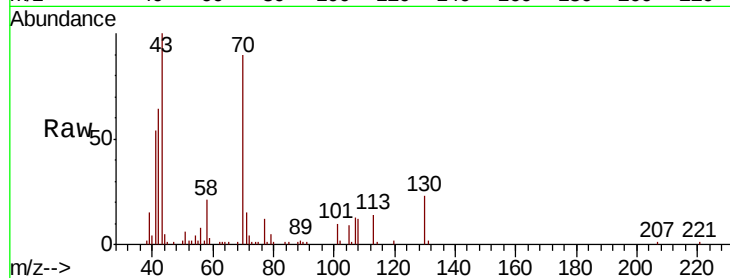
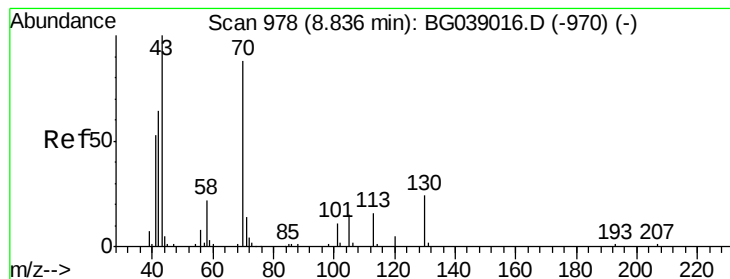
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#18
Hexachloroethane
Concen: 40.764 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.7	118.1
201	129.3	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 37.782 ng

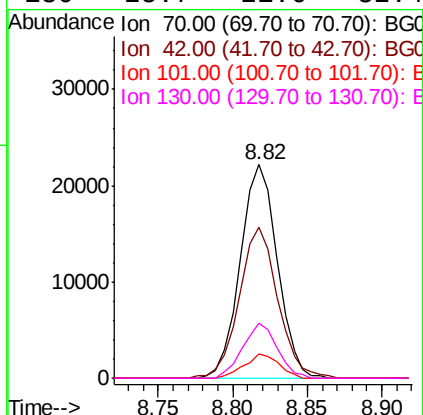
RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.7	59.0	88.4
101	11.4	10.4	15.6
130	25.7	21.6	32.4



Instrument :

BNA_G

ClientSampleId :

PB116414BSD

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#20

3+4-Methylphenols

Concen: 43.468 ng

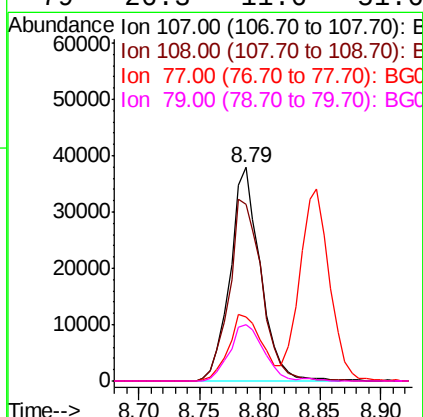
RT: 8.79 min Scan# 970

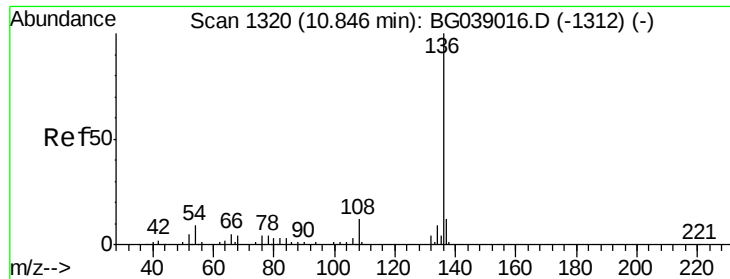
Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.0	68.4	108.4
77	30.3	13.3	53.3
79	26.3	11.6	51.6





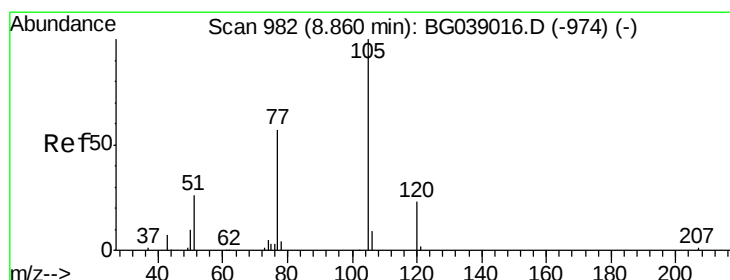
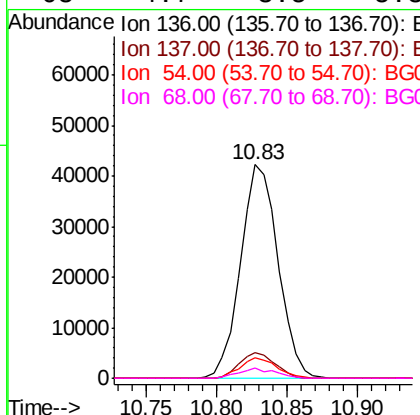
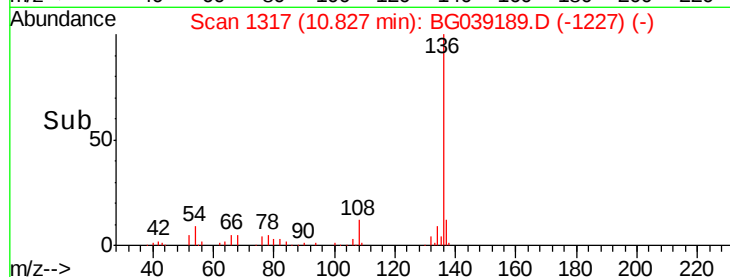
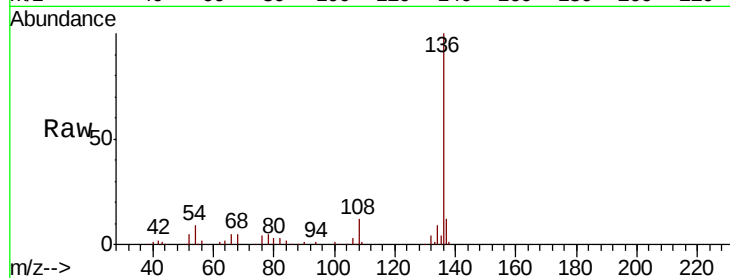
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.4	14.2	
54	9.3	7.2	10.8	
68	4.7	3.5	5.3	

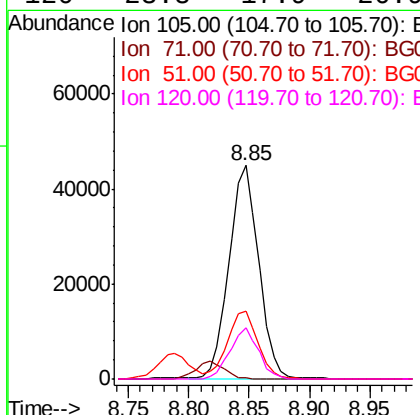
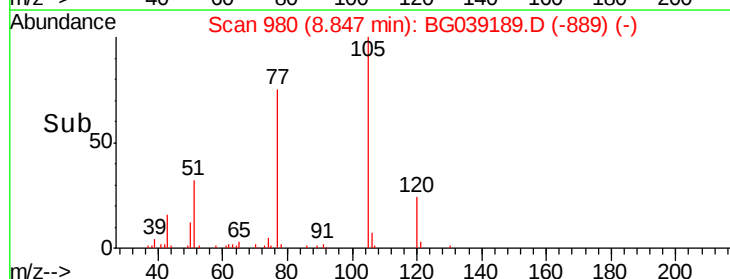
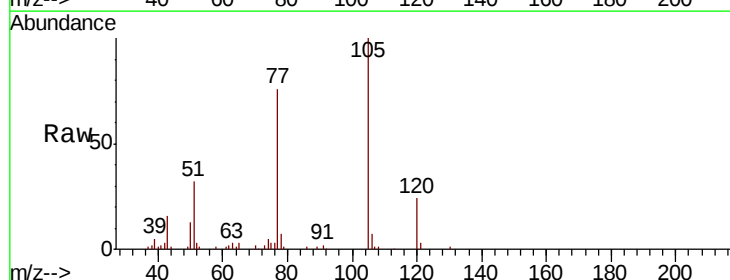
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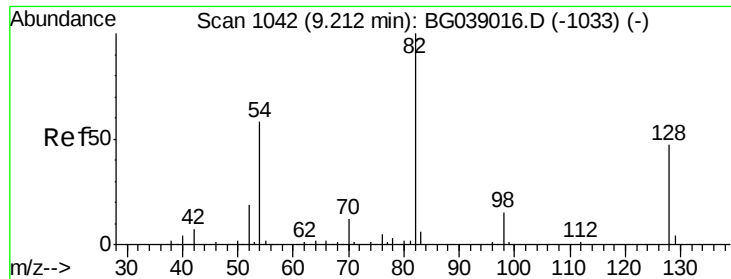
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#22
Acetophenone
Concen: 37.590 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.6	1.0#	
51	31.9	26.6	39.8	
120	23.8	17.9	26.9	





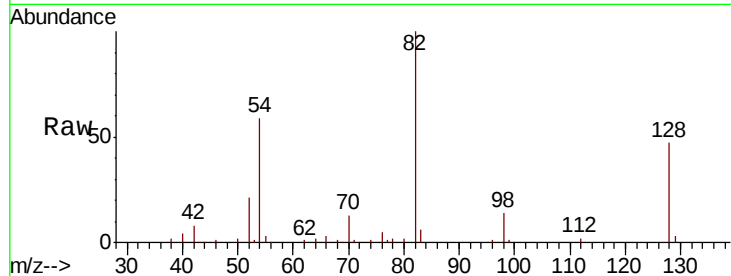
#23
Nitrobenzene-d5
Concen: 77.506 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

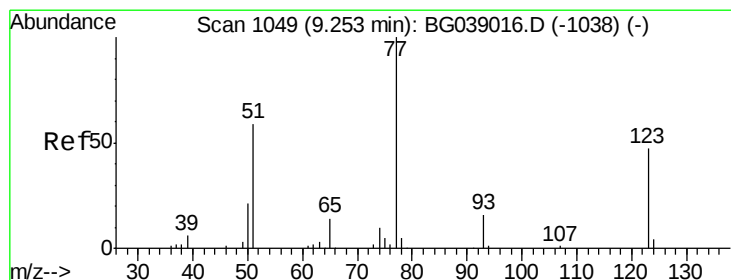
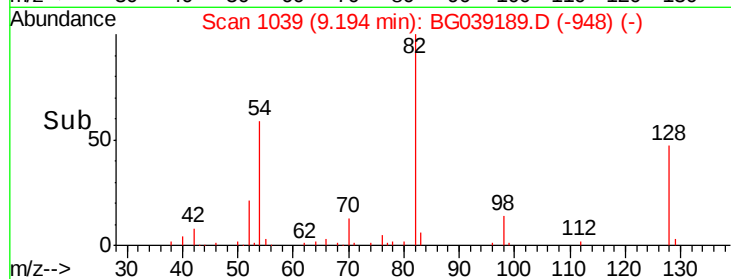
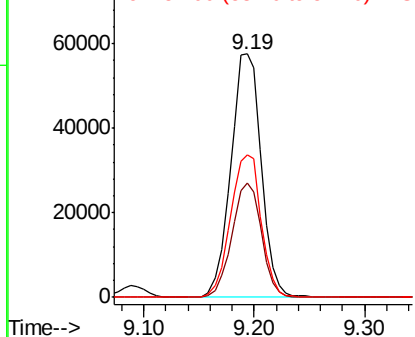
Tot Ion	82	Resp	111419
Ion Ratio	100	Lower	Upper
82	100		
128	47.0	37.3	55.9
54	58.6	46.4	69.6

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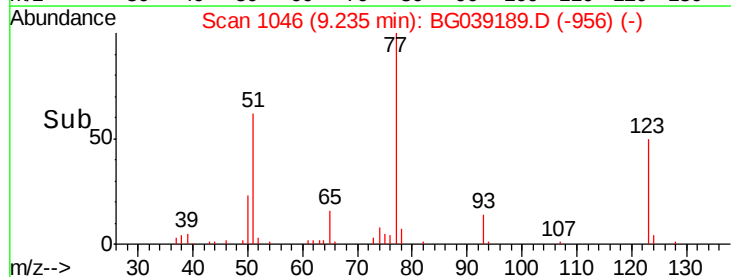
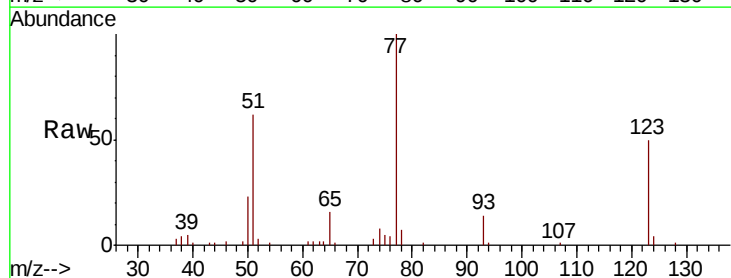
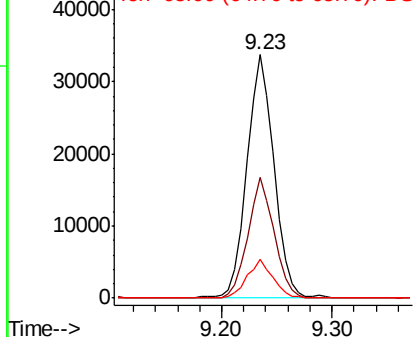
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

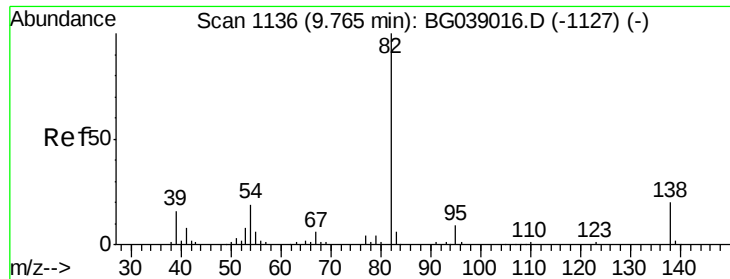


#24
Nitrobenzene
Concen: 40.058 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	77	Resp	58206
Ion Ratio	100	Lower	Upper
77	100		
123	49.8	37.6	56.4
65	15.9	11.0	16.6

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





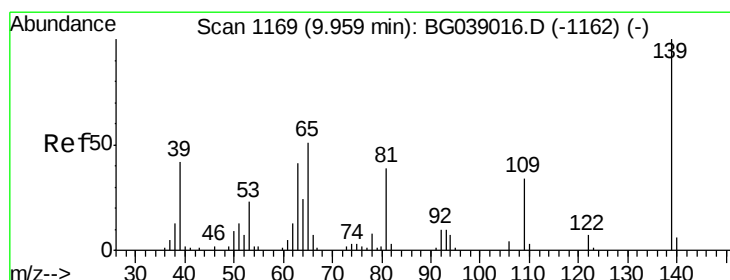
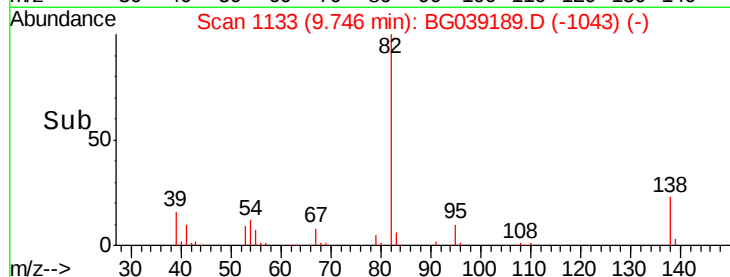
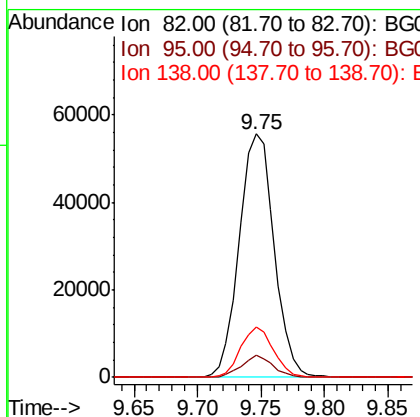
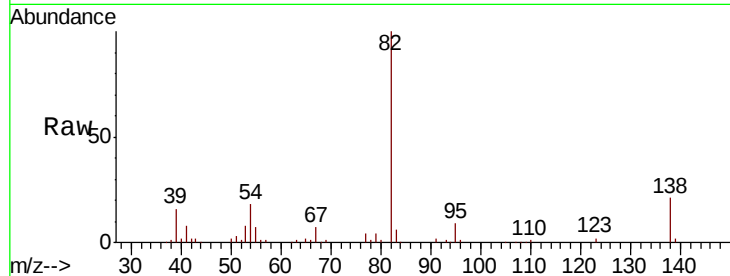
#25
Isophorone
Concen: 42.928 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	82	Resp	106301
Ion Ratio	100	Lower	Upper
82	100		
95	8.9	7.0	10.6
138	20.5	16.2	24.4

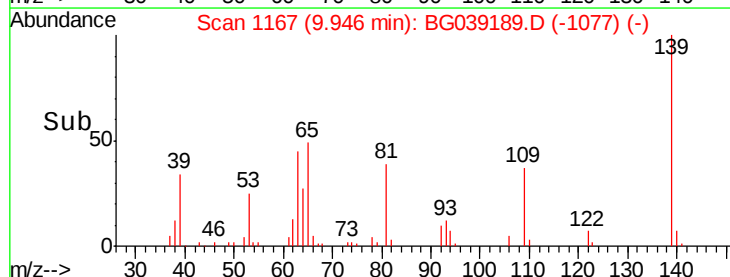
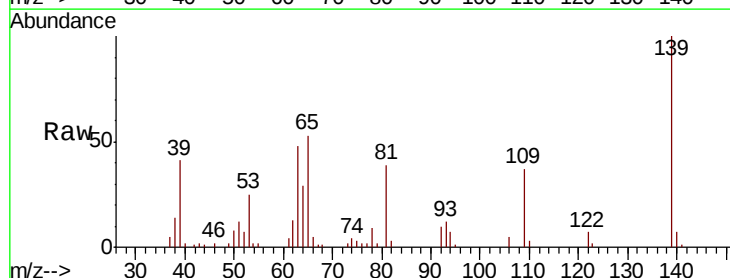
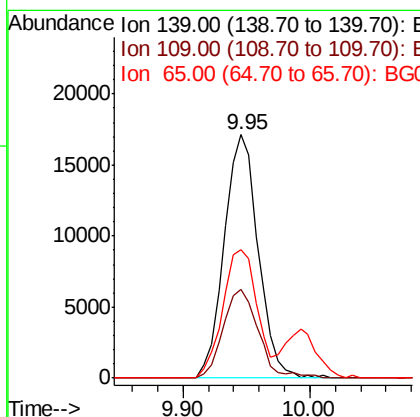
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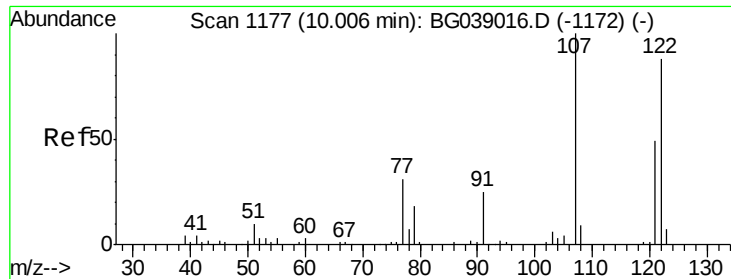
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#26
2-Nitrophenol
Concen: 40.183 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	139	Resp	31581
Ion Ratio	100	Lower	Upper
139	100		
109	36.7	27.3	40.9
65	52.7	40.6	61.0





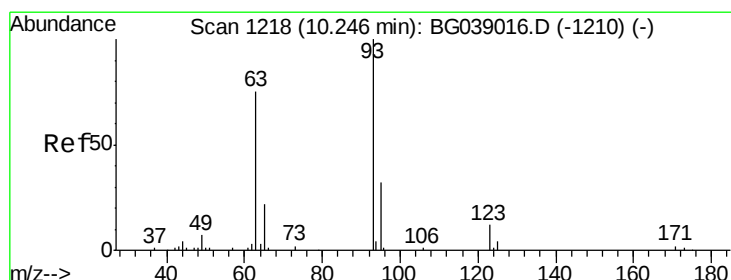
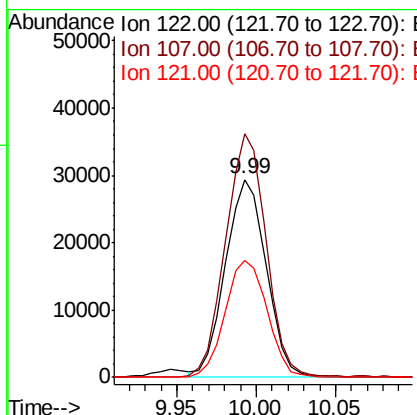
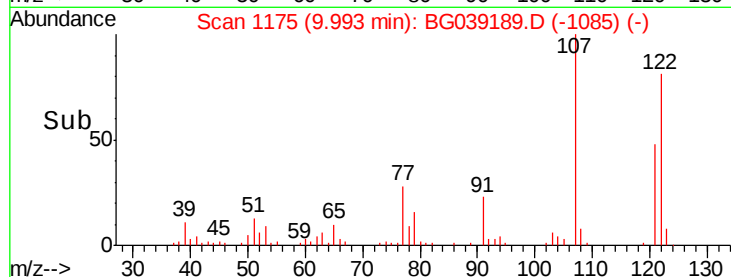
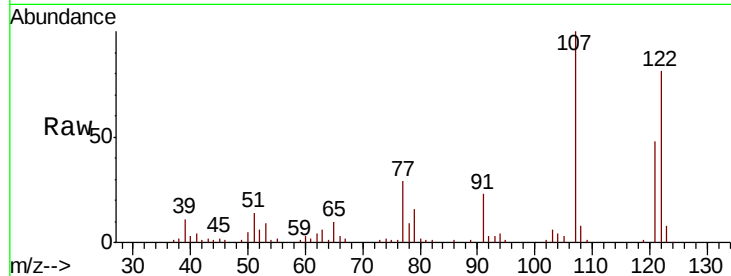
#27
2,4-Dimethylphenol
Concen: 47.499 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	52520		
107	122.9	88.8	133.2	
121	59.2	43.1	64.7	

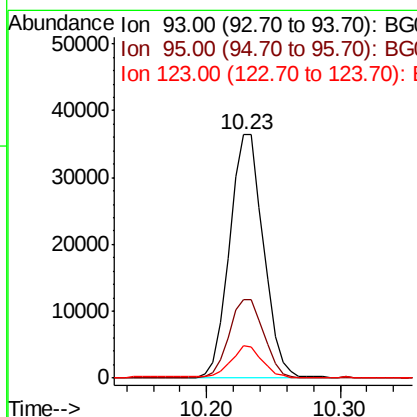
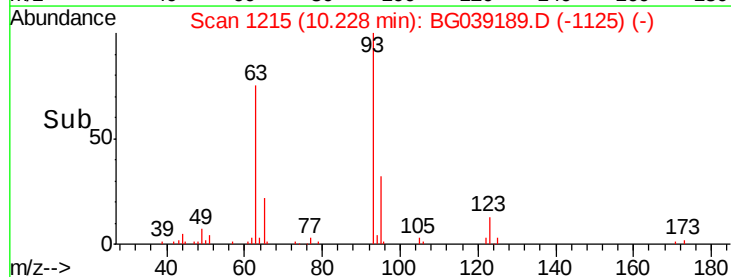
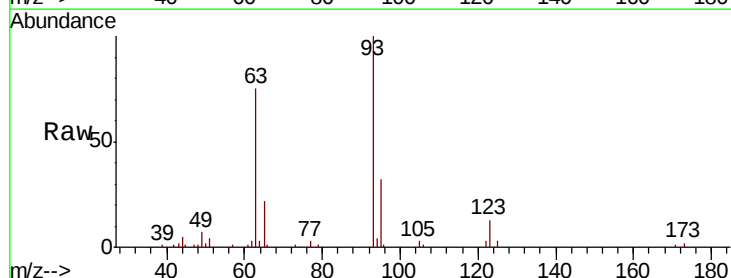
Manual Integrations
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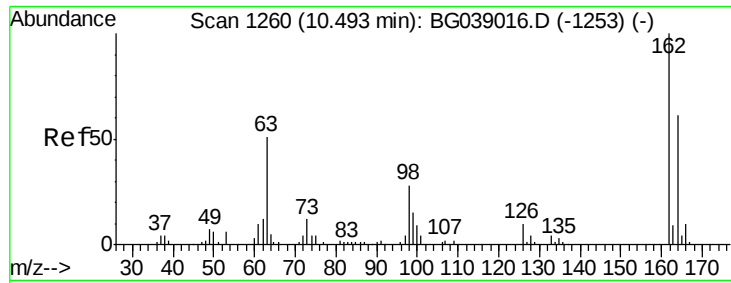
Sohil
1/18/2019 11:24:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.374 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	64551		
95	32.4	25.6	38.4	
123	13.2	10.1	15.1	





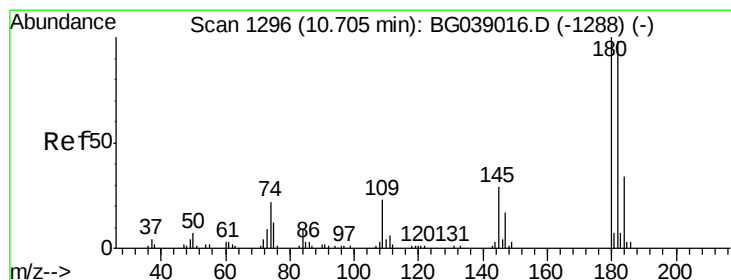
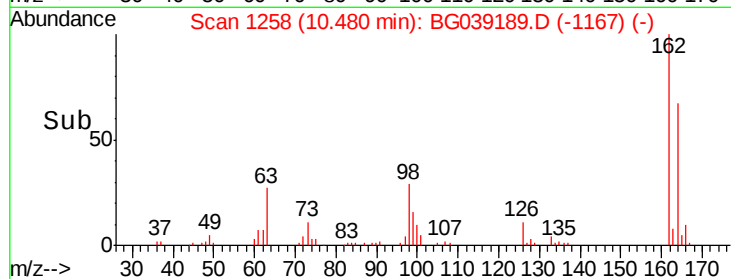
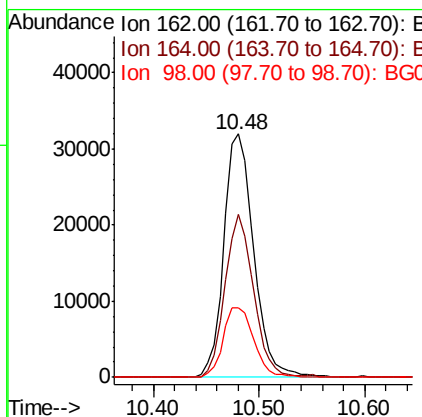
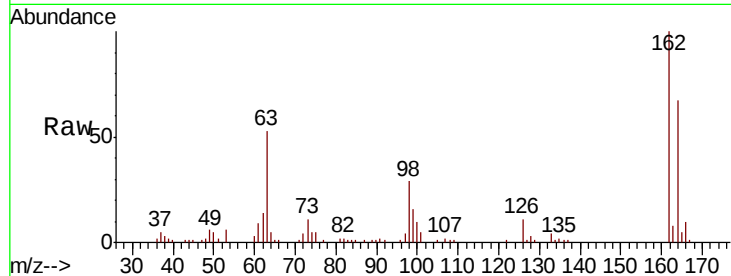
#29
 2,4-Dichlorophenol
 Concen: 45.618 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	41.3	81.3
98	28.6	8.3	48.3

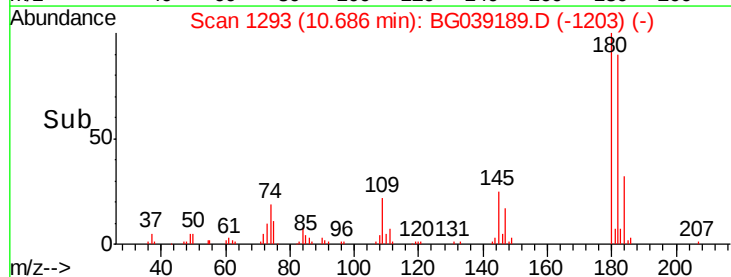
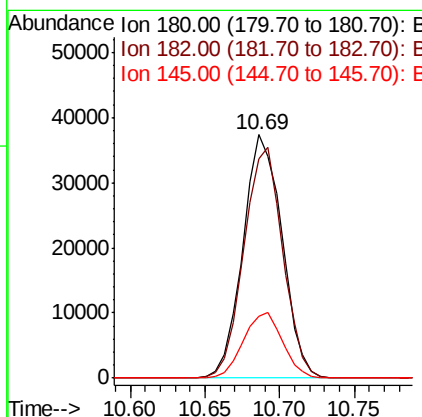
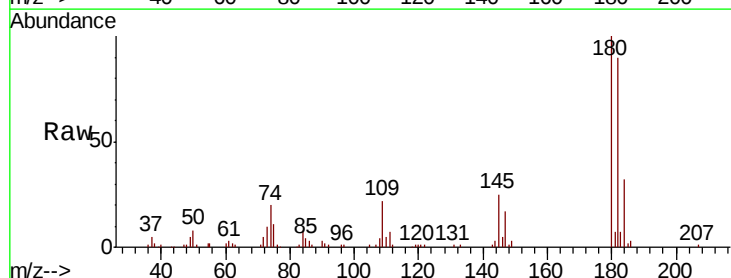
Manual Integrations
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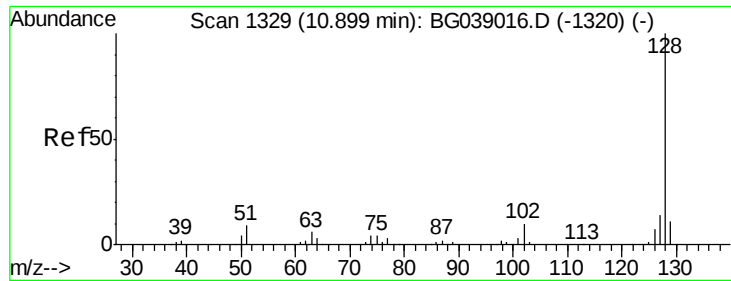
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.933 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	78.1	117.1
145	25.4	23.1	34.7





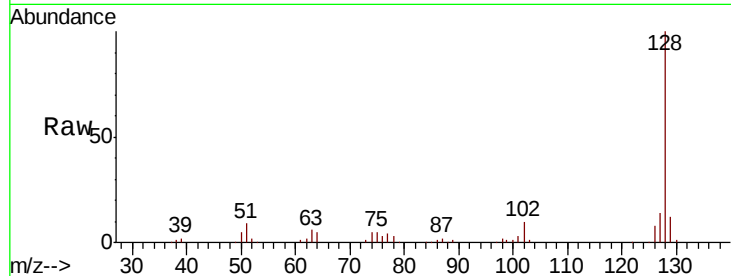
#31
Naphthalene
Concen: 41.735 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	164656		
129	11.9	9.1	13.7	
127	13.9	11.2	16.8	

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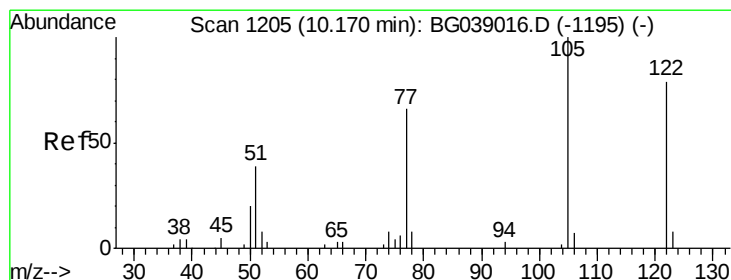
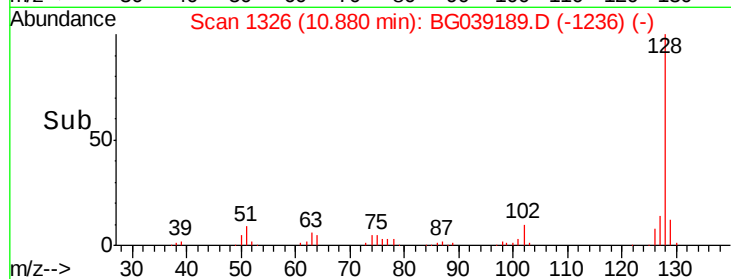
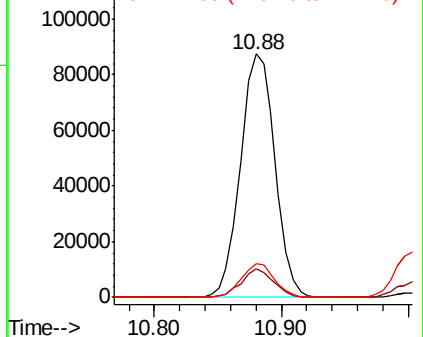


Abundance

Ion 128.00 (127.70 to 128.70): E

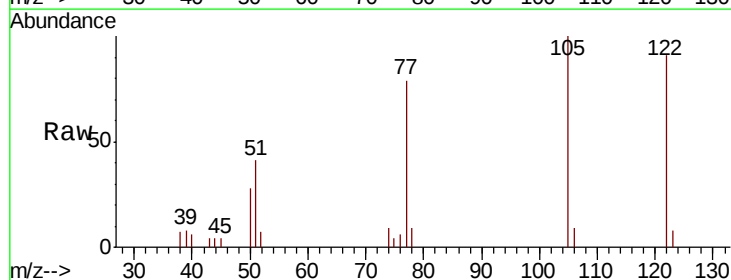
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.355 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	15162		
105	110.3	106.4	146.4	
77	87.7	63.6	103.6	

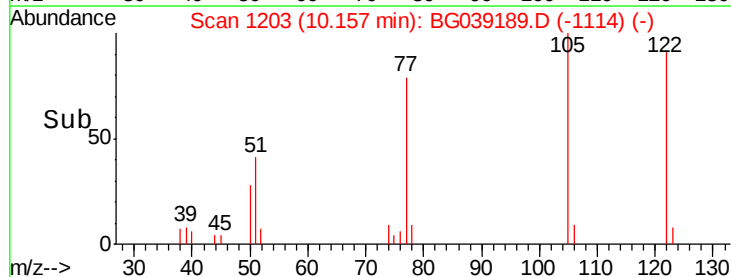
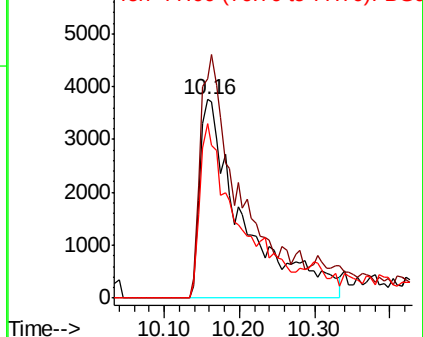


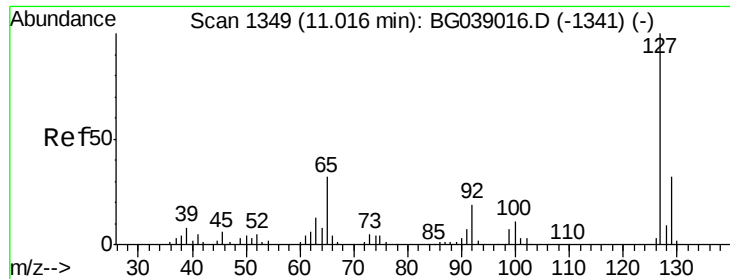
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





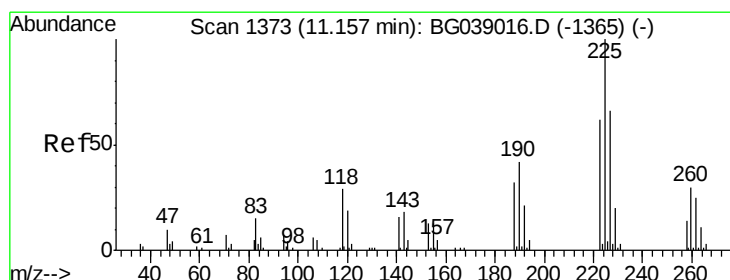
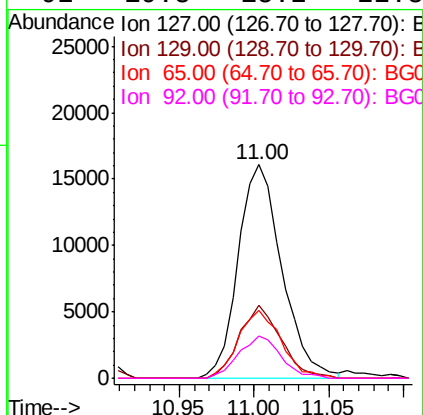
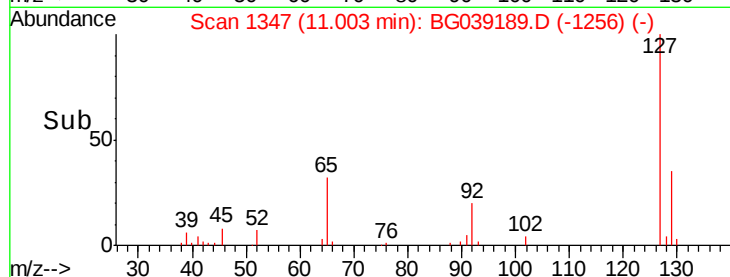
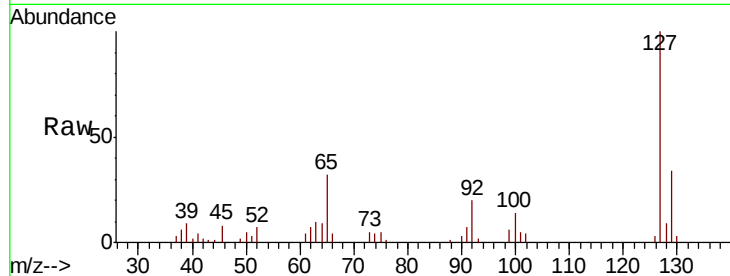
#33
4-Chloroaniline
Concen: 18.527 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	25.4	38.0		
65	31.8	25.4	38.0		
92	19.8	15.2	22.8		

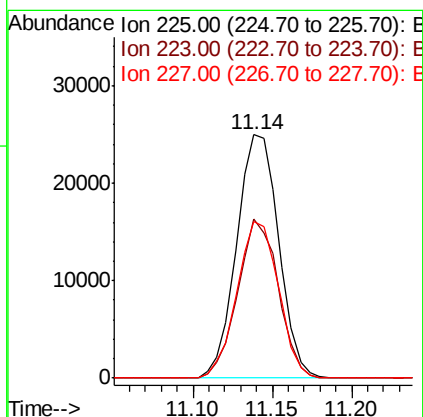
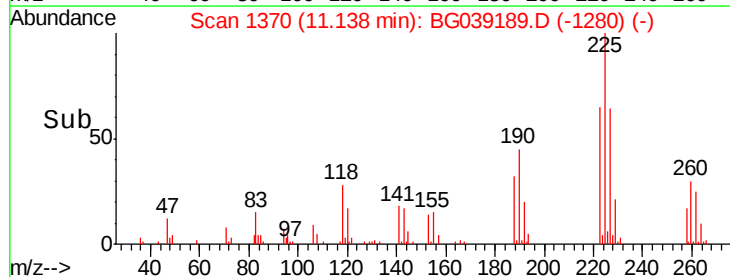
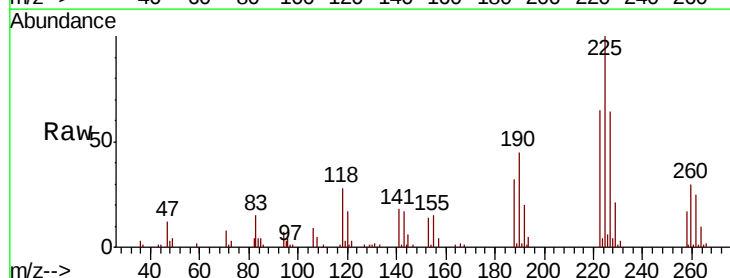
Manual Integrations
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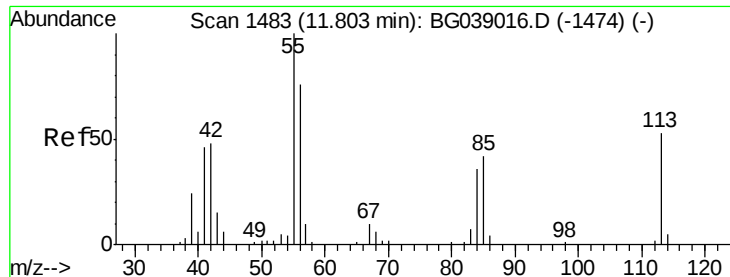
Sohil
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#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.2	75.4		
227	64.3	53.2	79.8		





#35

Caprolactam

Concen: 36.007 ng/mL

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampled :

PB116414BSD

Tot Ion:113 Resp: 19834

Ion Ratio Lower Upper

113 100

55 207.3 168.6 208.6

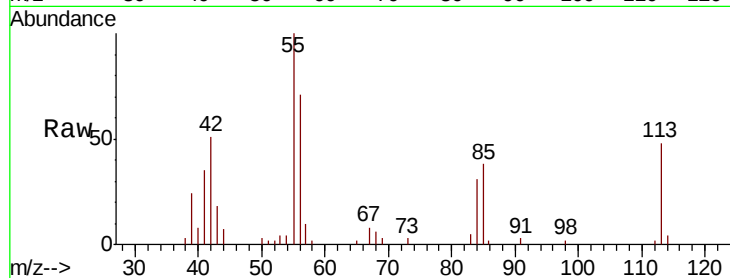
56 147.5 123.2 163.2

Manual Integrations

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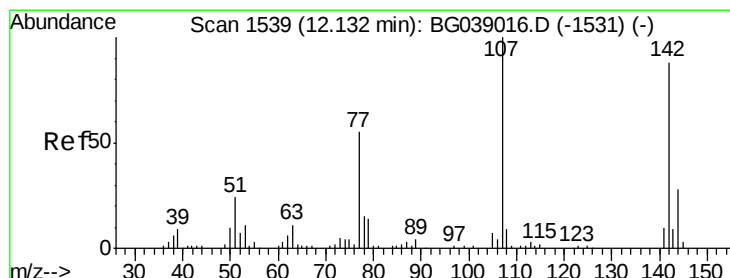
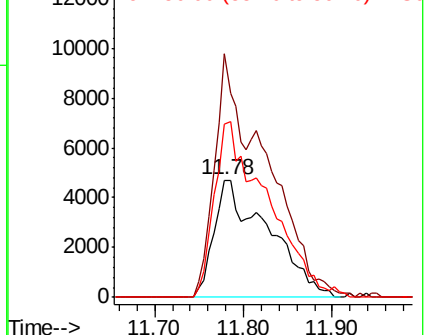
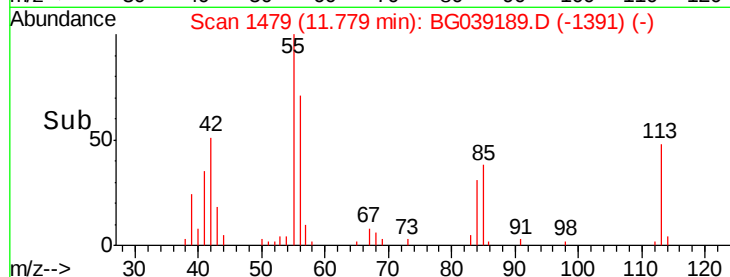
1/18/2019 11:24:03 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039189.D (-1391) (-)

Ion 56.00 (55.70 to 56.70): BG039189.D (-1391) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.378 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

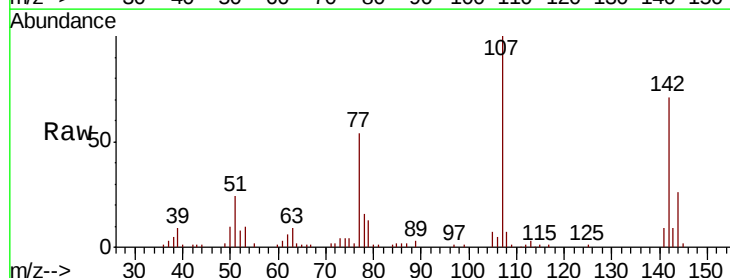
Tgt Ion:107 Resp: 59323

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

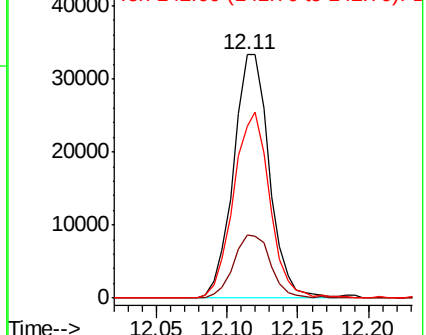
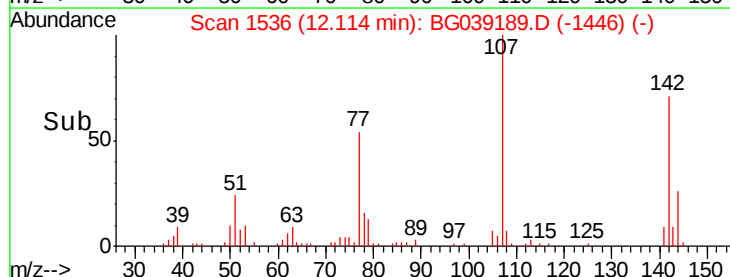
142 70.6 70.2 105.4

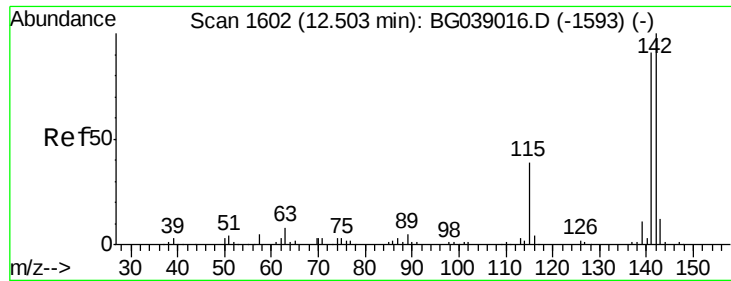


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





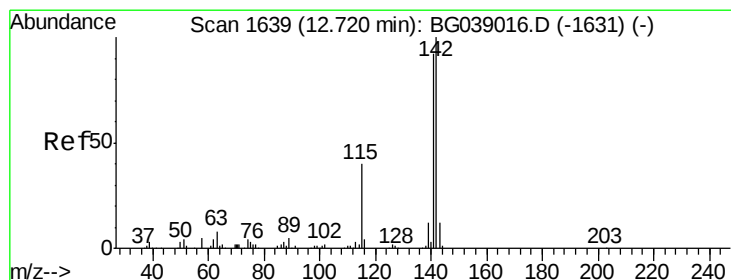
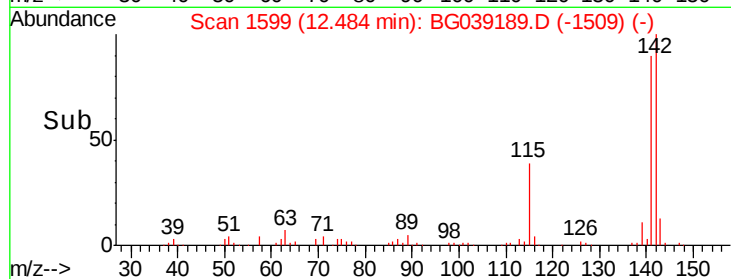
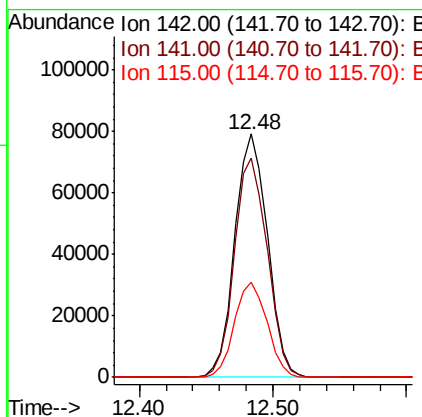
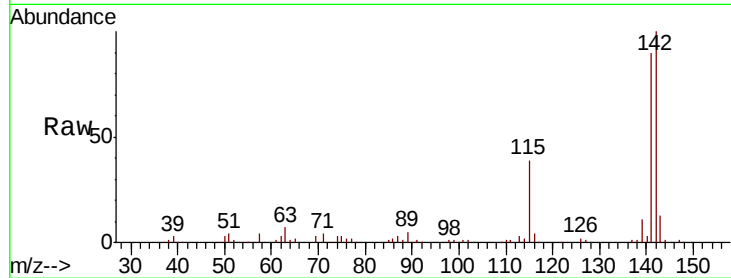
#37
2-Methylnaphthalene
Concen: 45.433 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	109.0
115	39.3	31.1	46.7

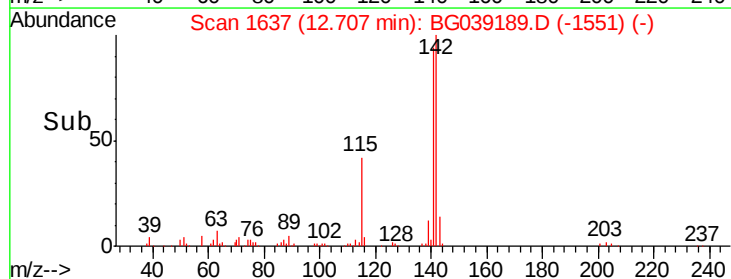
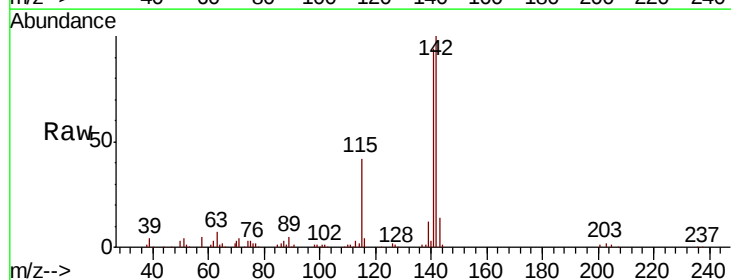
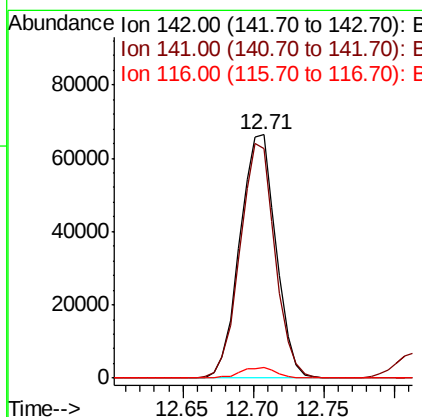
Manual Integrations
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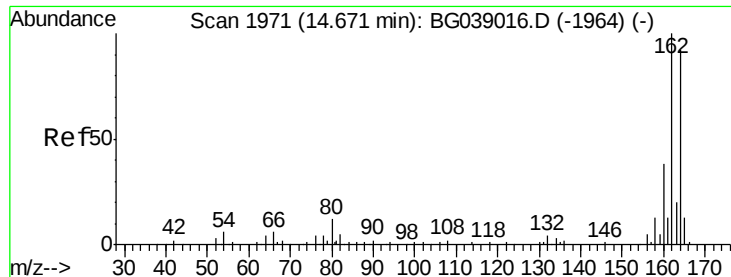
Sohil
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#38
1-Methylnaphthalene
Concen: 41.783 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.3	109.9
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

Tot Ion:164 Resp: 55270

Ion Ratio Lower Upper

164 100

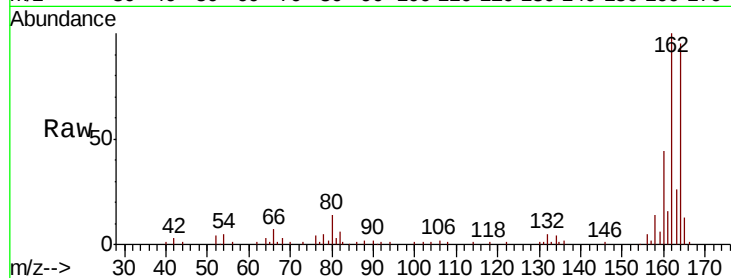
162 105.2 87.2 130.8

160 46.1 33.3 49.9

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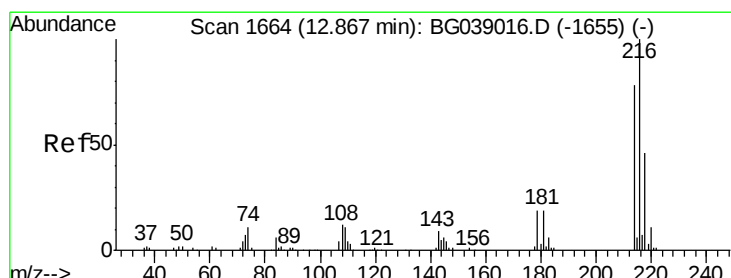
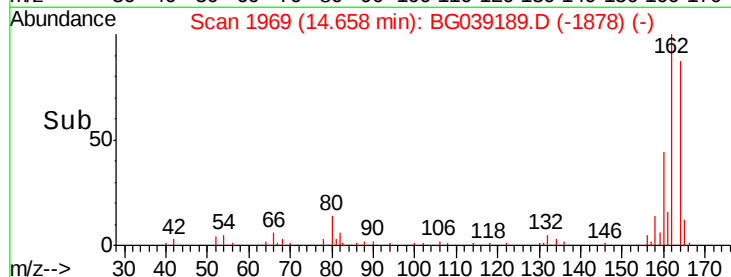
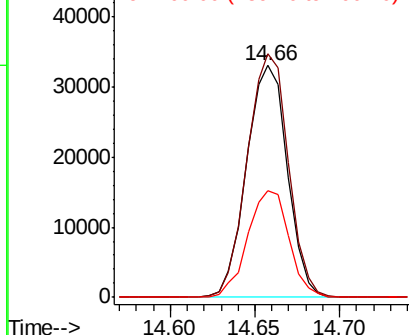


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.116 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:216 Resp: 85345

Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 19.8 15.5 23.3

108 16.1 11.4 17.2

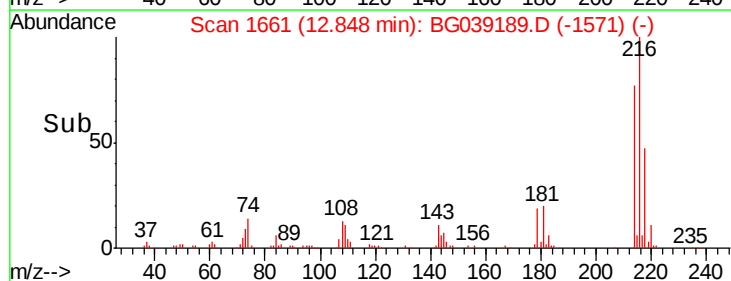
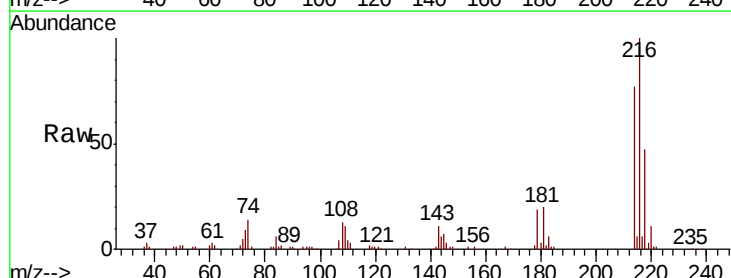
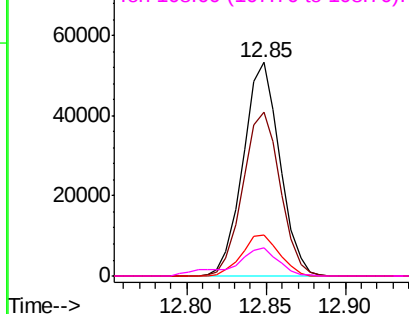
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.912 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

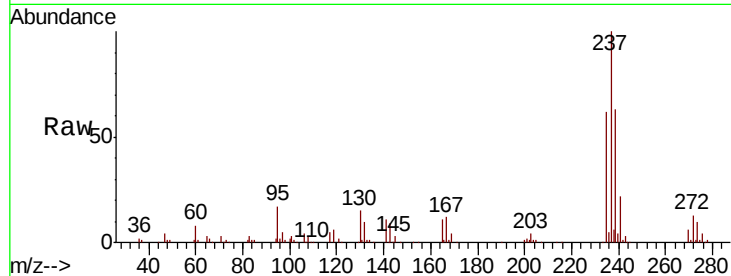
ClientSampleId :

PB116414BSD

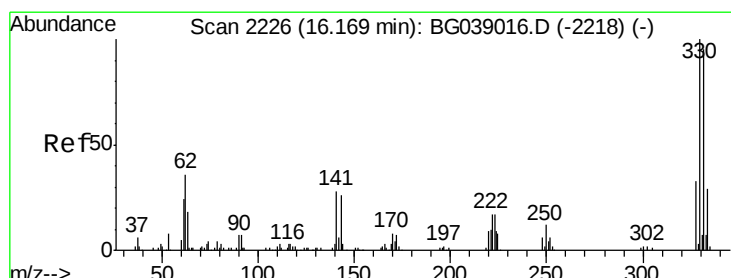
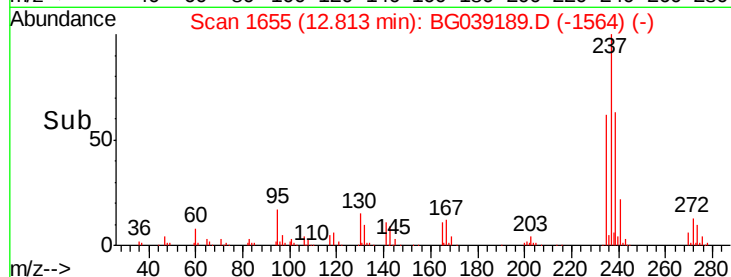
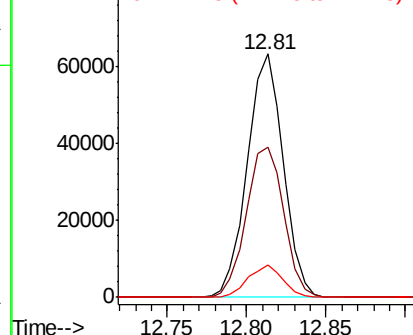
Tot Ion:	237	Resp:	99710
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.7	81.7
272	13.5	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 123.133 ng

RT: 16.15 min Scan# 2223

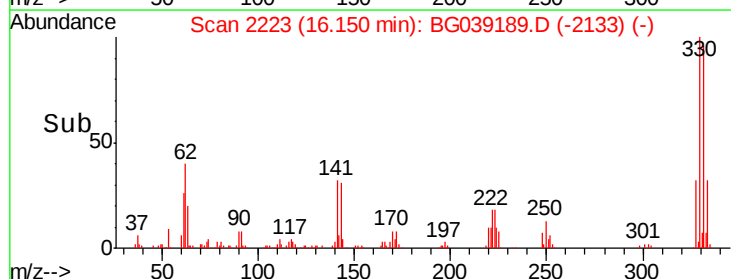
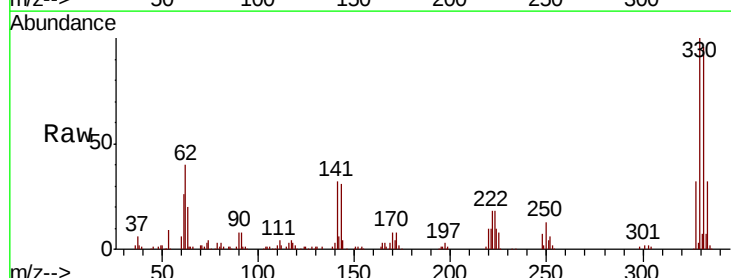
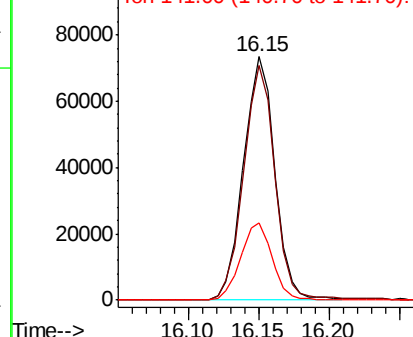
Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	330	Resp:	114080
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.7	113.5
141	32.0	24.9	37.3

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





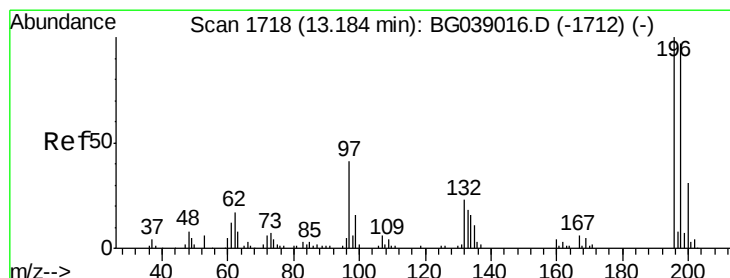
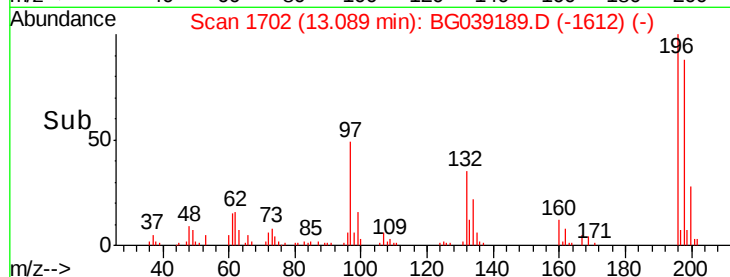
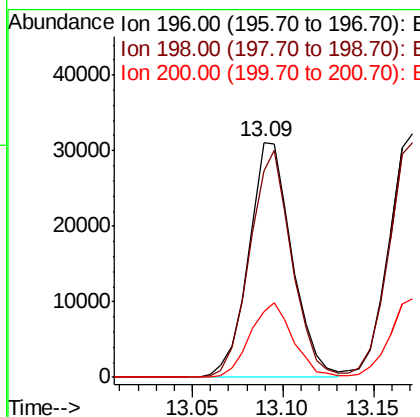
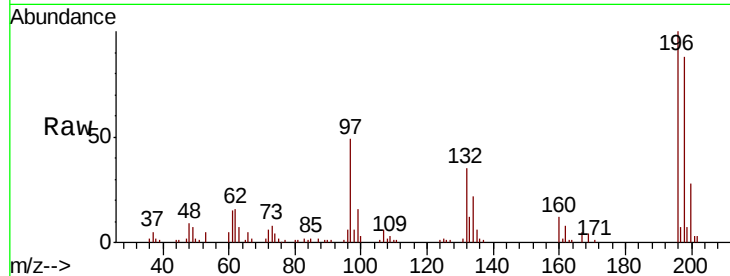
#43
 2,4,6-Trichlorophenol
 Concen: 39.597 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampled :
 PB116414BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.2	74.5	111.7
200	28.2	23.8	35.6

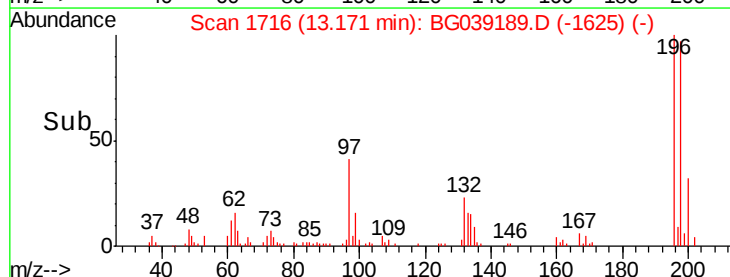
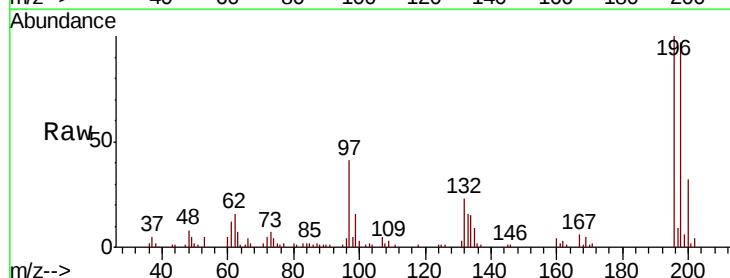
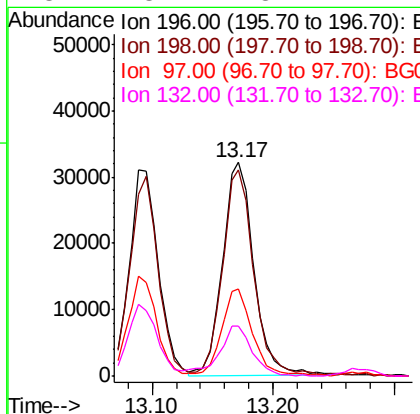
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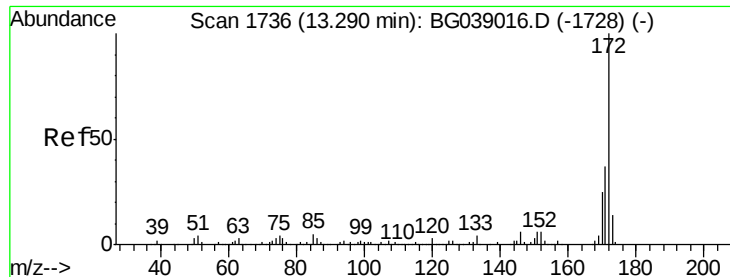
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#44
 2,4,5-Trichlorophenol
 Concen: 41.540 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.1	117.1
97	41.0	33.2	49.8
132	23.1	18.2	27.4





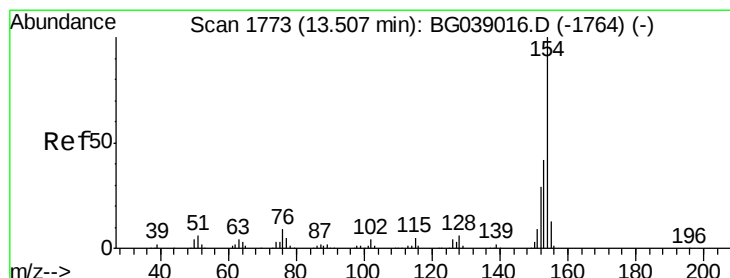
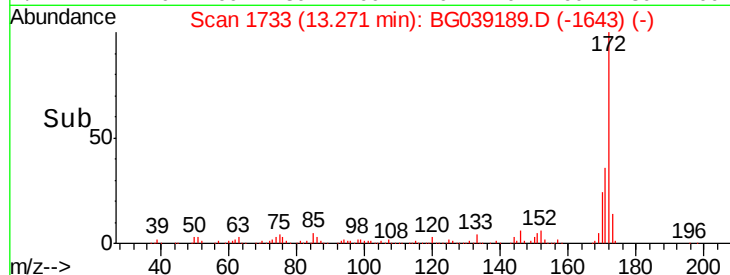
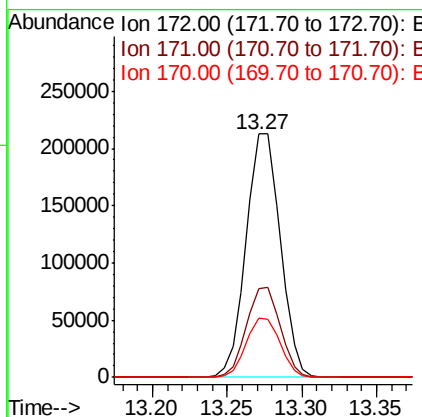
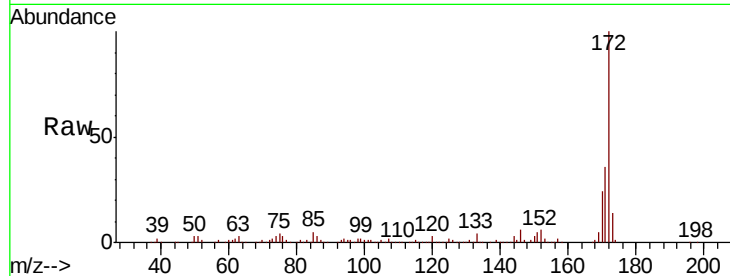
#45
2-Fluorobiphenyl
Concen: 83.380 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.1	30.1

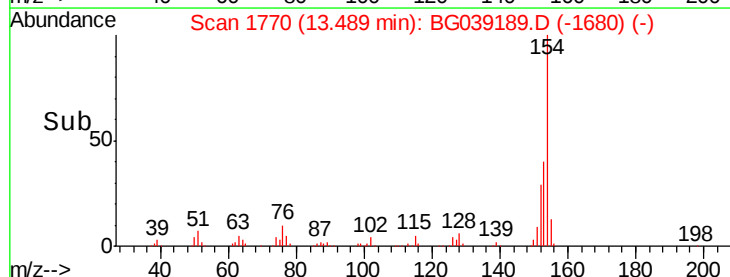
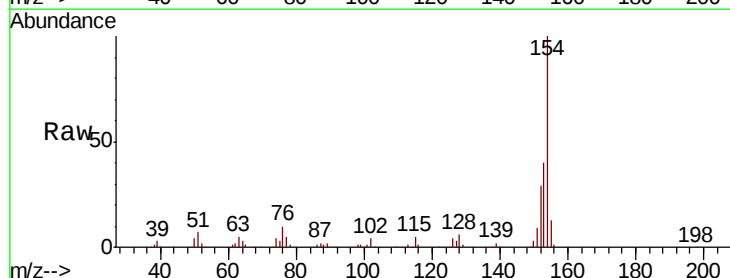
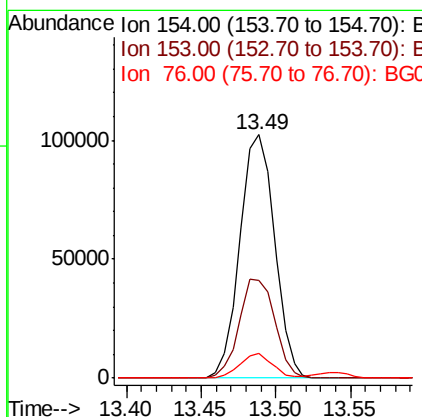
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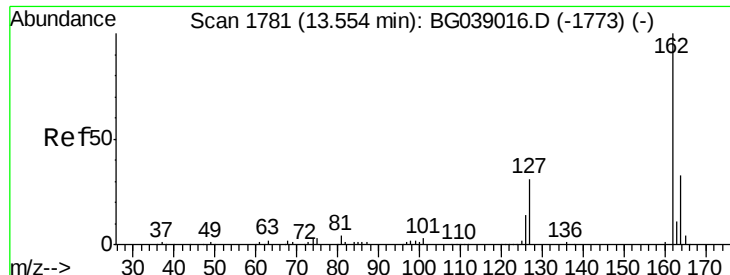
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#46
1,1'-Biphenyl
Concen: 37.822 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	22.4	62.4
76	10.0	0.0	29.4





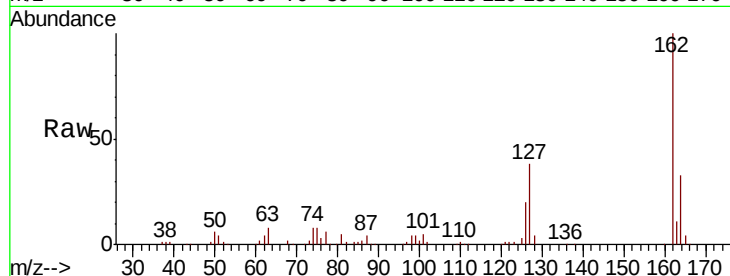
#47
 2-Chloronaphthalene
 Concen: 37.170 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	28.4	42.6
164	32.6	26.3	39.5

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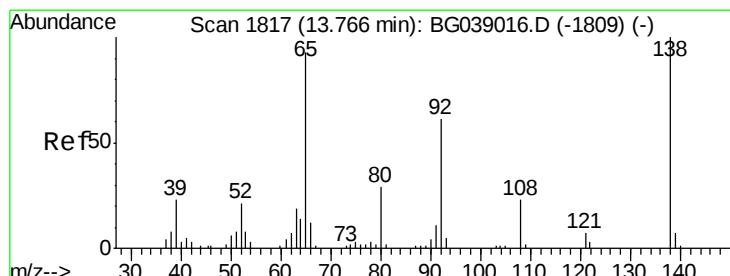
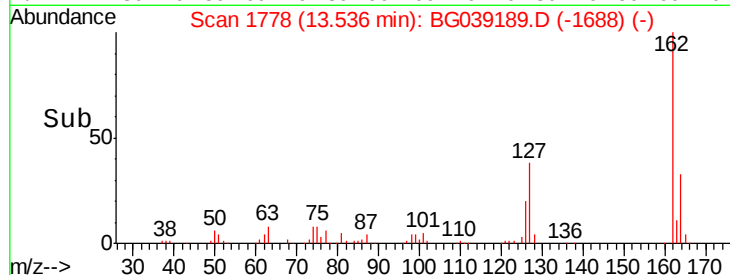
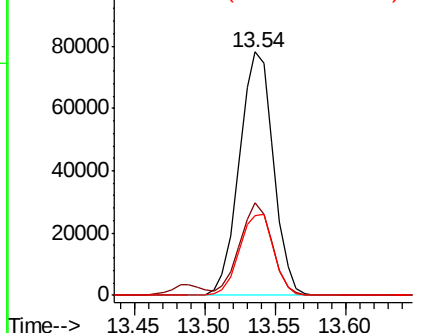


Abundance

Ion 162.00 (161.70 to 162.70): E

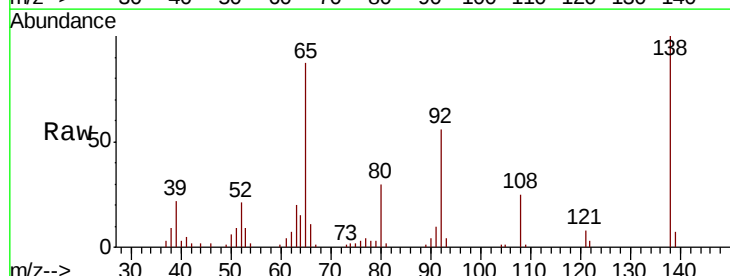
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 38.466 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.2	78.4
138	114.4	86.0	129.0

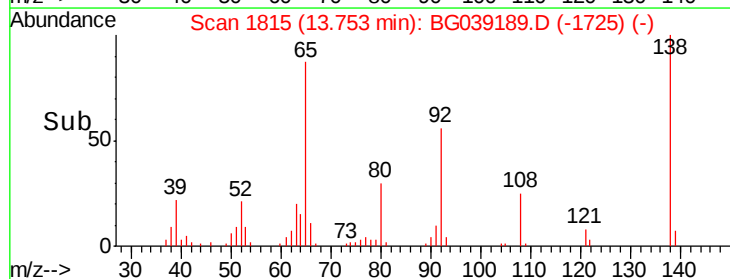
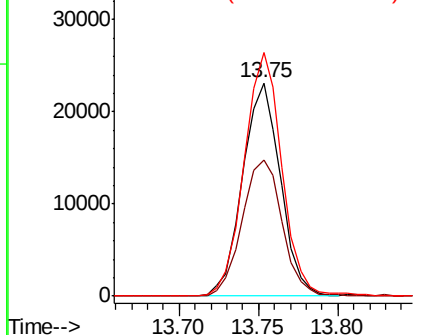


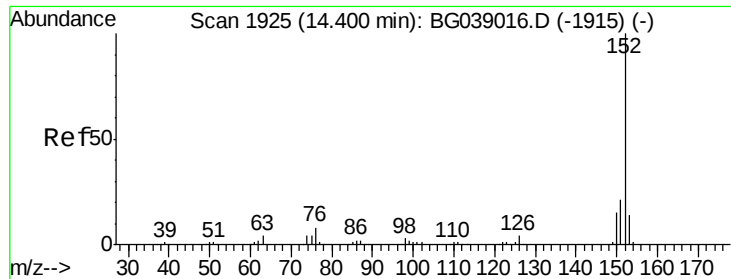
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.708 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

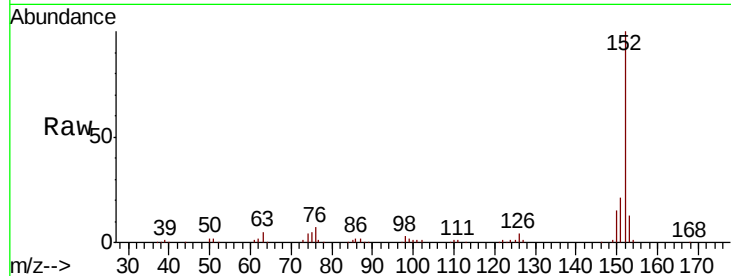
ClientSampleId :

PB116414BSD

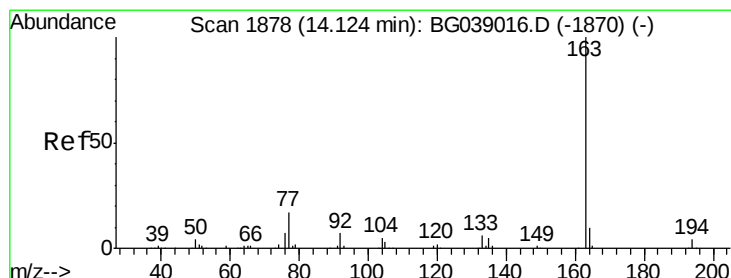
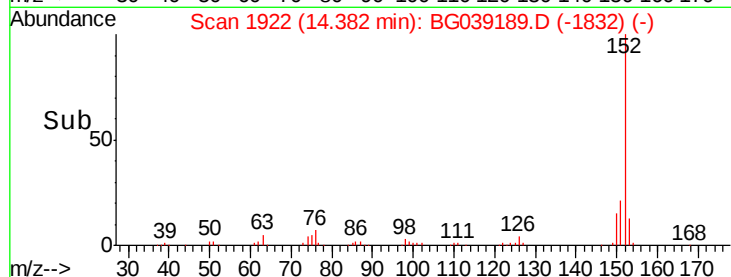
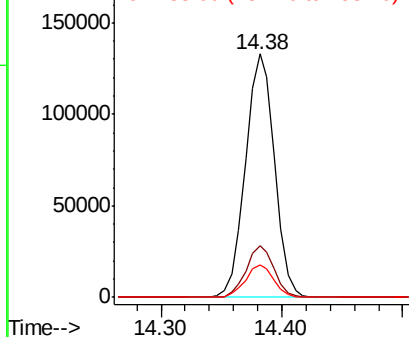
Tot Ion:	152	Resp:	222170
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.4
153	13.2	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.584 ng

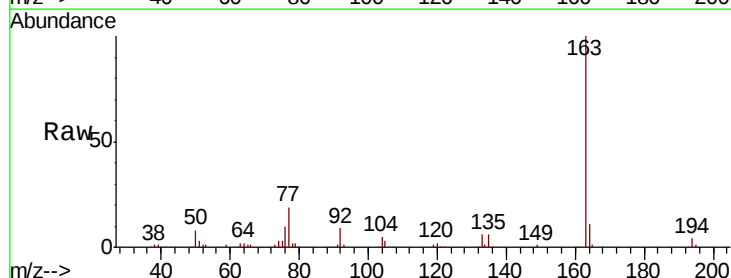
RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

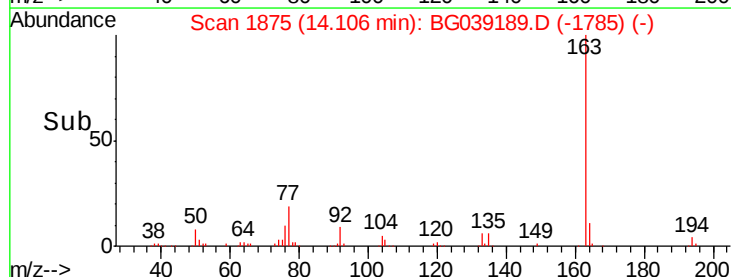
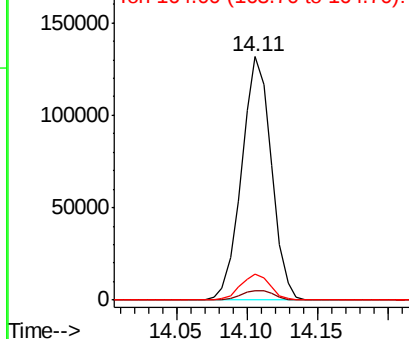
Lab File: BG039189.D

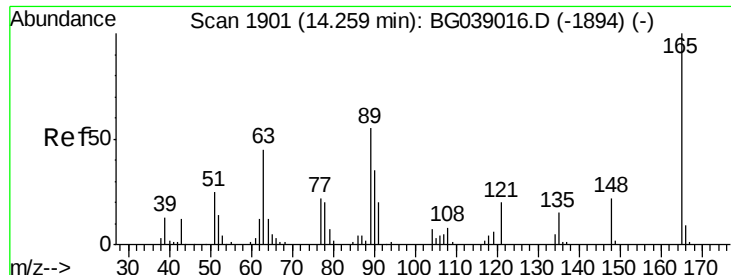
Acq: 17 Jan 2019 16:43

Tgt Ion:	163	Resp:	194222
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.6	5.4
164	10.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





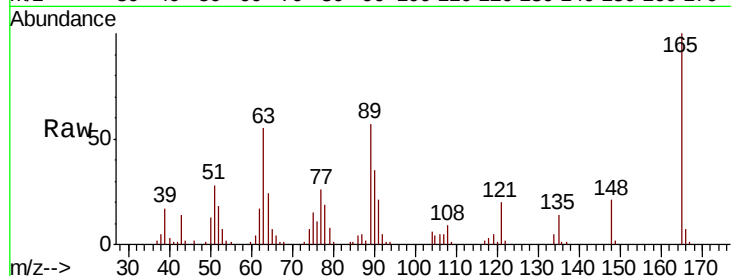
#51
2,6-Dinitrotoluene
Concen: 41.557 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

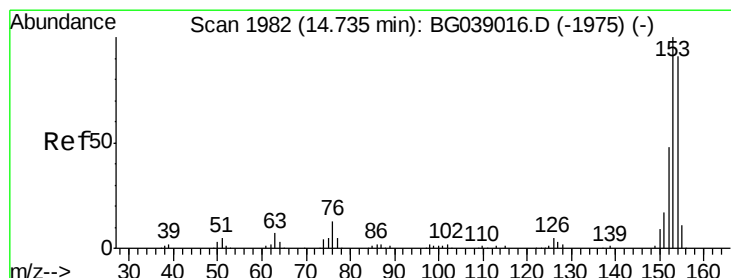
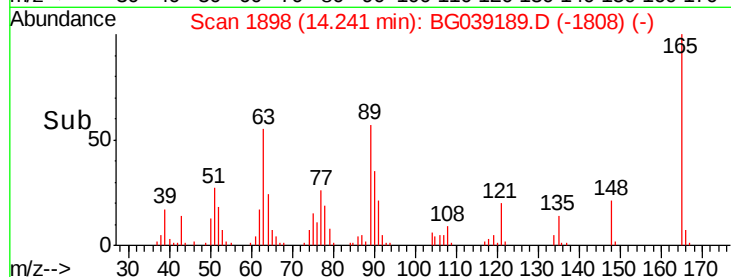
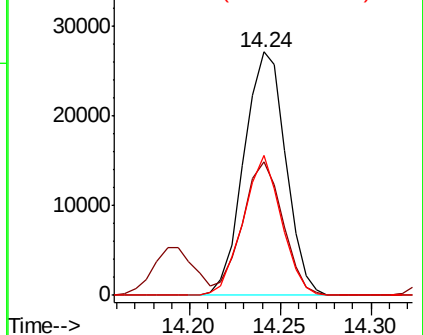
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	43.6	65.4
89	57.3	43.7	65.5

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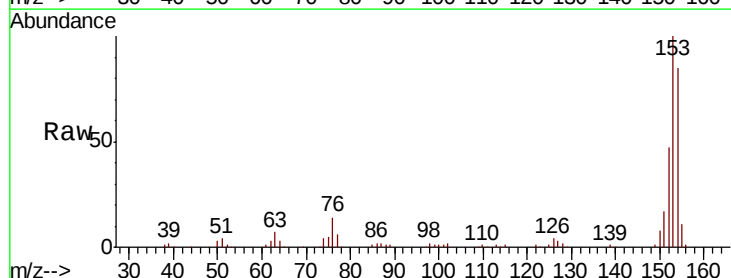


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

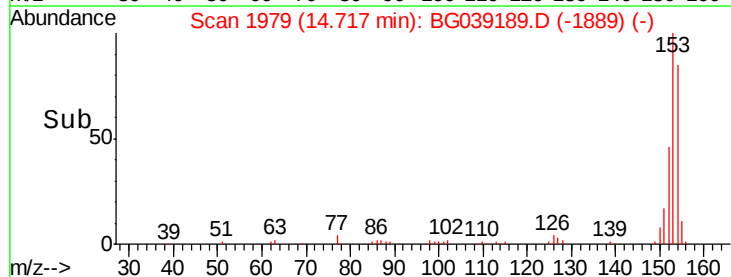
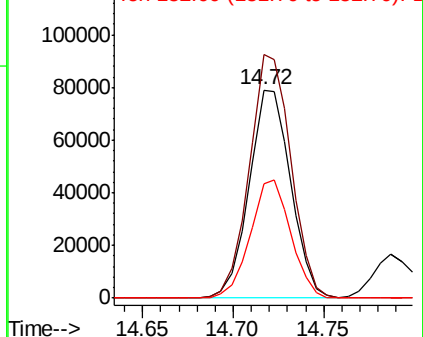


#52
Acenaphthene
Concen: 39.255 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	87.9	131.9
152	55.1	42.2	63.2



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





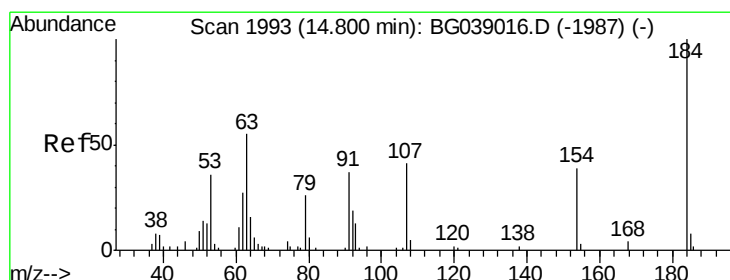
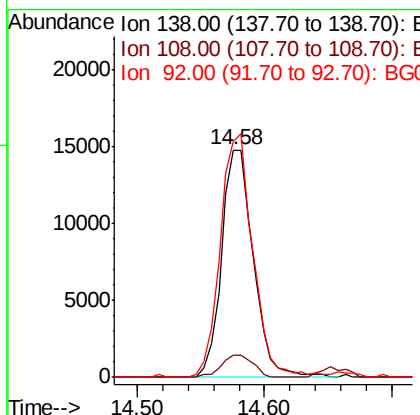
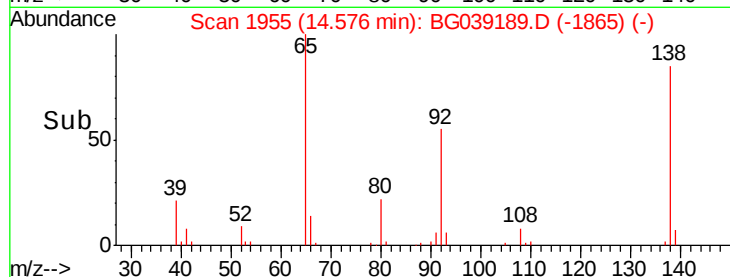
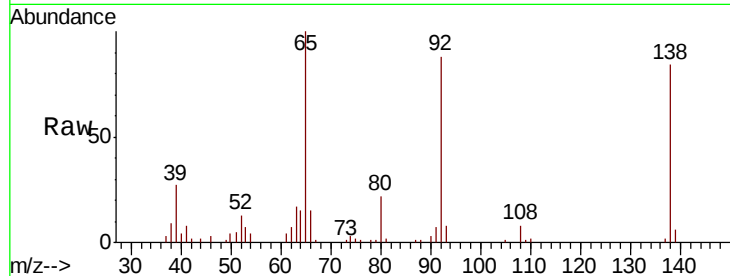
#53
3-Nitroaniline
Concen: 24.146 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.0
92	104.0	88.2	132.4

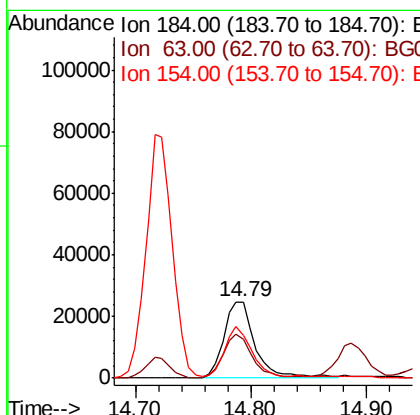
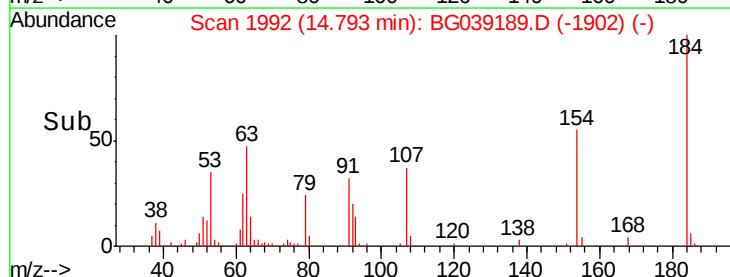
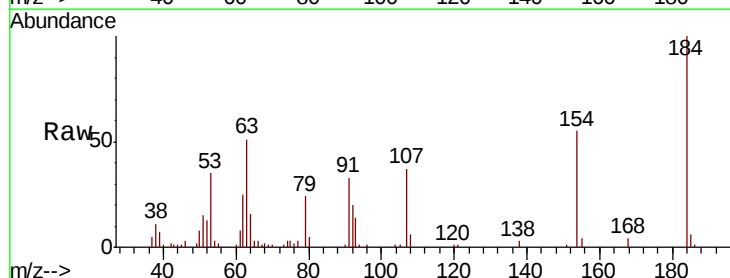
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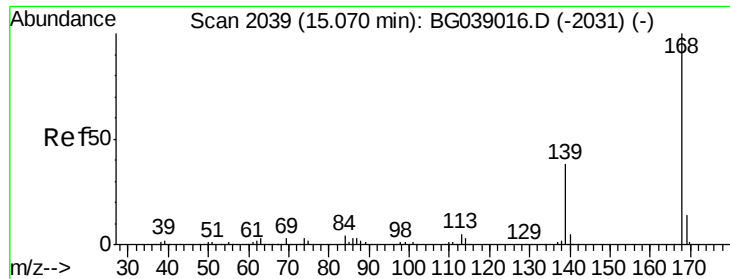
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#54
2,4-Dinitrophenol
Concen: 74.870 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.1	44.0	66.0
154	55.4	46.1	69.1





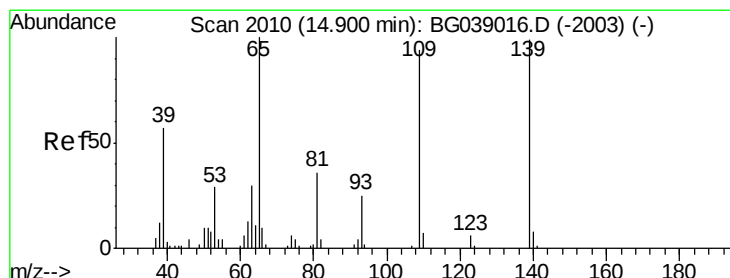
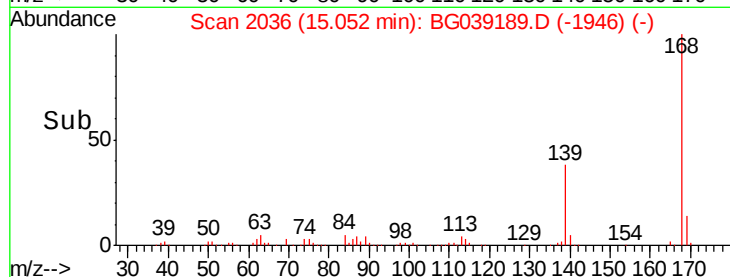
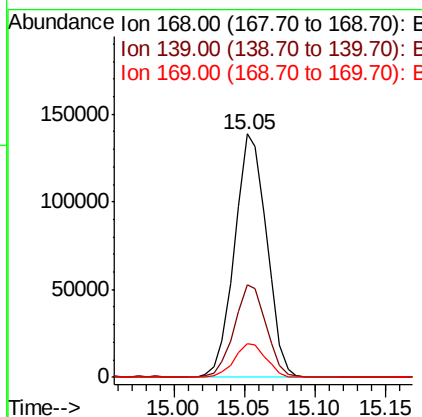
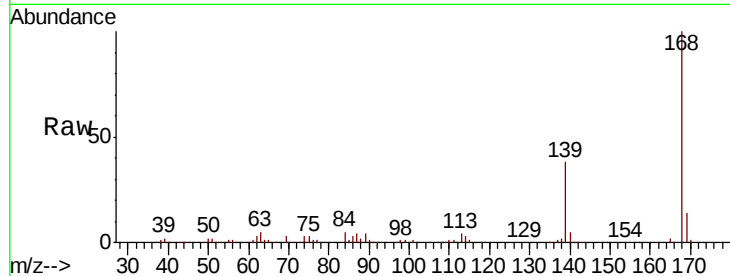
#55
Dibenzenofuran
Concen: 38.885 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion:	168	Resp:	219798
Ion Ratio	Lower	Upper	
168	100		
139	38.1	30.1	45.1
169	14.1	10.9	16.3

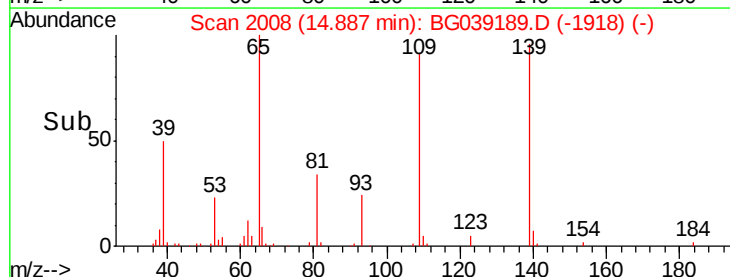
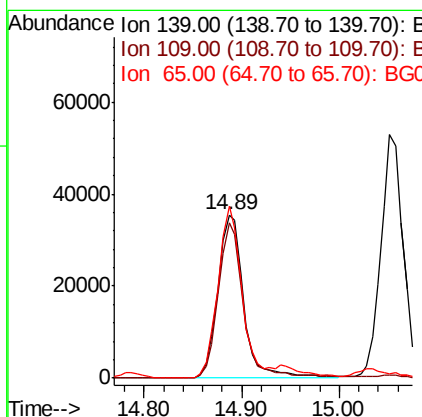
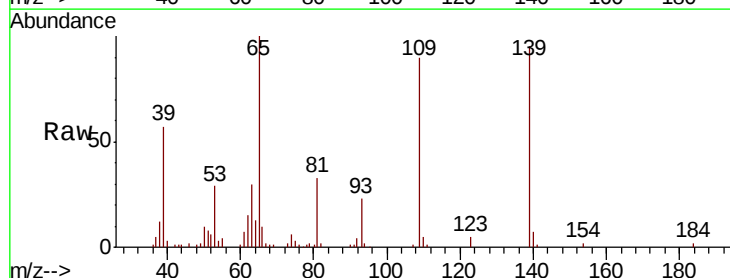
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#56
4-Nitrophenol
Concen: 86.058 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion:	139	Resp:	65592
Ion Ratio	Lower	Upper	
139	100		
109	94.8	75.6	115.6
65	105.4	81.2	121.2





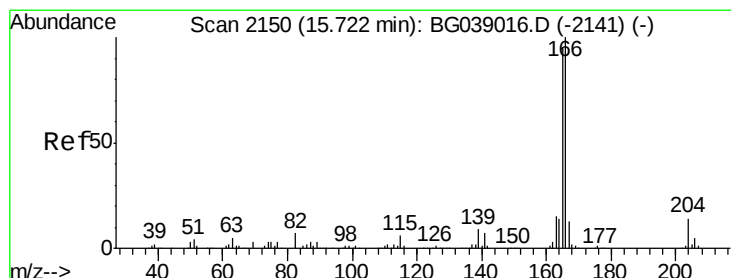
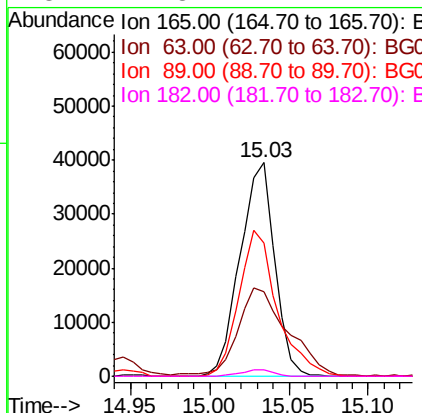
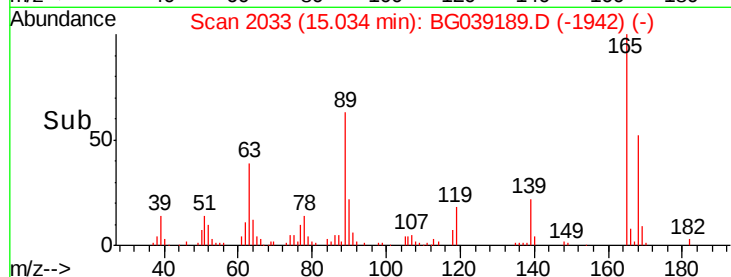
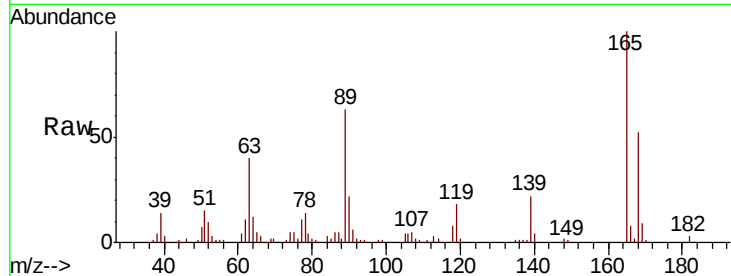
#57
 2,4-Dinitrotoluene
 Concen: 39.894 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleId :
 PB116414BSD

Tot Ion	165	Resp	59766
Ion Ratio	Lower	Upper	
165	100		
63	39.5	30.2	45.4
89	62.5	53.2	79.8
182	2.8	2.7	4.1

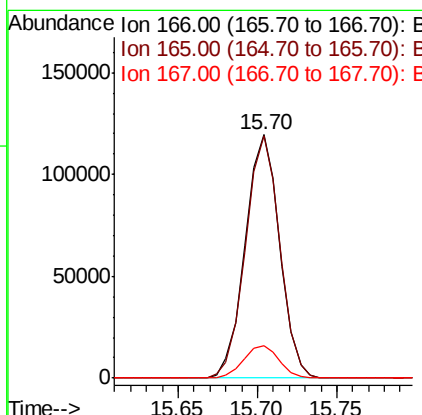
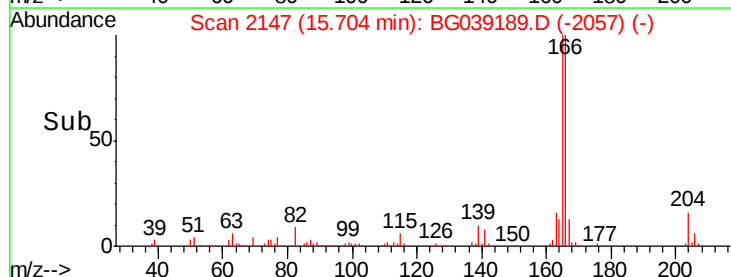
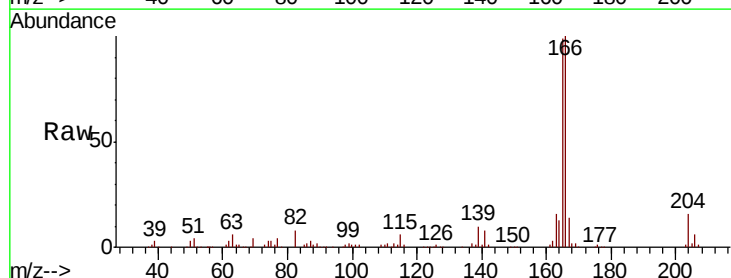
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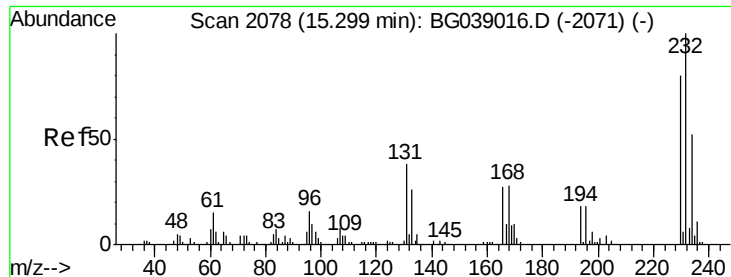
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#58
 Fluorene
 Concen: 42.282 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	166	Resp	179899
Ion Ratio	Lower	Upper	
166	100		
165	99.4	76.2	114.2
167	13.6	10.6	16.0





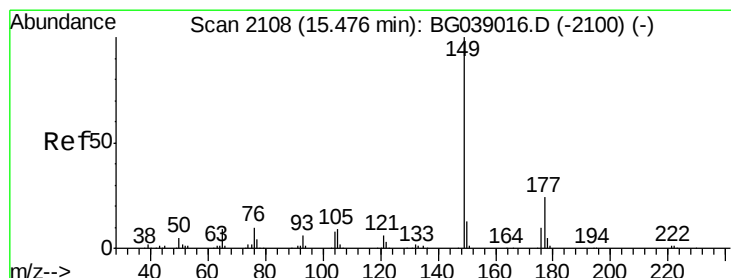
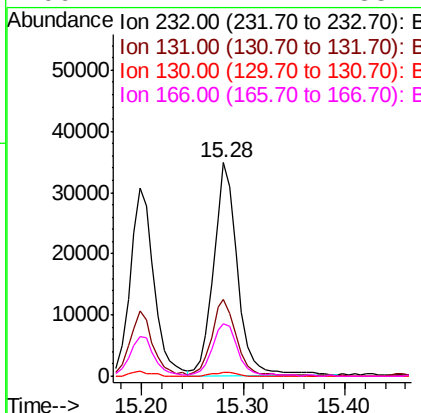
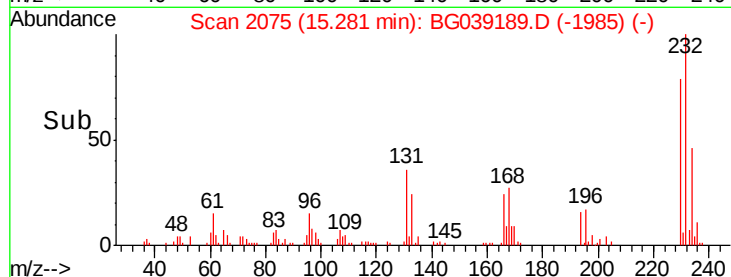
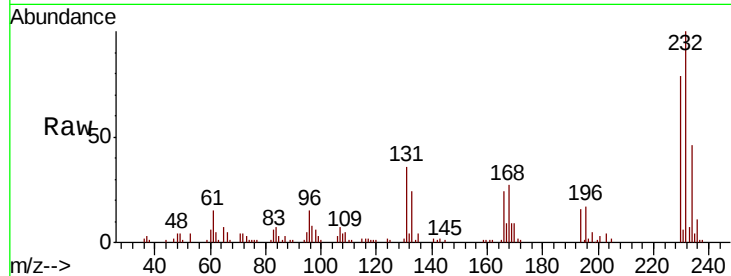
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.326 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.4	30.9	46.3
130	1.9	1.9	2.9
166	27.4	22.1	33.1

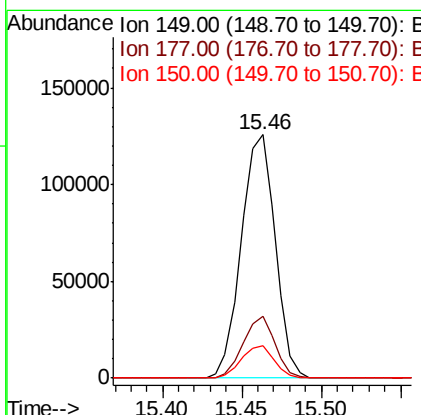
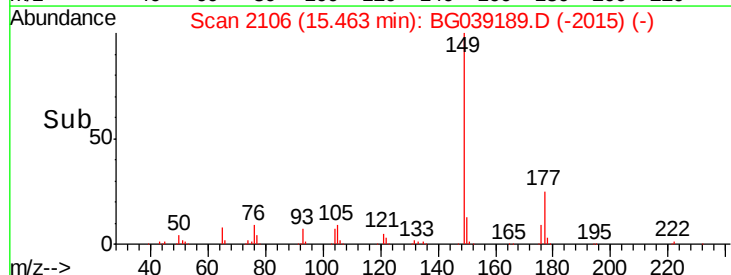
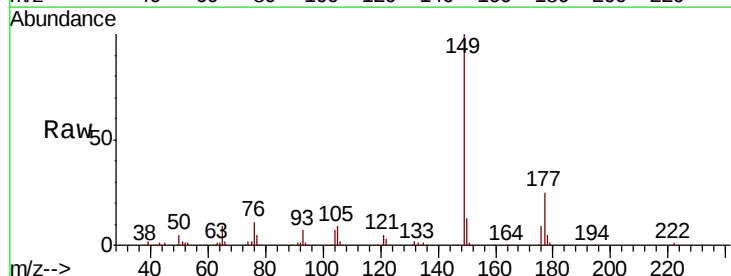
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#60
Diethylphthalate
Concen: 38.808 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	19.0	28.6
150	13.1	10.2	15.4





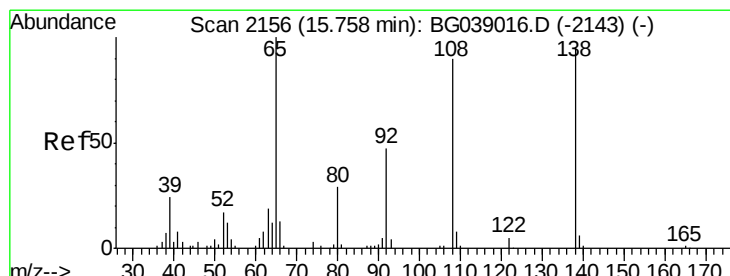
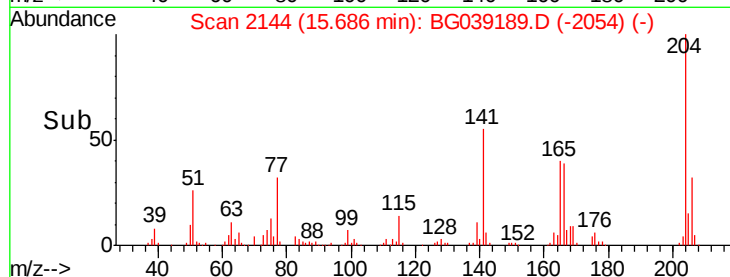
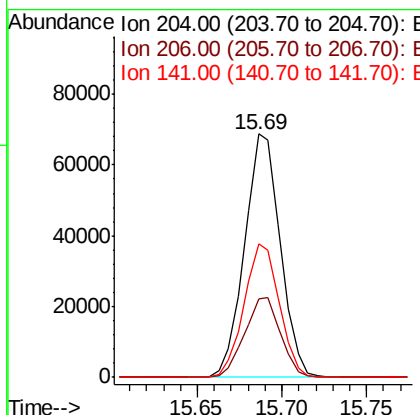
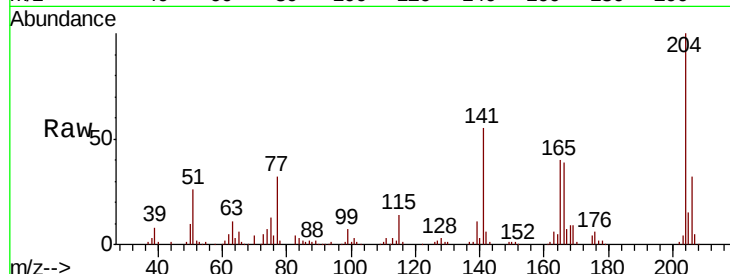
#61
4-Chlorophenyl-phenylether
Concen: 37.696 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	55.0	41.4	62.0

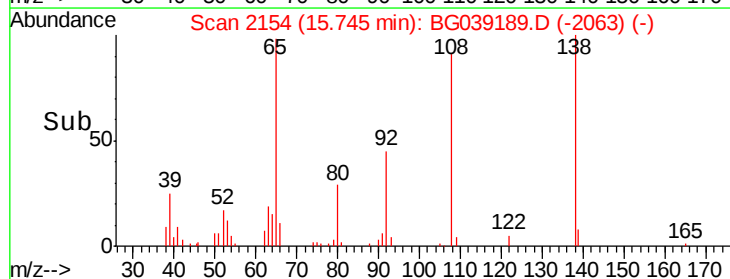
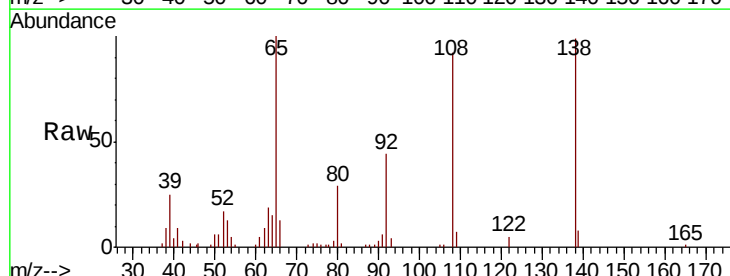
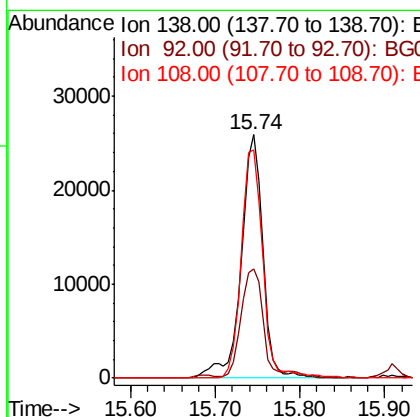
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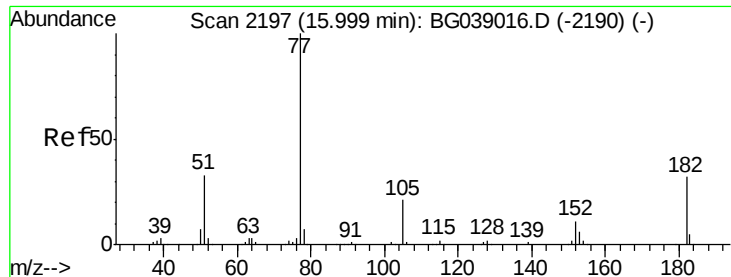
Sohil
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#62
4-Nitroaniline
Concen: 41.524 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	29.7	69.7
108	93.7	75.7	115.7





#63

Azobenzene

Concen: 38.744 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

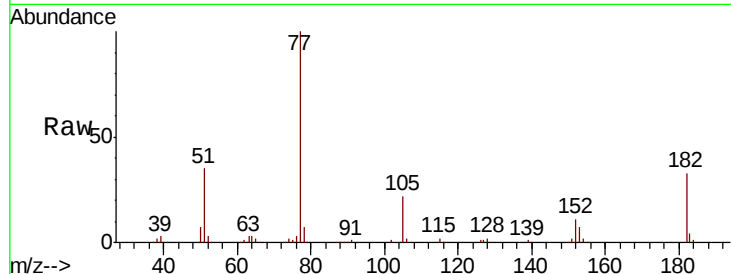
ClientSampleId :

PB116414BSD

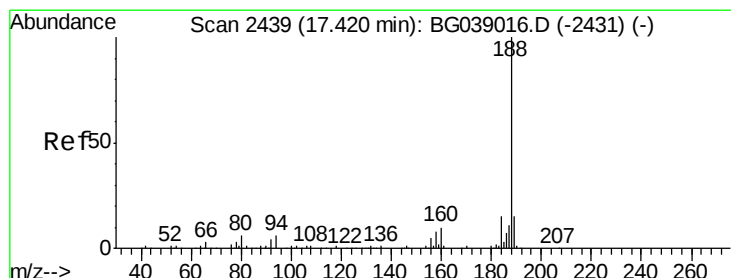
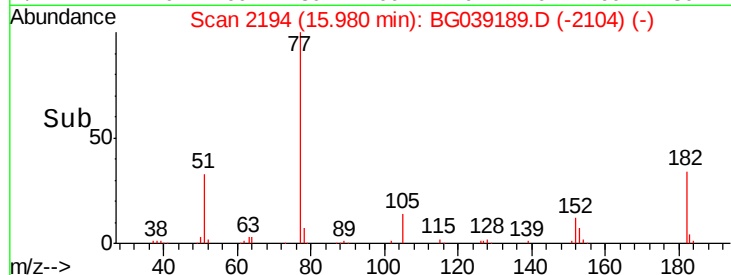
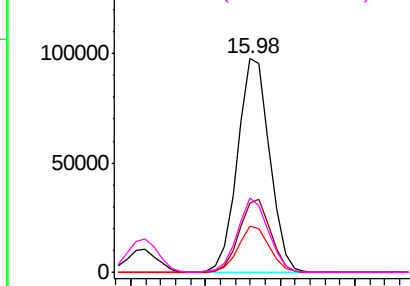
Tot Ion:	77	Resp:	145800
Ion Ratio	Lower	Upper	
77	100		
182	32.7	12.2	52.2
105	21.8	1.2	41.2
51	34.6	13.4	53.4

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

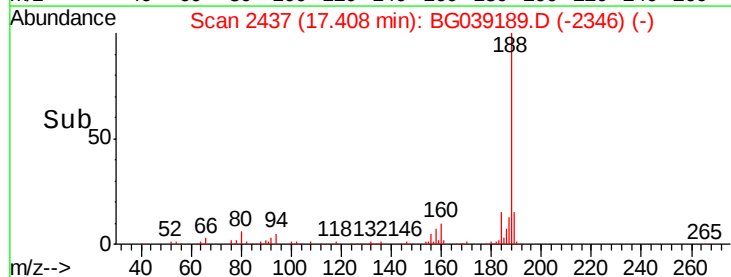
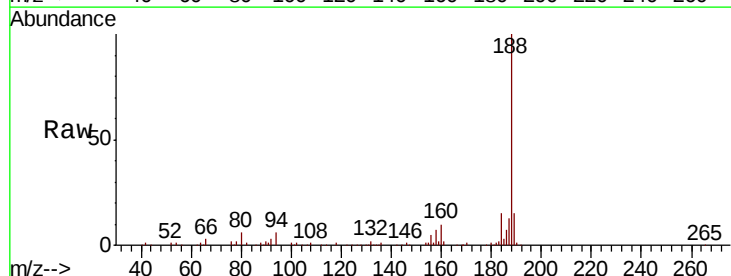
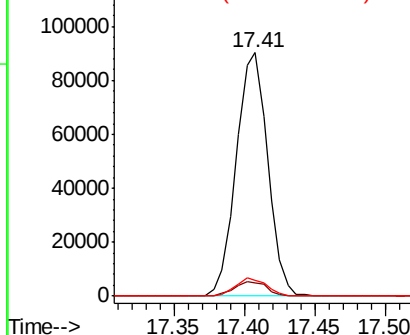
Delta R.T. 0.00 min

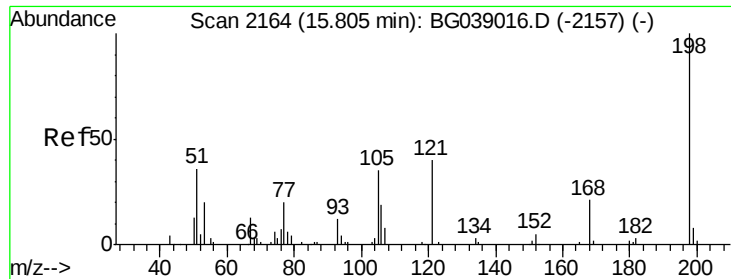
Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	188	Resp:	140430
Ion Ratio	Lower	Upper	
188	100		
94	5.5	5.0	7.4
80	6.5	4.7	7.1

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.636 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

ClientSampleId :

PB116414BSD

Tot Ion:198 Resp: 39156

Ion Ratio Lower Upper

198 100

51 39.7 20.8 60.8

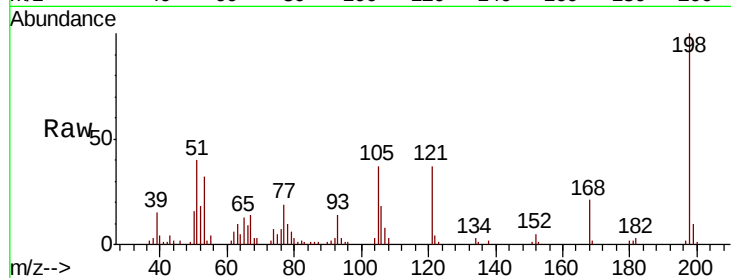
105 36.9 16.1 56.1

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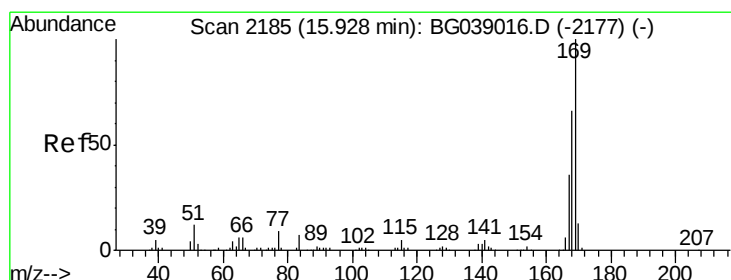
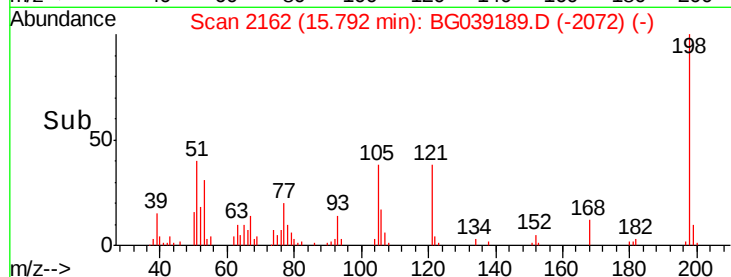
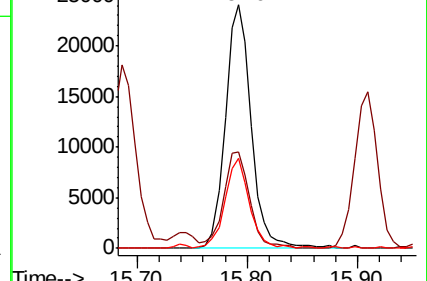
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.979 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

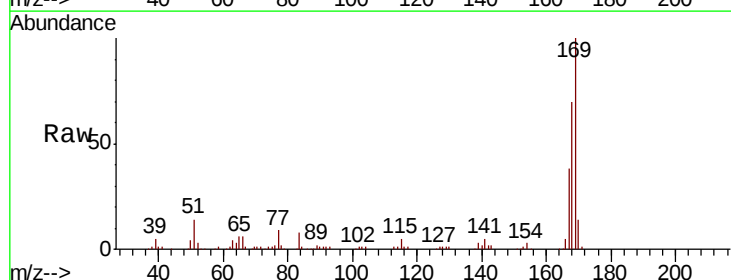
Tgt Ion:169 Resp: 162272

Ion Ratio Lower Upper

169 100

168 69.8 53.2 79.8

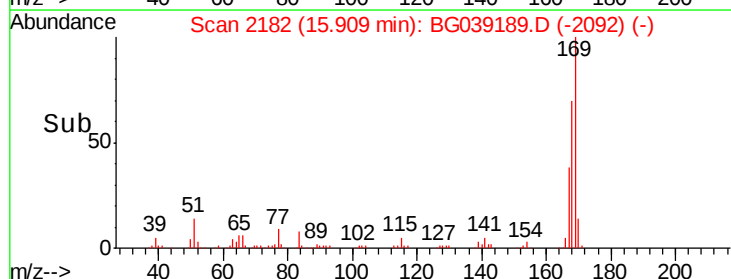
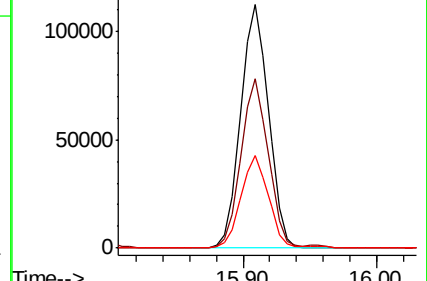
167 38.1 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





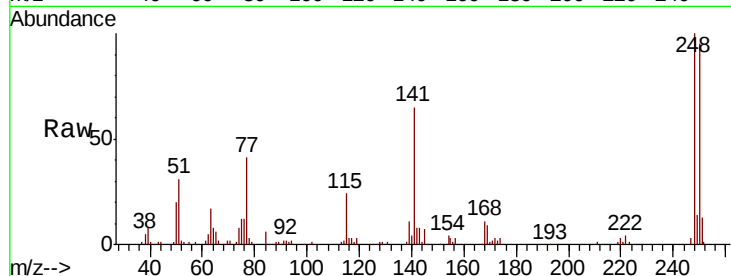
#67
4-Bromophenyl-phenylether
Concen: 37.836 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.9	119.9
141	64.9	52.7	79.1

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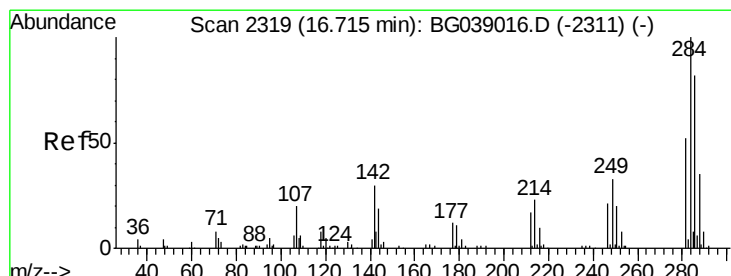
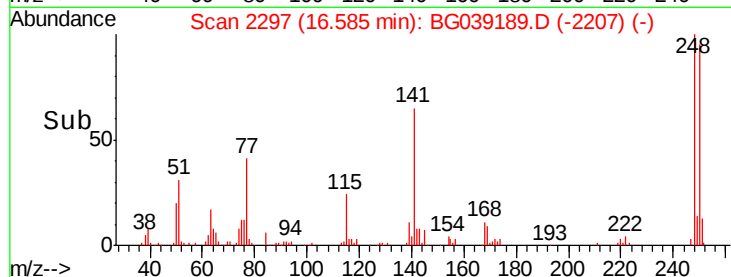
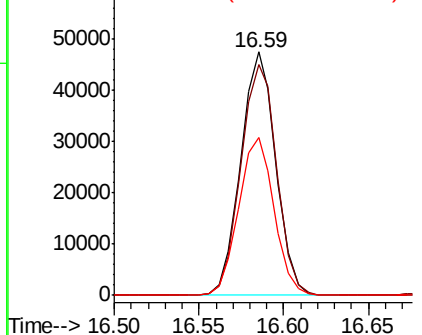


Abundance

Ion 248.00 (247.70 to 248.70): E

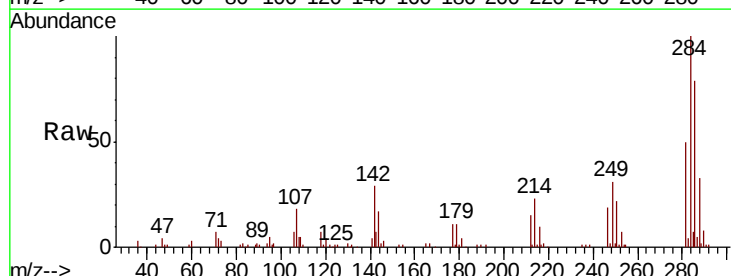
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.864 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	24.3	36.5
249	33.8	27.8	41.8

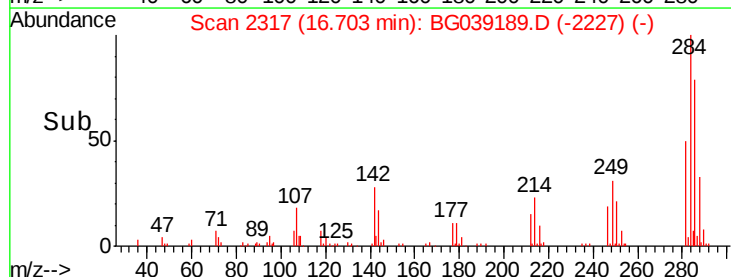
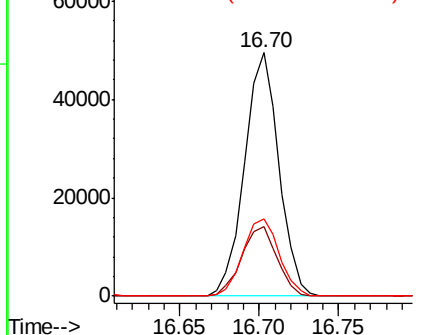


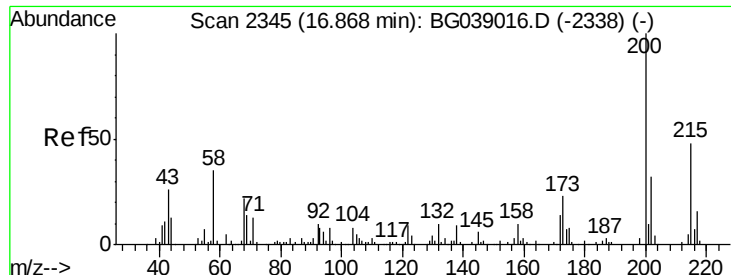
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





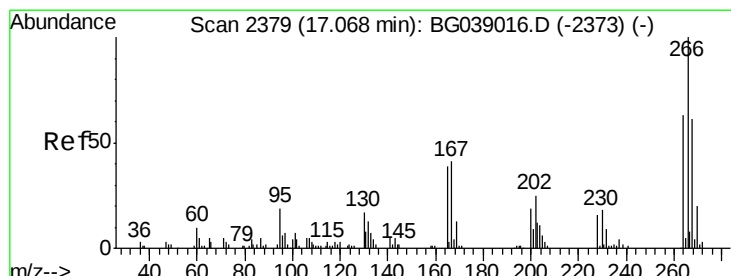
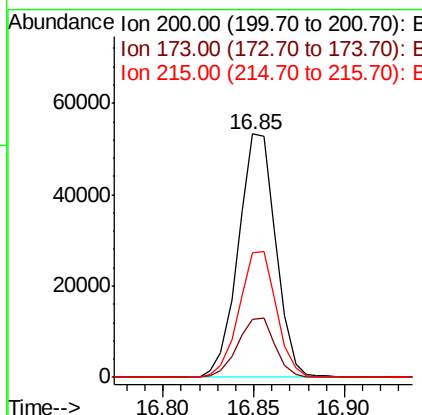
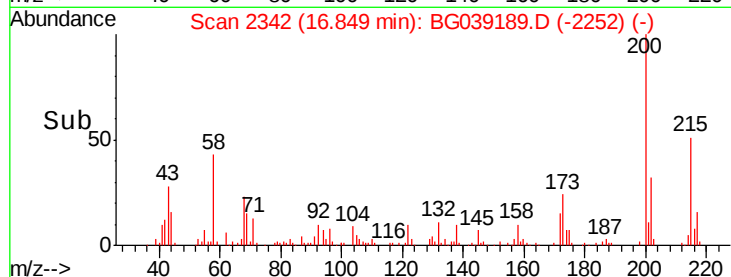
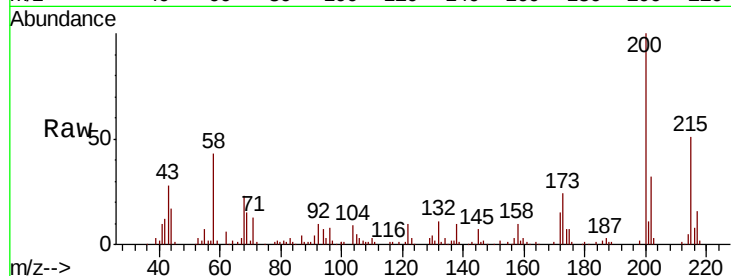
#69
Atrazine
Concen: 43.091 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.6	42.6
215	51.0	28.0	68.0

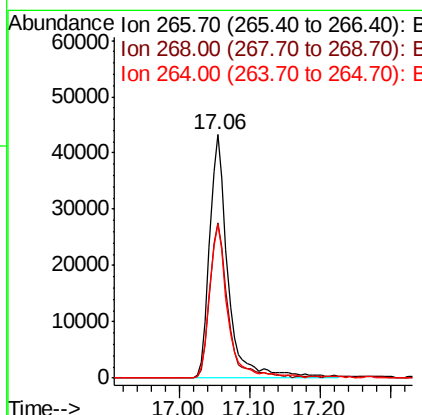
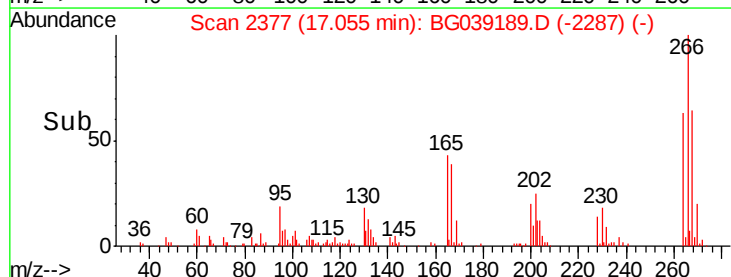
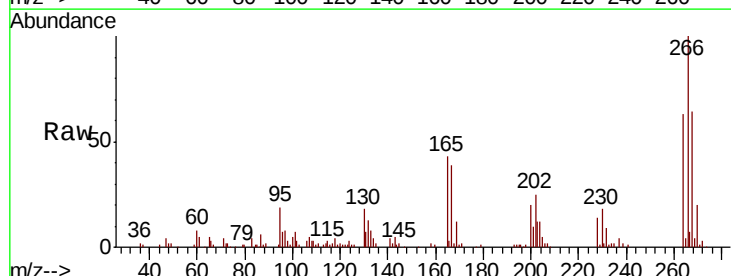
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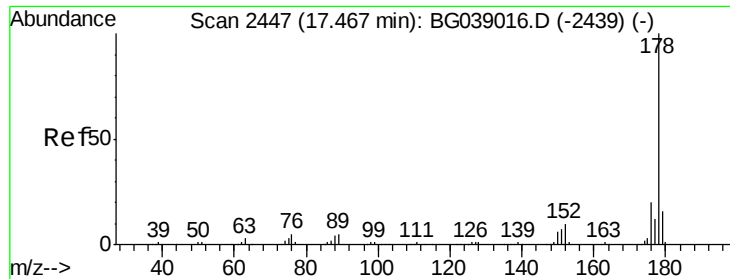
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#70
Pentachlorophenol
Concen: 66.033 ng
RT: 17.06 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.4	52.0	78.0
264	63.3	54.6	81.8





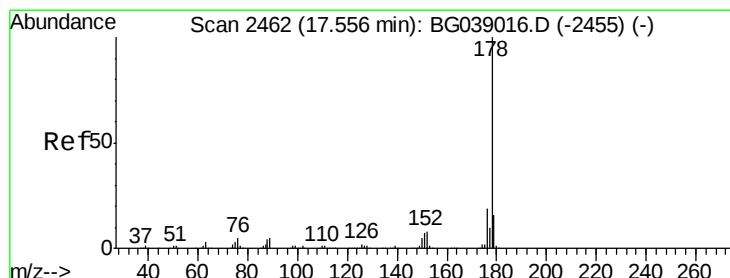
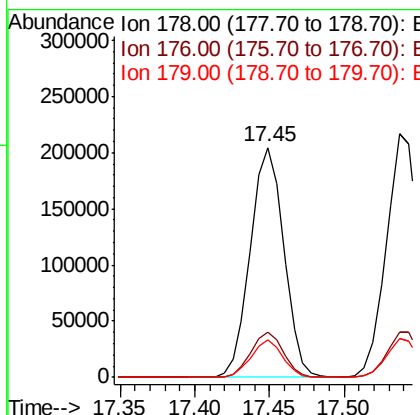
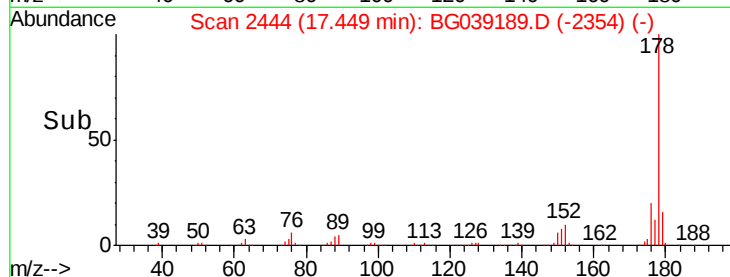
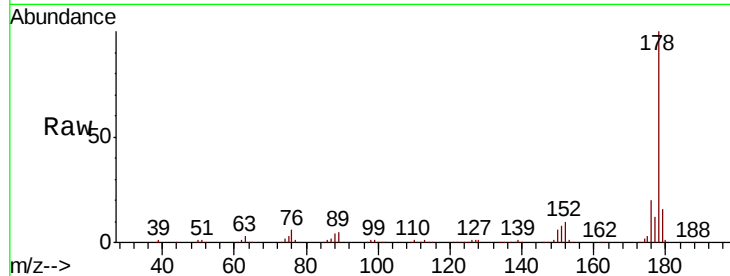
#71
Phenanthrene
Concen: 42.666 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.3	12.9	19.3

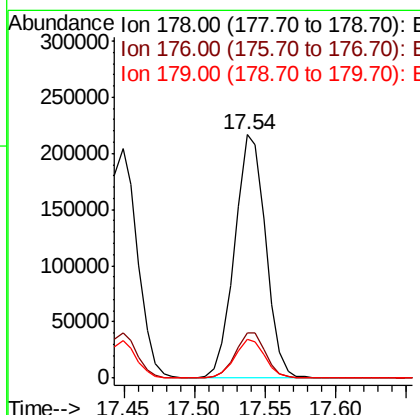
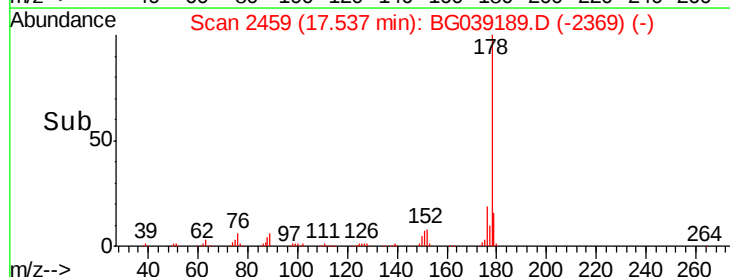
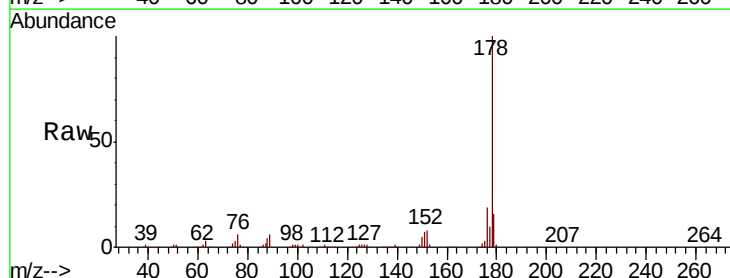
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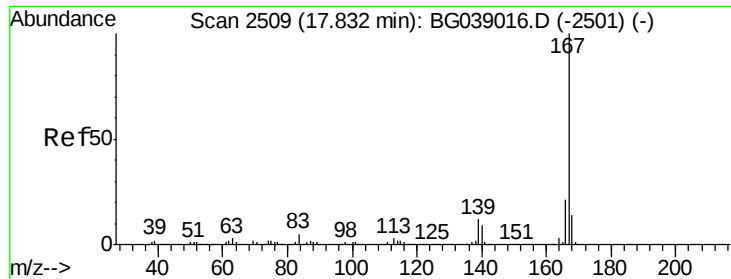
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#72
Anthracene
Concen: 45.118 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.0	13.0	19.4





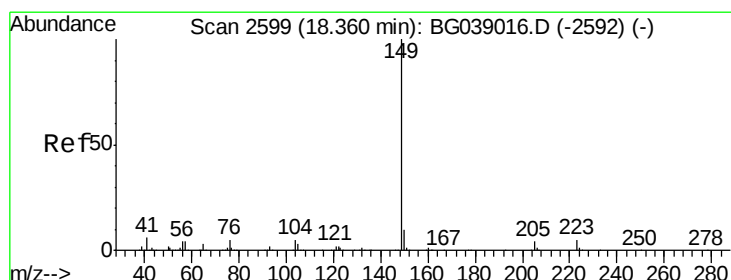
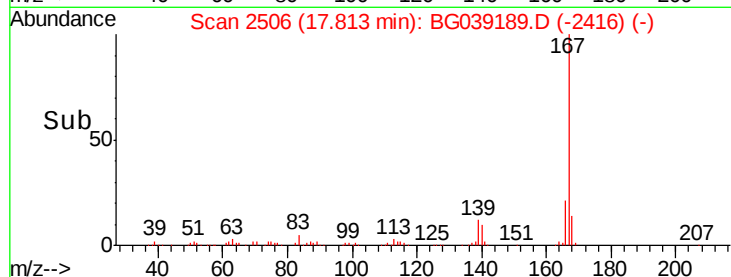
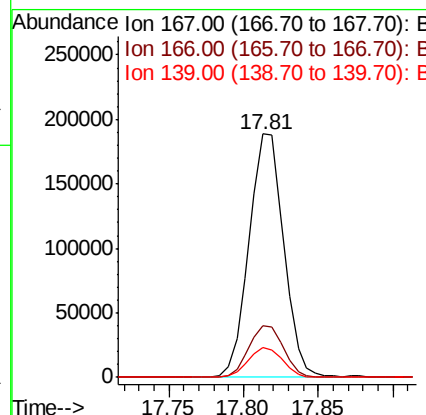
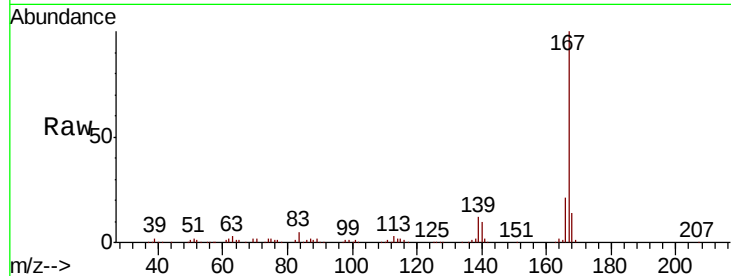
#73
 Carbazole
 Concen: 41.788 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Instrument :
 BNA_G
 ClientSampleID :
 PB116414BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.3	10.0	15.0

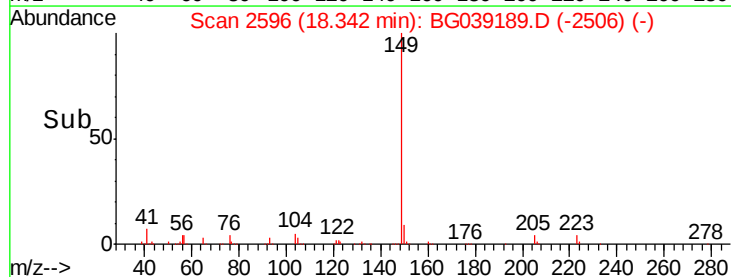
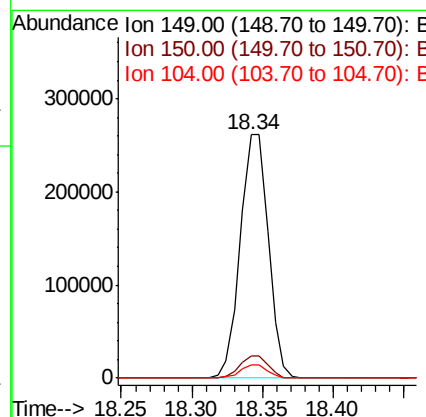
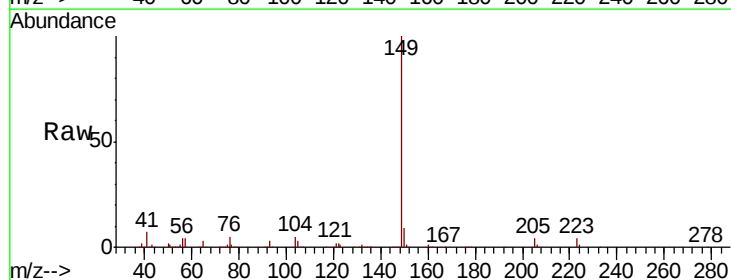
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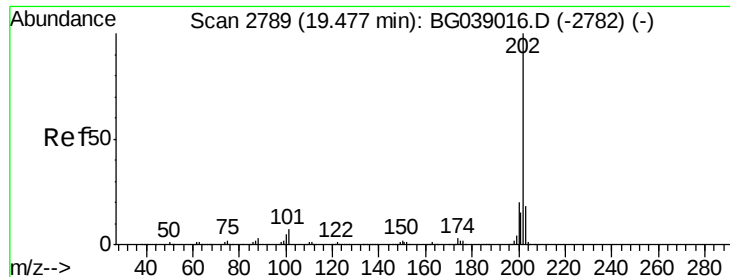
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#74
 Di-n-butylphthalate
 Concen: 45.221 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039189.D
 Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 47.725 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

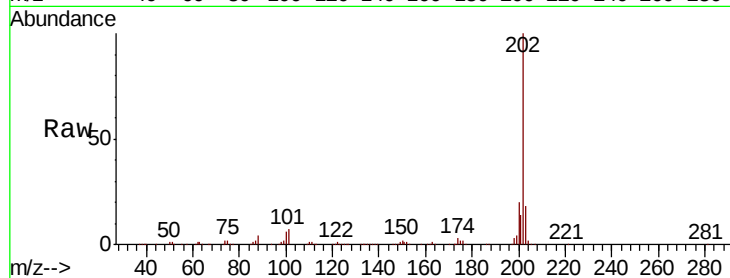
ClientSampleId :

PB116414BSD

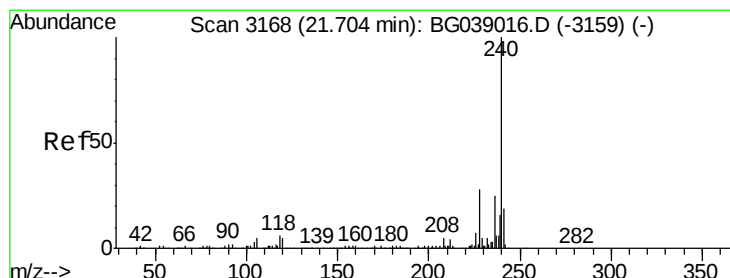
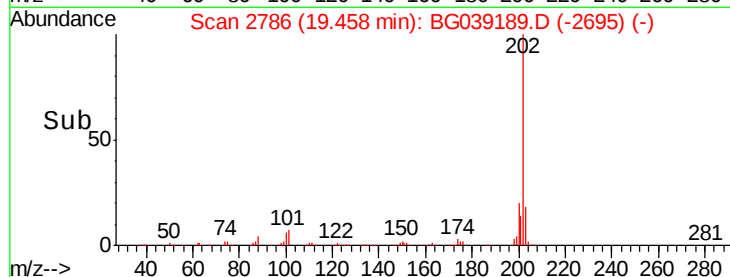
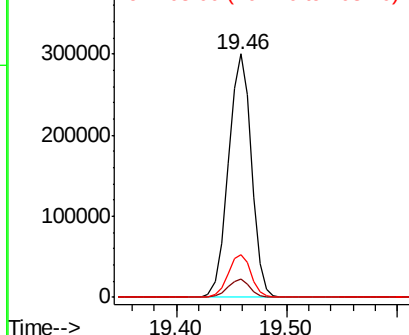
Tot Ion:	202	Resp:	439160
Ion Ratio		Lower	Upper
202	100		
101	7.4	0.0	26.9
203	17.6	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

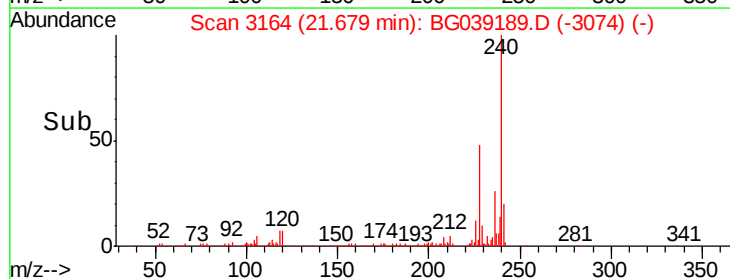
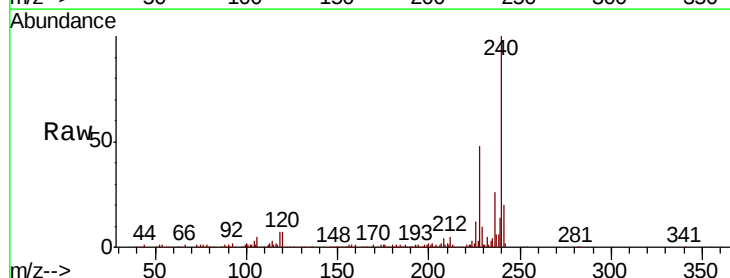
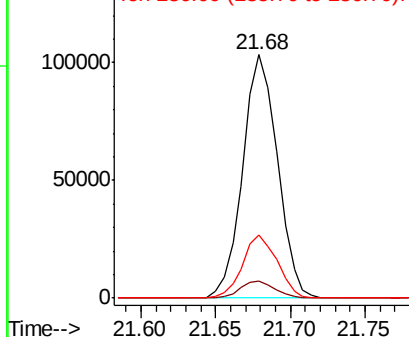
Delta R.T. -0.00 min

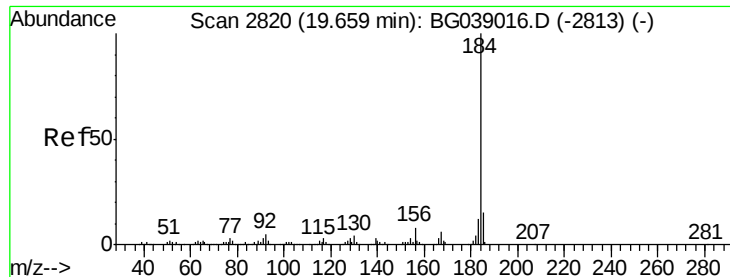
Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	240	Resp:	166378
Ion Ratio		Lower	Upper
240	100		
120	6.9	4.3	6.5#
236	26.1	20.1	30.1

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





#77

Benzidine

Concen: 31.012 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

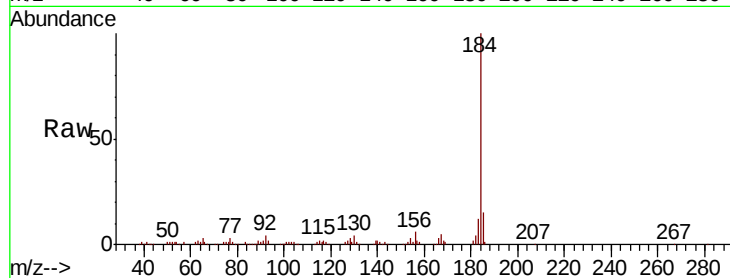
ClientSampled :

PB116414BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.1	18.1
183	11.8	9.5	14.3

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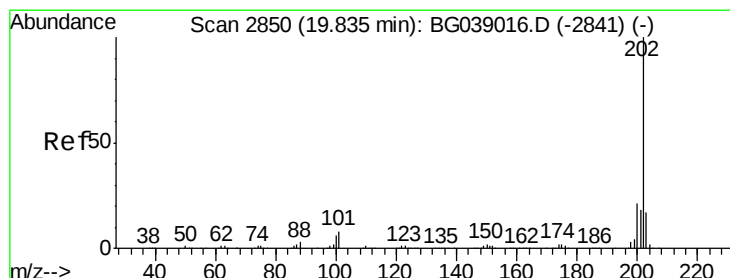
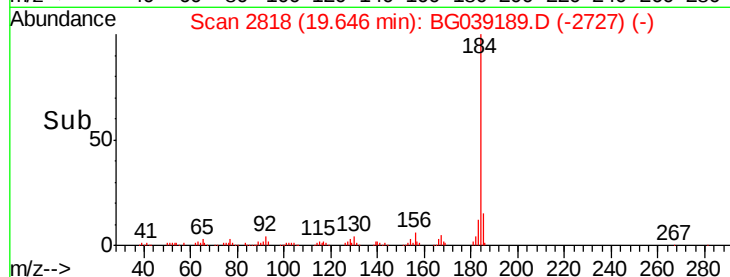
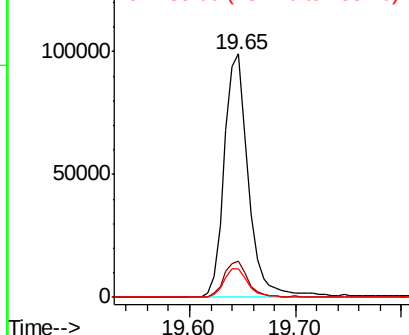


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.011 ng

RT: 19.82 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

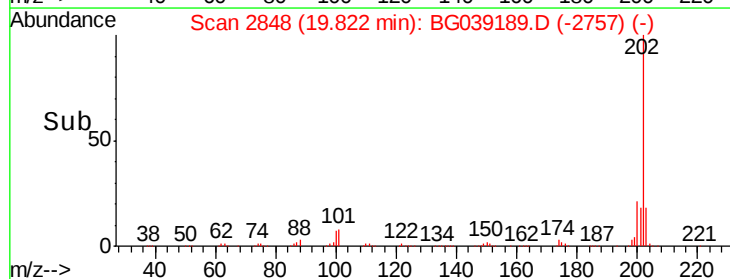
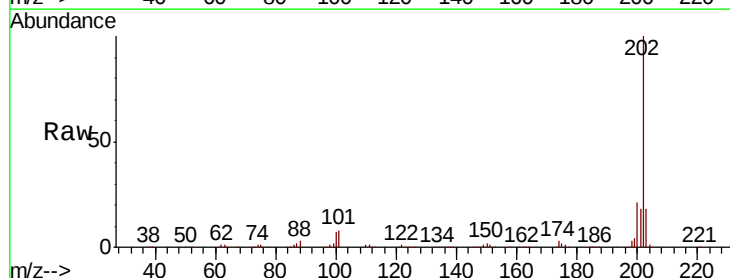
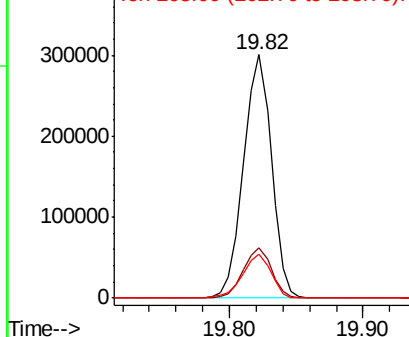
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	17.9	14.0	21.0

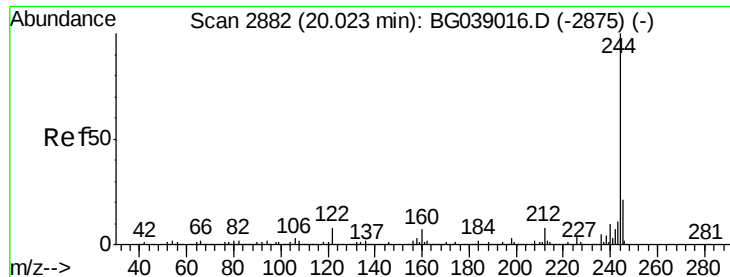
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.952 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

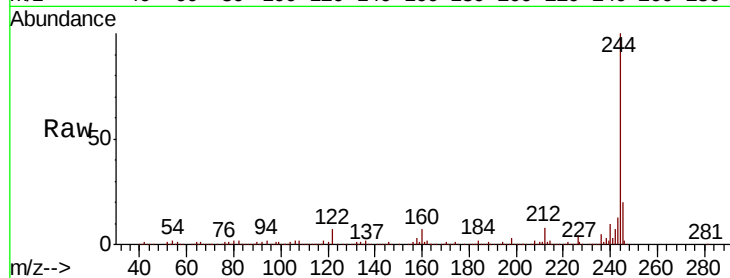
ClientSampleId :

PB116414BSD

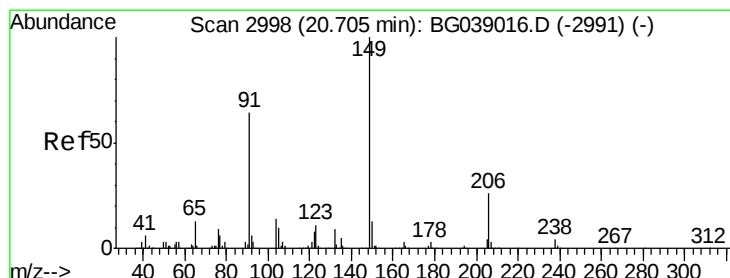
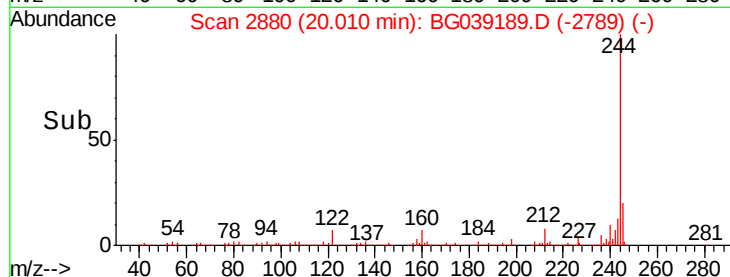
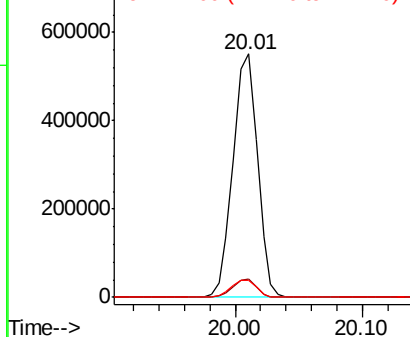
Tot Ion:	244	Resp:	737070
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	6.1	9.1

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



#80

Butylbenzylphthalate

Concen: 41.008 ng

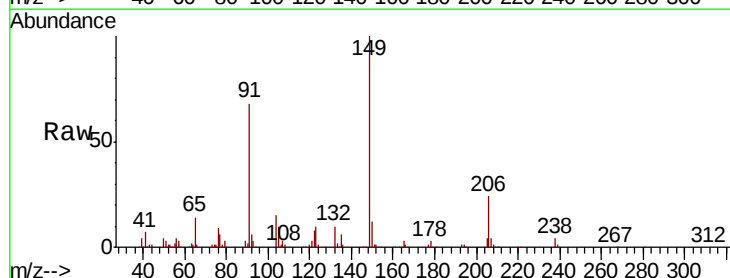
RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

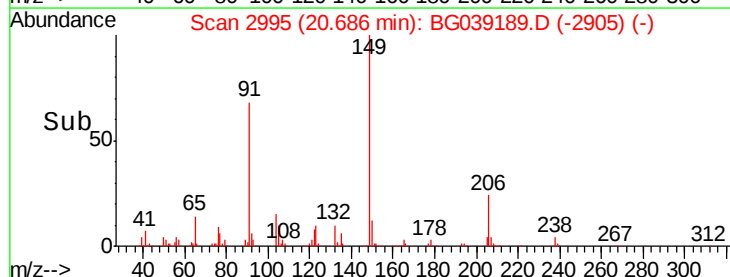
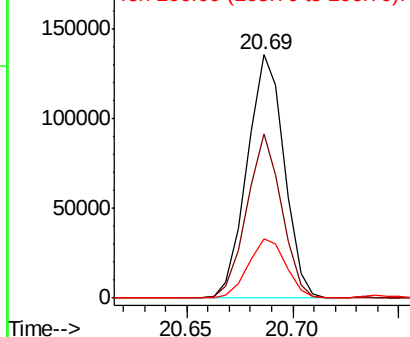
Lab File: BG039189.D

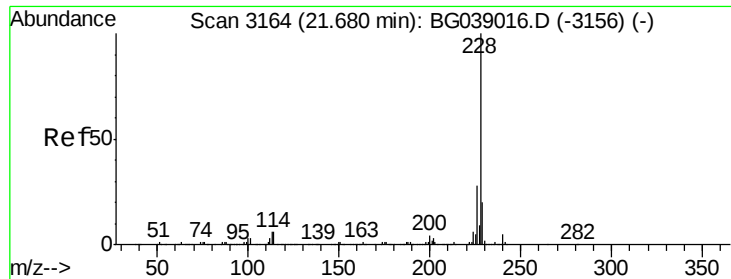
Acq: 17 Jan 2019 16:43

Tgt Ion:	149	Resp:	165373
Ion Ratio		Lower	Upper
149	100		
91	67.6	51.4	77.0
206	24.5	20.4	30.6



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





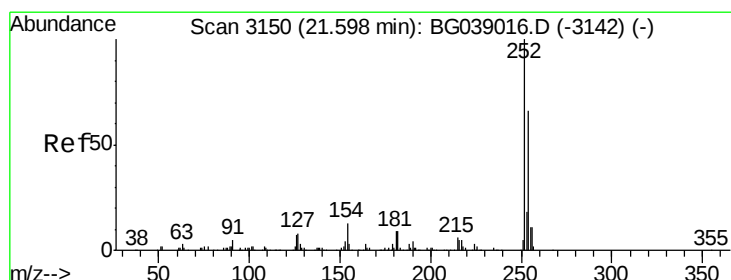
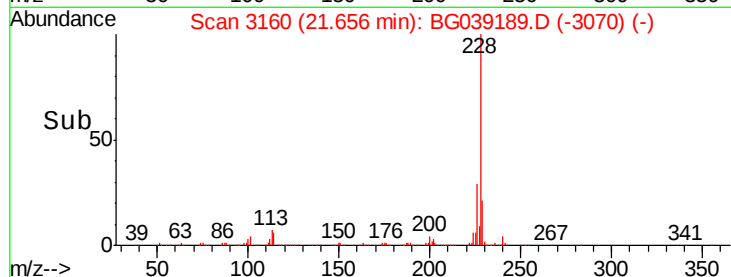
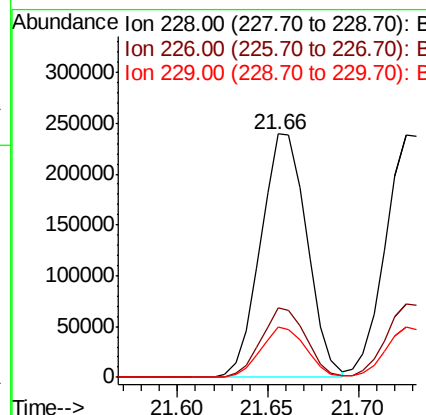
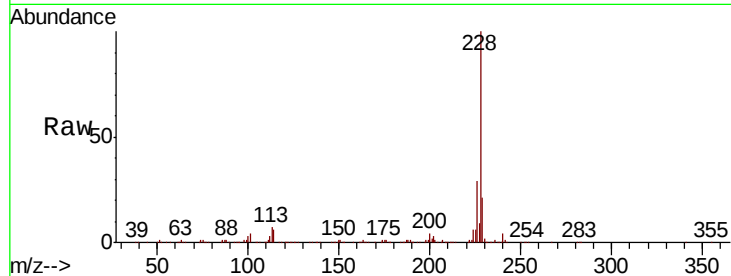
#81
Benzo(a)anthracene
Concen: 42.037 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.7	16.2	24.2

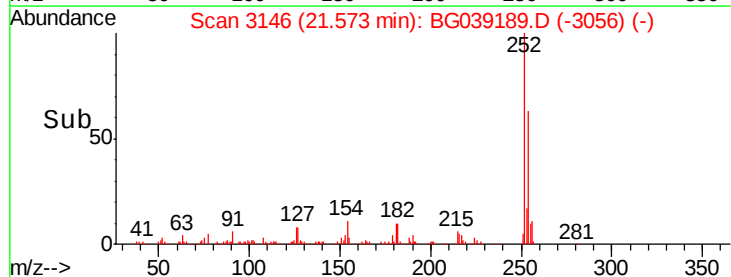
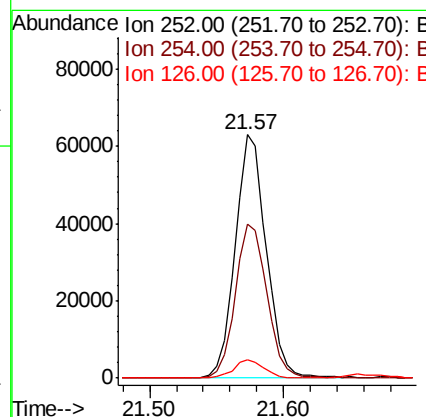
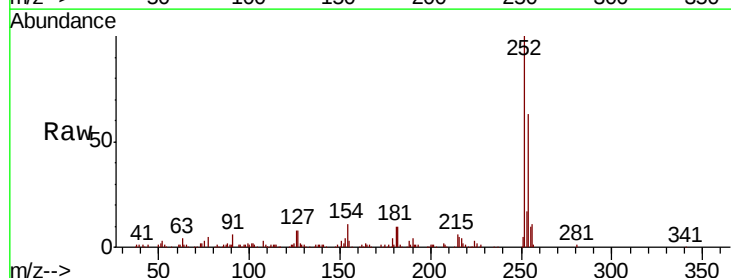
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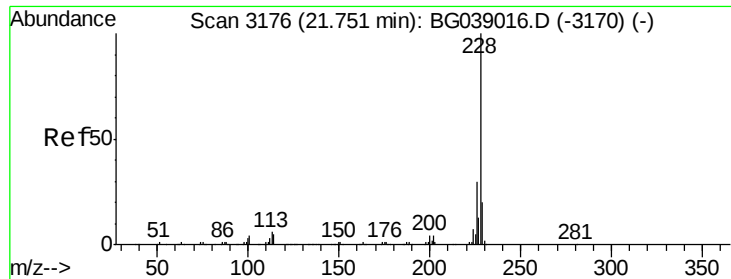
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#82
3,3'-Dichlorobenzidine
Concen: 24.675 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.6
126	7.8	6.0	9.0





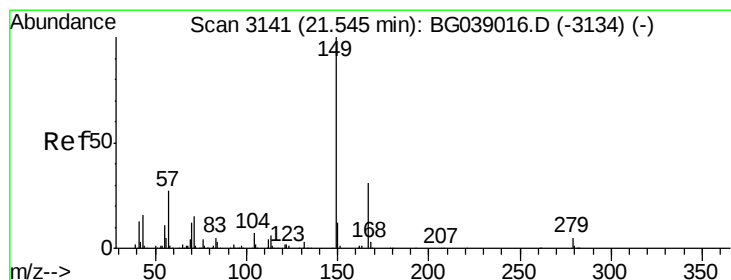
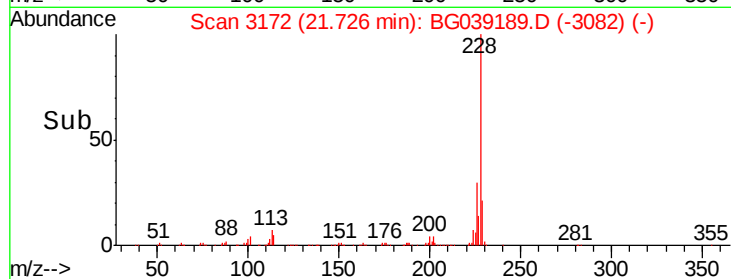
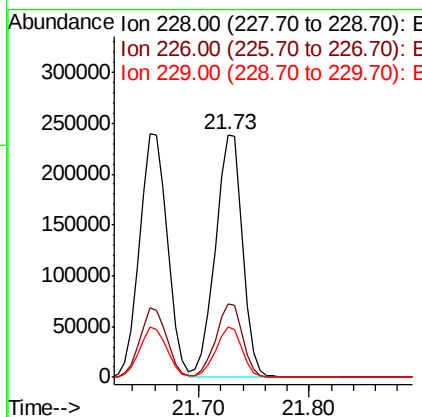
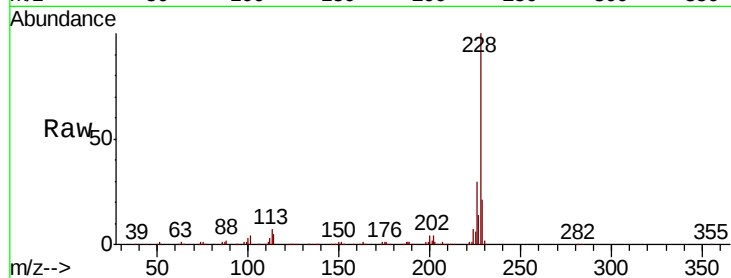
#83
Chrysene
Concen: 42.187 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.6	16.0	24.0

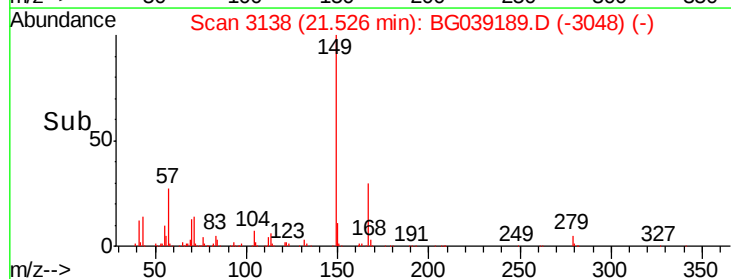
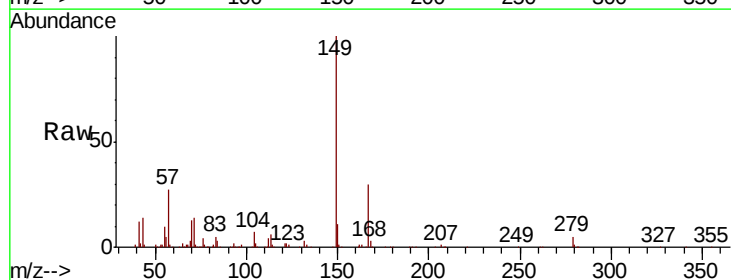
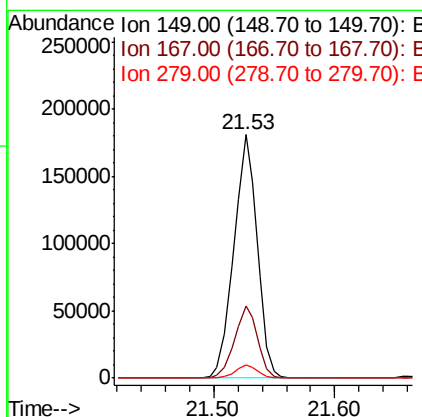
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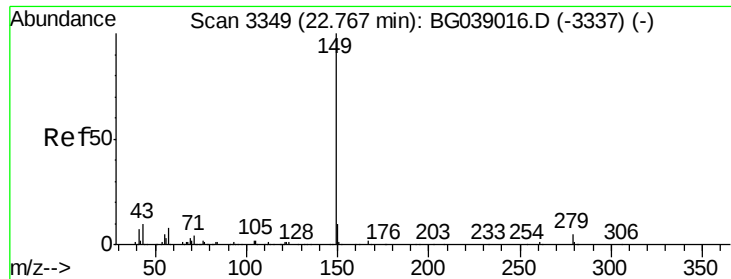
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.603 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.0	37.4
279	5.4	4.3	6.5





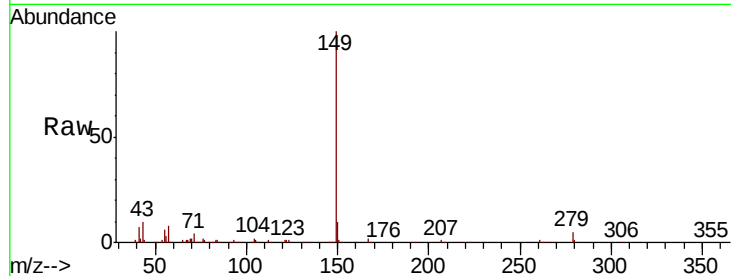
#85
Di-n-octyl phthalate
Concen: 41.849 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	396234		
167	1.7		1.3	1.9
43	9.6		7.5	11.3

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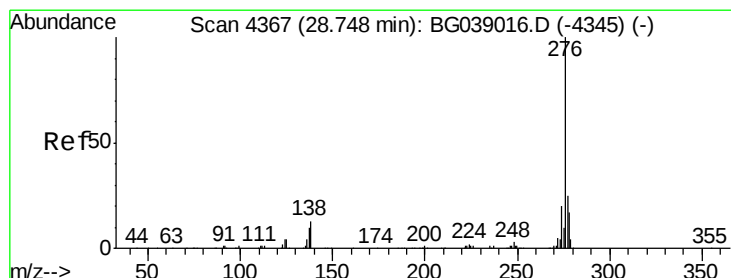
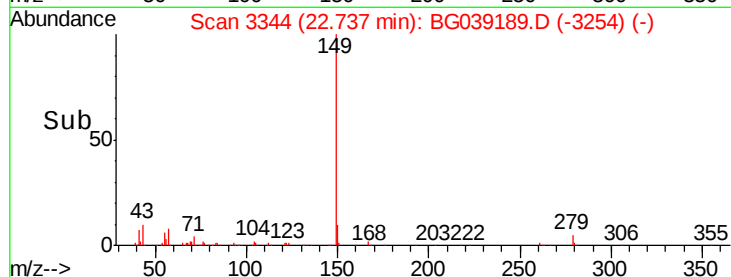
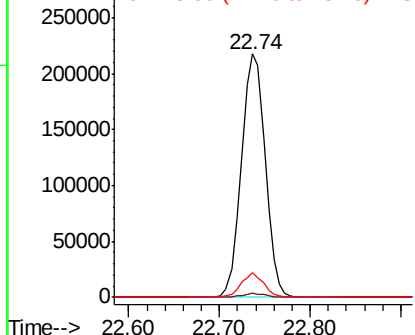


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.005 ng
RT: 28.69 min Scan# 4358
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

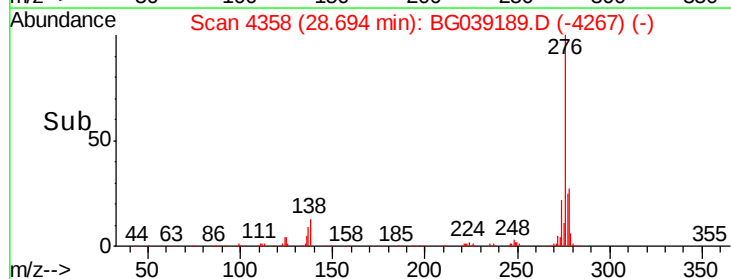
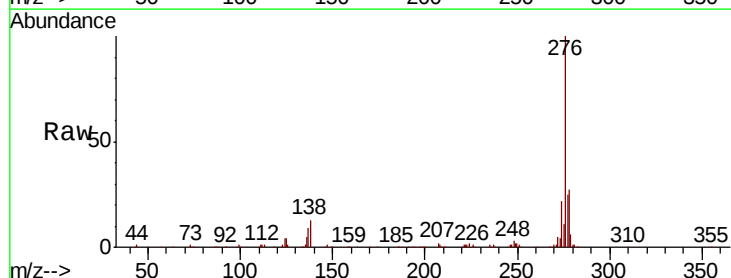
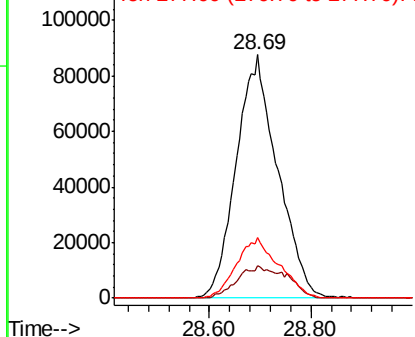
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	495005		
138	15.8		8.0	12.0#
277	25.3		20.3	30.5

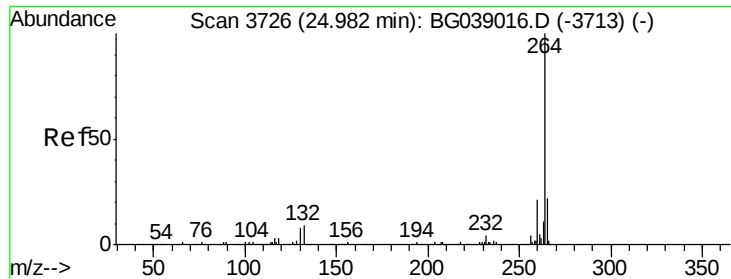
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Instrument :

BNA_G

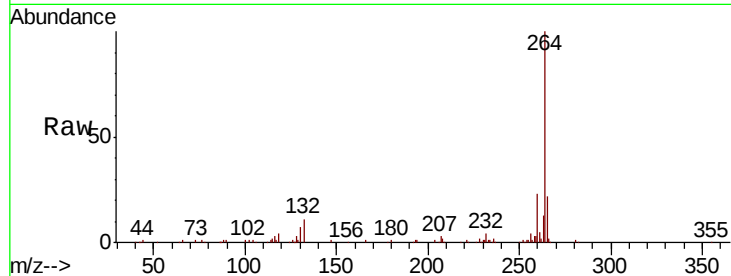
ClientSampleId :

PB116414BSD

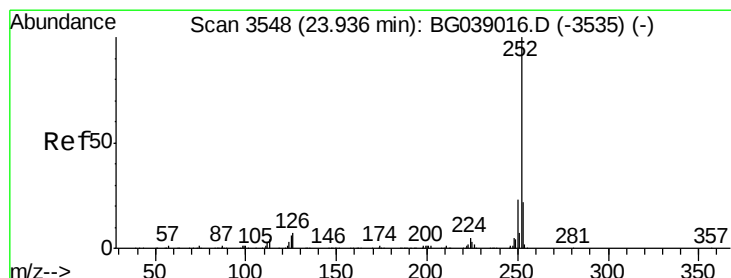
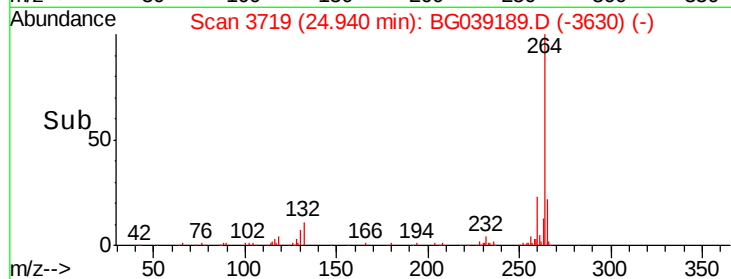
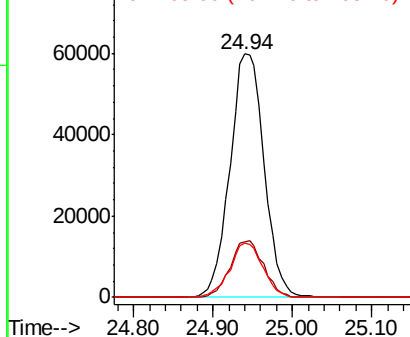
Tot Ion:	264	Resp:	178286
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.0	25.6
265	22.3	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 45.775 ng

RT: 23.90 min Scan# 3542

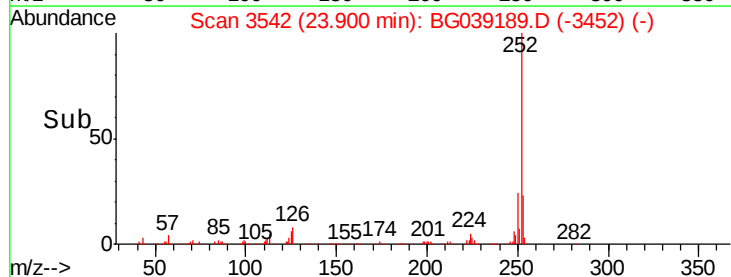
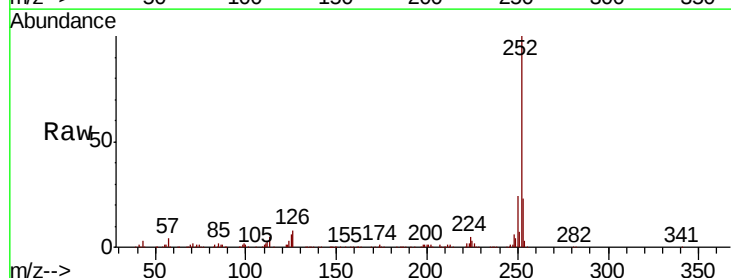
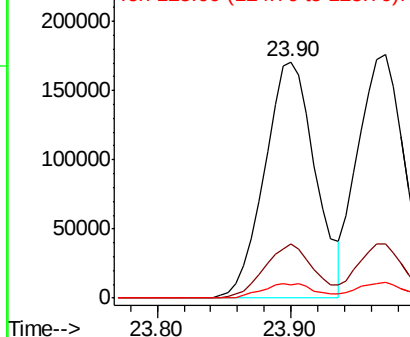
Delta R.T. -0.00 min

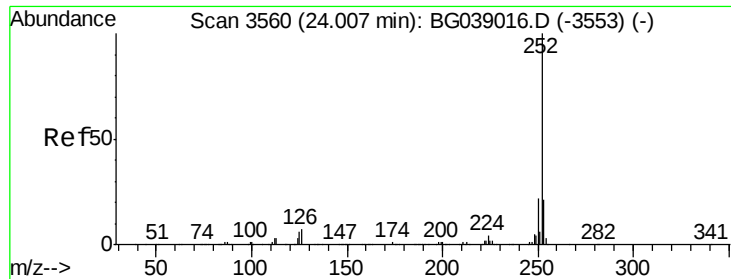
Lab File: BG039189.D

Acq: 17 Jan 2019 16:43

Tgt Ion:	252	Resp:	449995
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	5.6	4.9	7.3

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





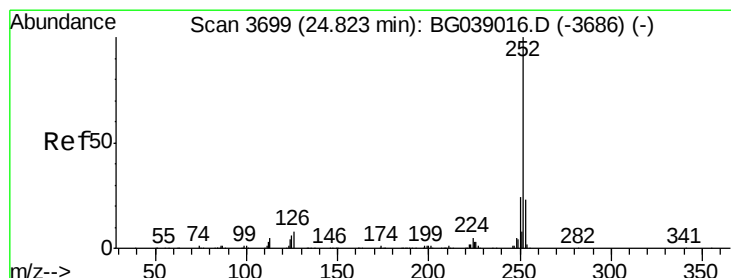
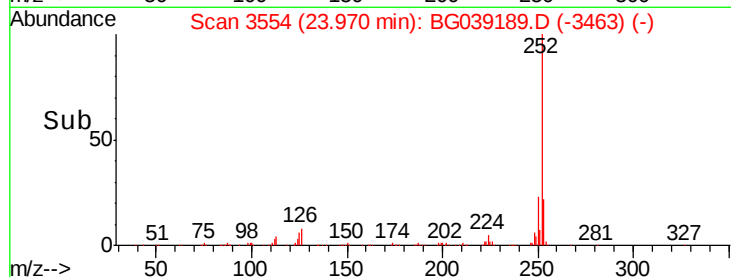
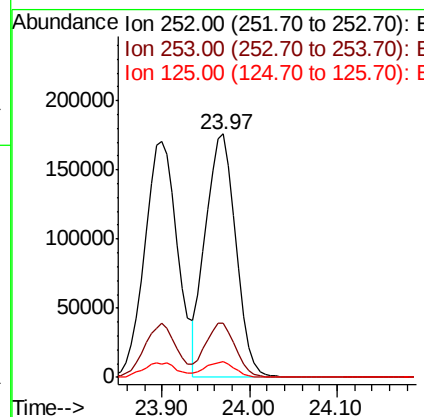
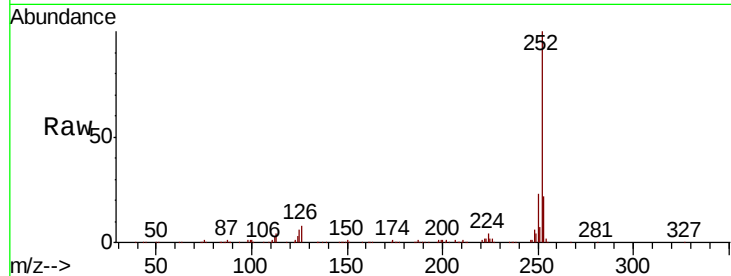
#89
Benzo(k)fluoranthene
Concen: 43.674 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	6.3	4.6	7.0

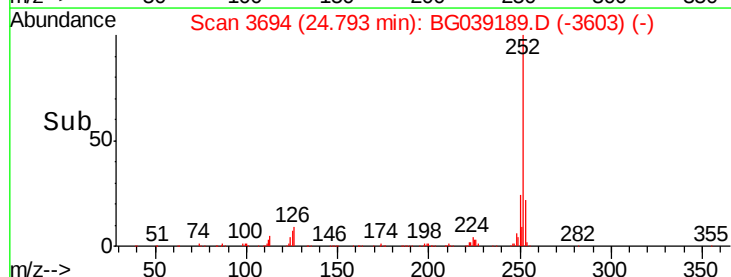
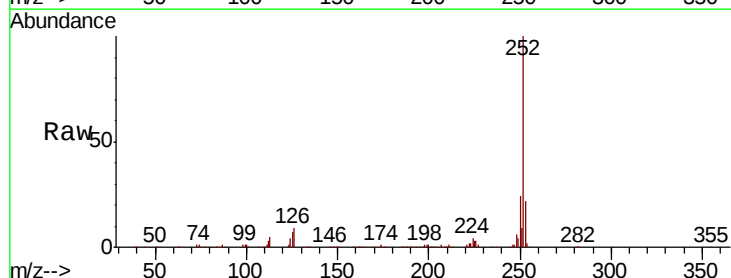
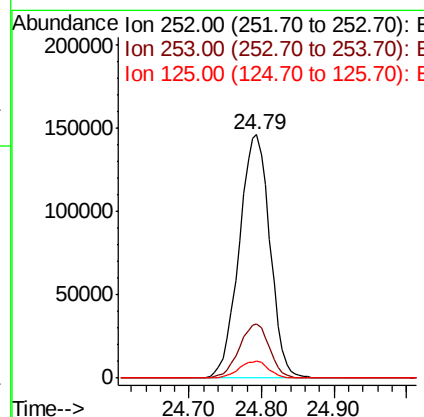
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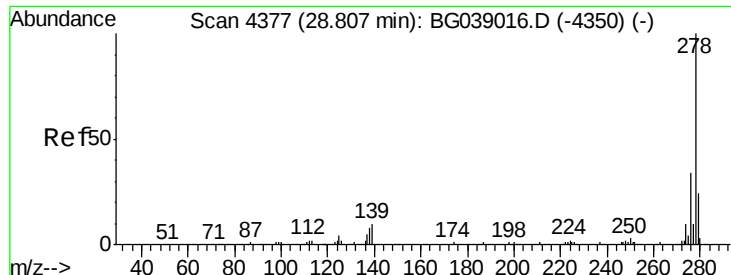
Sohil
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#90
Benzo(a)pyrene
Concen: 45.190 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.9	4.9	7.3





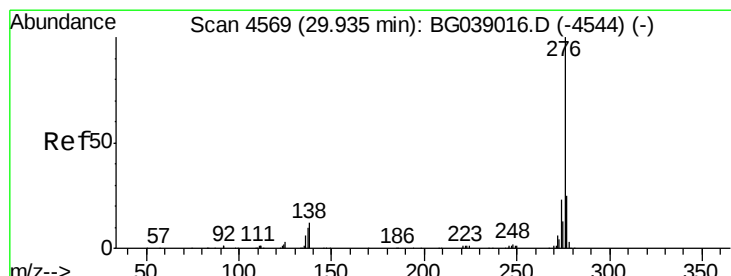
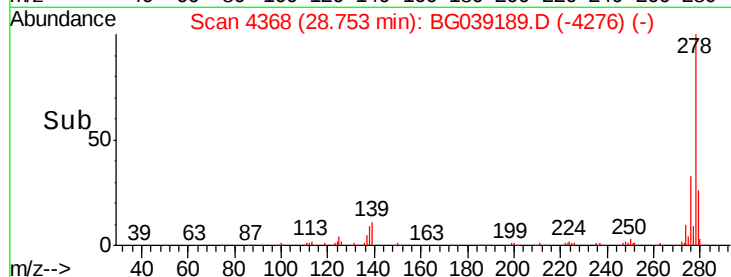
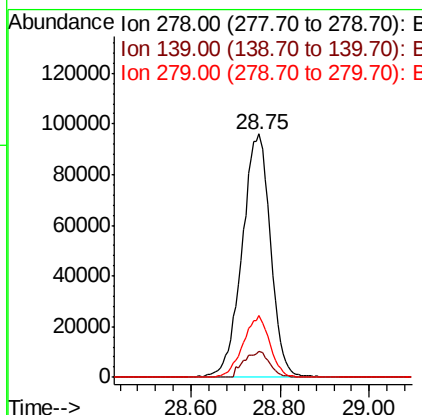
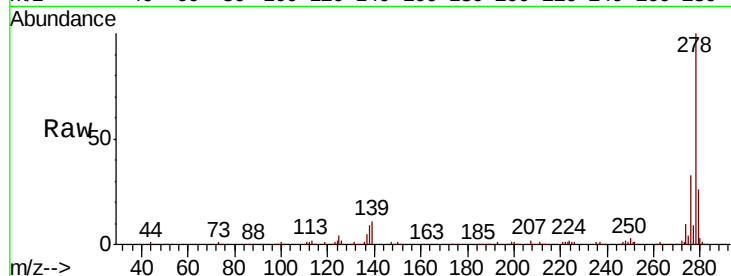
#91
Dibenzo(a,h)anthracene
Concen: 44.304 ng
RT: 28.75 min Scan# 4368
Delta R.T. 0.01 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.9	11.9
279	25.6	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/18/2019 11:24:03 AM



#92
Benzo(g,h,i)perylene
Concen: 43.712 ng
RT: 29.87 min Scan# 4558
Delta R.T. -0.00 min
Lab File: BG039189.D
Acq: 17 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.3	30.5
138	12.9	9.4	14.2

