

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039190.D
 Acq On : 17 Jan 2019 17:22
 Operator : JU/SJ
 Sample : PB116427BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:24:06 AM

Quant Time: Jan 18 04:38:37 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	20334	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	78129	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	55290	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	154288	20.00	ng	0.00
76) Chrysene-d12	21.68	240	171181	20.00	ng	0.00
87) Perylene-d12	24.95	264	182197	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	135405	126.32	ng	0.00
7) Phenol-d6	7.17	99	181524	117.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	98426	68.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	94976	102.48	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	291072	72.05	ng	0.00
79) Terphenyl-d14	20.01	244	606025	65.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	12423	29.595	ng	95
3) Pyridine	3.85	79	33655	29.507	ng	96
4) n-Nitrosodimethylamine	3.77	42	20475	39.892	ng	98
6) Aniline	7.34	93	39359	21.245	ng	96
8) 2-Chlorophenol	7.57	128	42407	33.561	ng	96
9) Benzaldehyde	7.16	77	18081	20.324	ng	98
10) Phenol	7.20	94	61118	39.518	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36280	30.692	ng	98
12) 1,3-Dichlorobenzene	7.90	146	45538	30.080	ng	98
13) 1,4-Dichlorobenzene	8.05	146	46836	30.547	ng	98
14) 1,2-Dichlorobenzene	8.37	146	53611	36.673	ng	98
15) Benzyl Alcohol	8.26	79	44798	38.562	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87050	38.405	ng	99
17) 2-Methylphenol	8.46	107	43687	40.680	ng	97
18) Hexachloroethane	9.09	117	17720	34.019	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	36481	36.013	ng	93
20) 3+4-Methylphenols	8.78	107	61385	40.091	ng	92
22) Acetophenone	8.84	105	73948	36.243	ng	99
24) Nitrobenzene	9.24	77	45442	31.487	ng	95
25) Isophorone	9.75	82	84298	34.275	ng	100
26) 2-Nitrophenol	9.94	139	24662	31.593	ng	95
27) 2,4-Dimethylphenol	9.99	122	42441	38.645	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	50081	33.881	ng	98
29) 2,4-Dichlorophenol	10.48	162	48219	35.342	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	52279	31.891	ng	98
31) Naphthalene	10.88	128	133426	34.050	ng	99
32) Benzoic acid	10.17	122	11462m	23.077	ng	
33) 4-Chloroaniline	11.01	127	19188	10.944	ng	95
34) Hexachlorobutadiene	11.14	225	35992	31.908	ng	99
35) Caprolactam	11.77	113	16045m	29.327	ng	
36) 4-Chloro-3-methylphenol	12.12	107	52809	36.189	ng	91
37) 2-Methylnaphthalene	12.49	142	108086	36.791	ng	99
38) 1-Methylnaphthalene	12.70	142	102219	36.249	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	68705	33.088	ng	99

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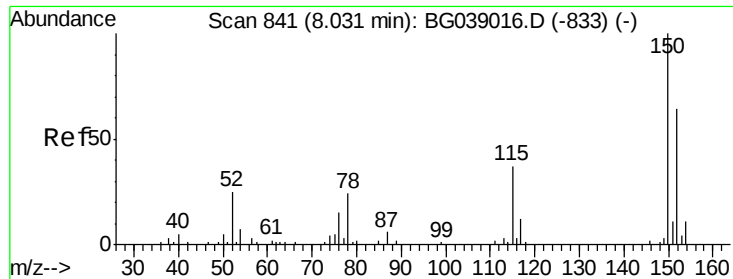
Manual Integrations
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 1/18/2019 11:24:06 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	76812	66.707	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	46352	35.468	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	48278	34.952	ng	97
46) 1,1'-Biphenyl	13.48	154	144830	33.058	ng	96
47) 2-Chloronaphthalene	13.54	162	113185	31.926	ng	98
48) 2-Nitroaniline	13.75	65	31623	31.839	ng	96
49) Acenaphthylene	14.38	152	182042	34.162	ng	99
50) Dimethylphthalate	14.11	163	153976	32.955	ng	99
51) 2,6-Dinitrotoluene	14.24	165	34601	33.124	ng	96
52) Acenaphthene	14.72	154	102649	32.061	ng	95
53) 3-Nitroaniline	14.58	138	17447	16.464	ng	95
54) 2,4-Dinitrophenol	14.79	184	35998	59.145	ng	94
55) Dibenzofuran	15.05	168	178183	31.512	ng	98
56) 4-Nitrophenol	14.89	139	51859	68.015	ng	97
57) 2,4-Dinitrotoluene	15.03	165	48416	32.306	ng	96
58) Fluorene	15.71	166	146794	34.489	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.28	232	44662	34.254	ng	98
60) Diethylphthalate	15.46	149	152441	31.667	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	83513	31.144	ng	97
62) 4-Nitroaniline	15.74	138	36288	32.872	ng	96
63) Azobenzene	15.98	77	117729	31.273	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	32421	28.363	ng	97
66) n-Nitrosodiphenylamine	15.91	169	133188	29.119	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	56634	28.555	ng	94
68) Hexachlorobenzene	16.70	284	60997	28.185	ng	95
69) Atrazine	16.85	200	59719	30.735	ng	95
70) Pentachlorophenol	17.06	266	73375	56.697	ng	97
71) Phenanthrene	17.45	178	276393	33.892	ng	98
72) Anthracene	17.54	178	287019	35.596	ng	100
73) Carbazole	17.81	167	251245	31.564	ng	99
74) Di-n-butylphthalate	18.34	149	304994	34.442	ng	98
75) Fluoranthene	19.46	202	364827	36.086	ng	100
77) Benzidine	19.64	184	85109	16.255	ng	99
78) Pyrene	19.82	202	365431	33.498	ng	99
80) Butylbenzylphthalate	20.69	149	135121	32.566	ng	99
81) Benzo(a)anthracene	21.66	228	363234	34.857	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	77929	18.354	ng	97
83) Chrysene	21.73	228	337980	34.102	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	196673	34.138	ng	95
85) Di-n-octyl phthalate	22.74	149	322086	33.063	ng	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	425445	35.925	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	407645	40.577	ng	99
89) Benzo(k)fluoranthene	23.97	252	405819	40.855	ng	96
90) Benzo(a)pyrene	24.79	252	367660	37.862	ng	97
91) Dibenzo(a,h)anthracene	28.74	278	353971	36.648	ng	99
92) Benzo(g,h,i)perylene	29.87	276	362537	37.914	ng	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: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

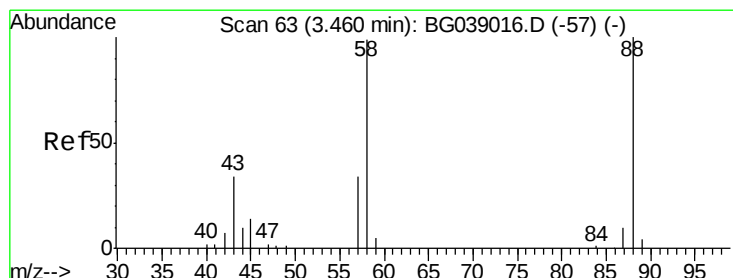
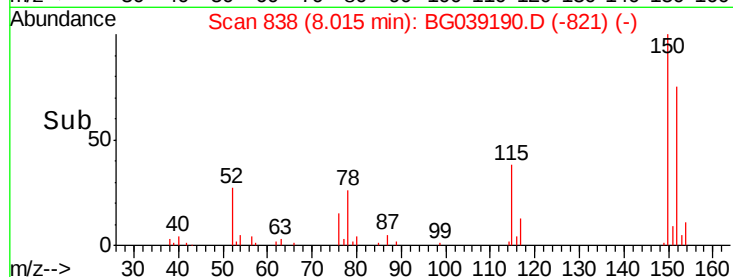
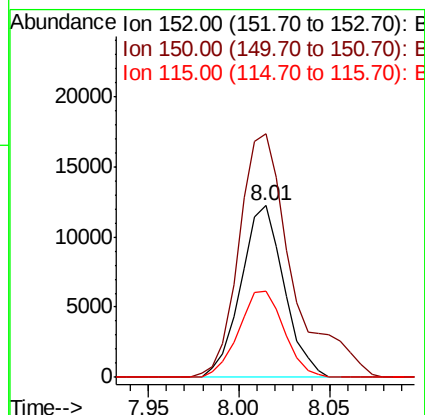
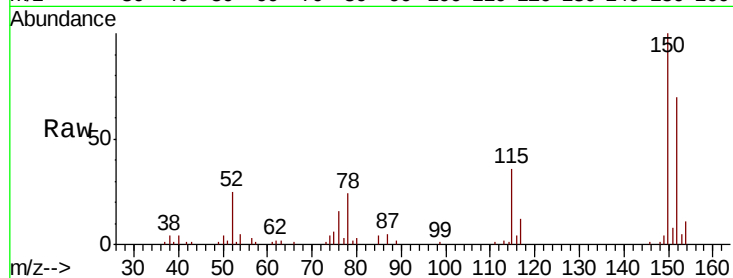
ClientSampleId :

PB116427BS

Tot Ion:	152	Resp:	20334
Ion	Ratio	Lower	Upper
152	100		
150	142.1	124.7	187.1
115	50.7	46.5	69.7

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#2

1,4-Dioxane

Concen: 29.595 ng

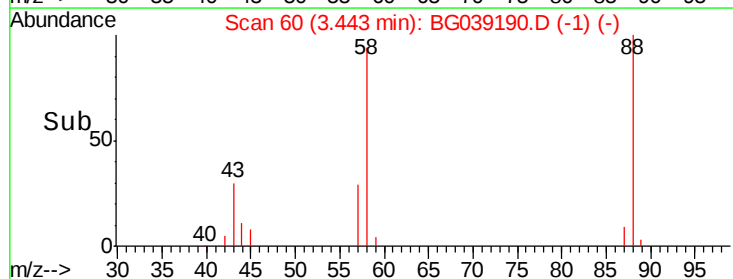
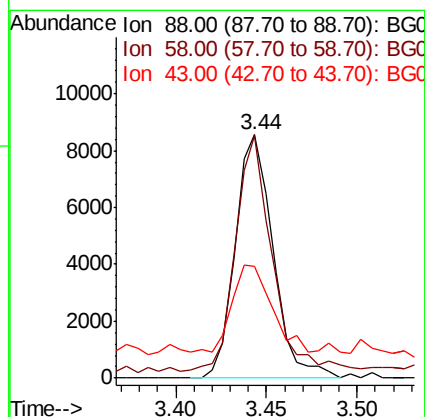
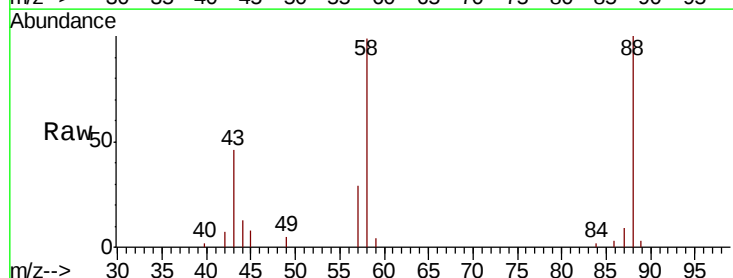
RT: 3.44 min Scan# 60

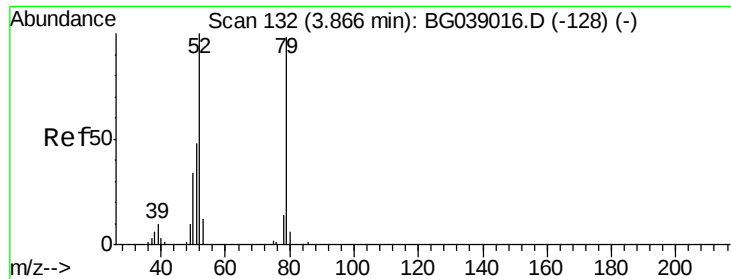
Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	88	Resp:	12423
Ion	Ratio	Lower	Upper
88	100		
58	93.9	72.4	108.6
43	39.5	27.6	41.4





#3

Pvridine

Concen: 29.507 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

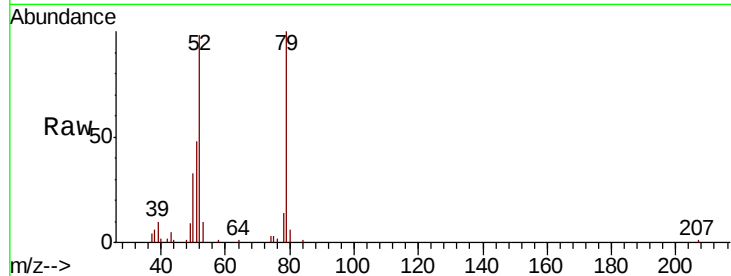
ClientSampleId :

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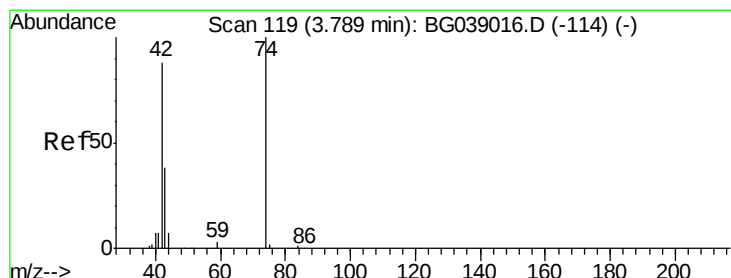
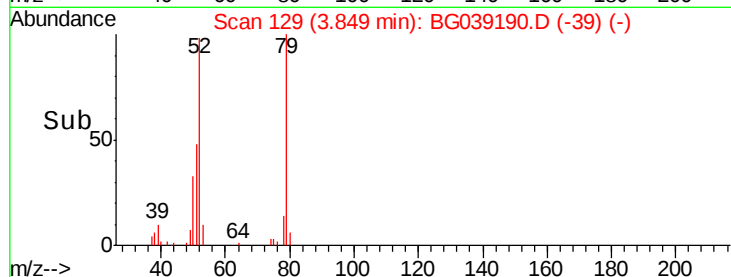
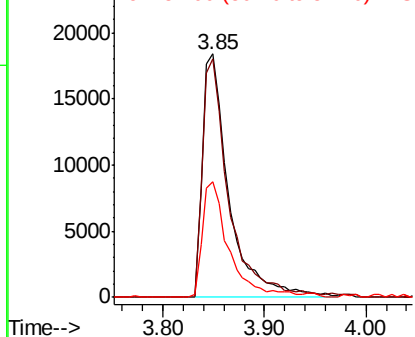
Tot Ion:	79	Resp:	33655
Ion	Ratio	Lower	Upper
79	100		
52	98.0	81.5	122.3
51	47.7	39.8	59.6

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.892 ng

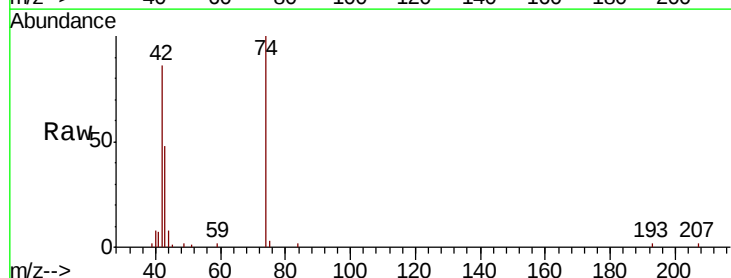
RT: 3.77 min Scan# 116

Delta R.T. -0.00 min

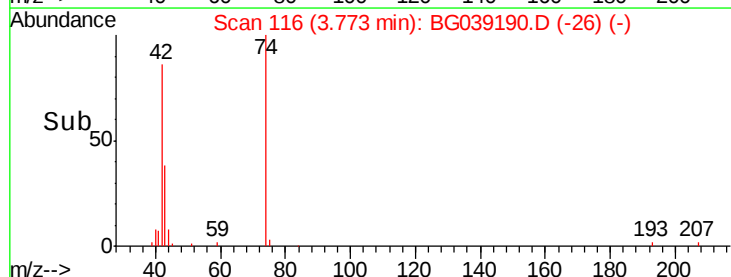
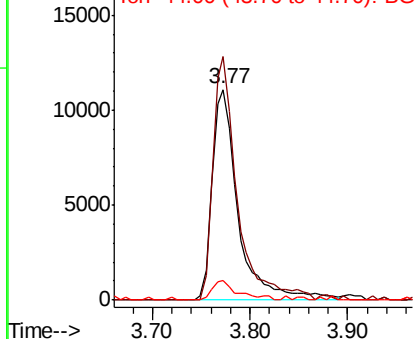
Lab File: BG039190.D

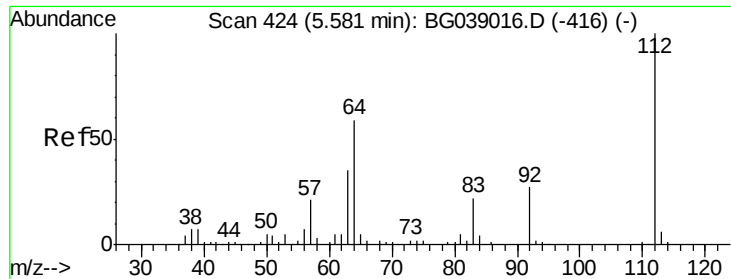
Acq: 17 Jan 2019 17:22

Tgt Ion:	42	Resp:	20475
Ion	Ratio	Lower	Upper
42	100		
74	115.7	90.7	136.1
44	9.4	6.5	9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





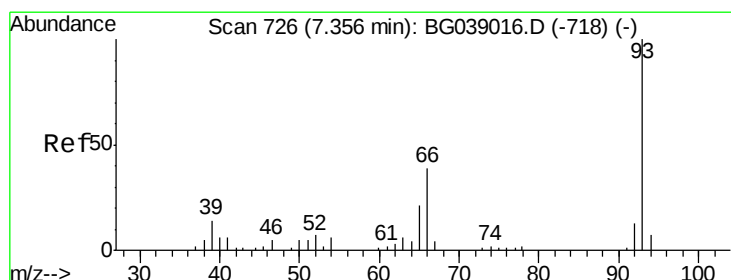
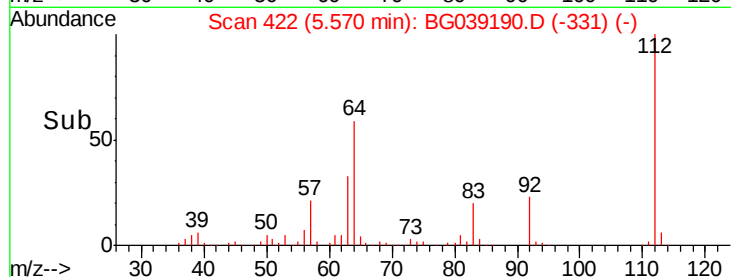
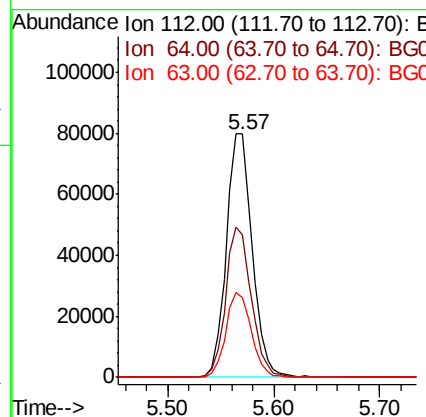
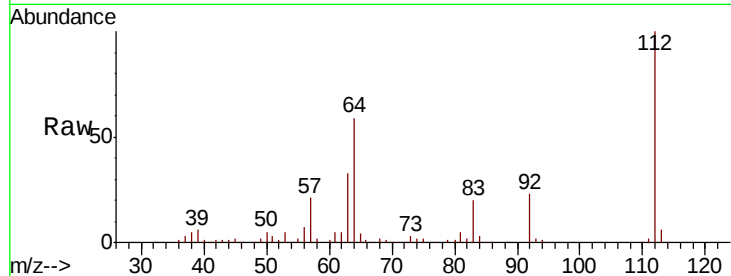
#5
2-Fluorophenol
Concen: 126.321 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	135405		
64	58.6		47.0	70.6
63	32.6		28.0	42.0

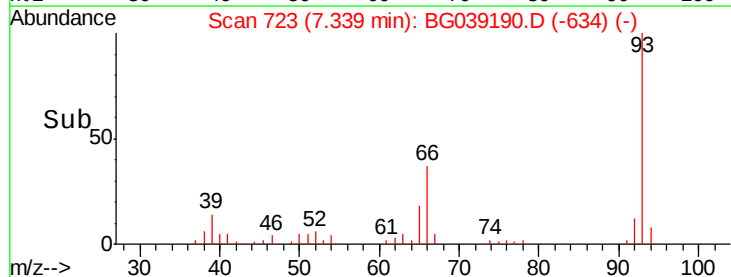
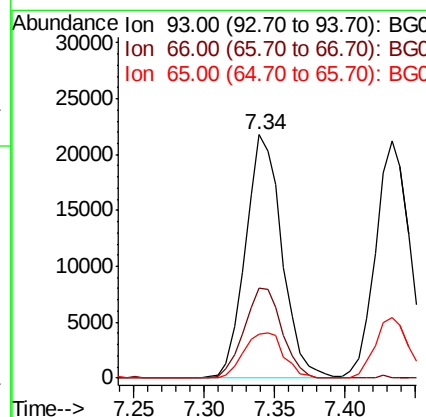
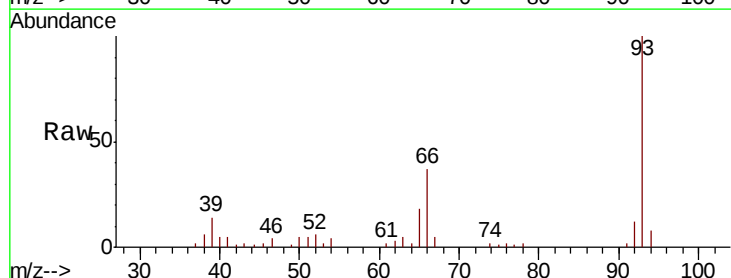
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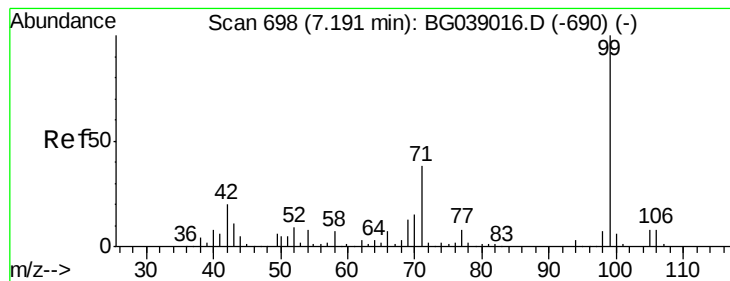
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#6
Aniline
Concen: 21.245 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	39359		
66	36.8		30.9	46.3
65	18.3		17.0	25.4





#7

Phenol-d6

Concen: 117.672 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

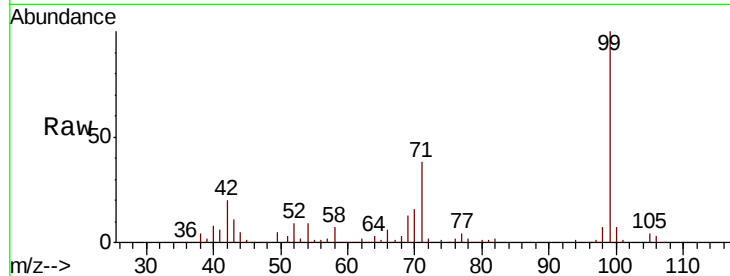
ClientSampled :

PB116427BS

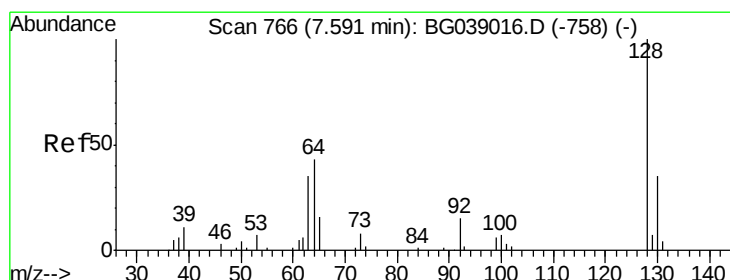
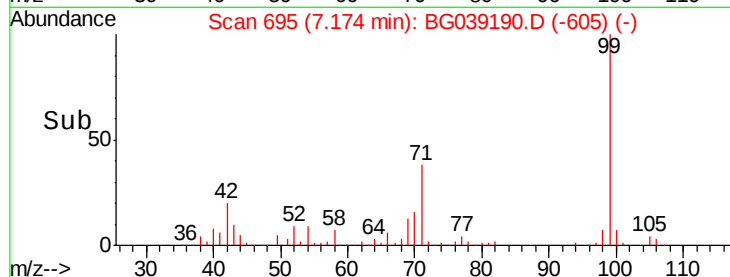
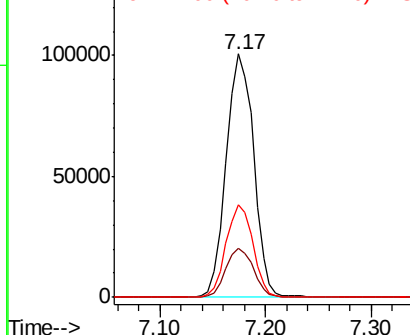
Tot Ion	99	Resp	181524
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	38.1	30.2	45.4

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



#8

2-Chlorophenol

Concen: 33.561 ng

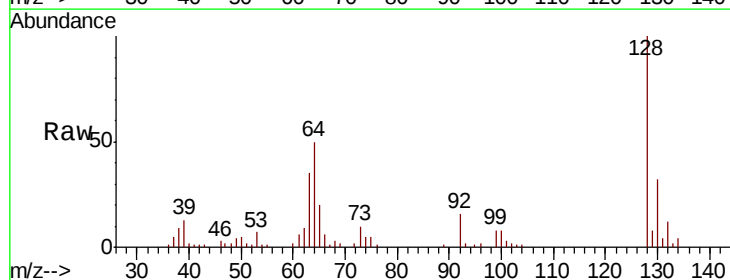
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

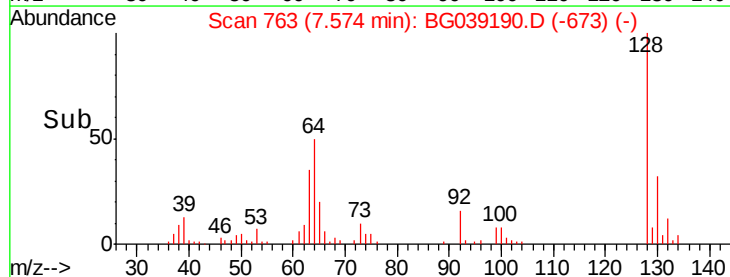
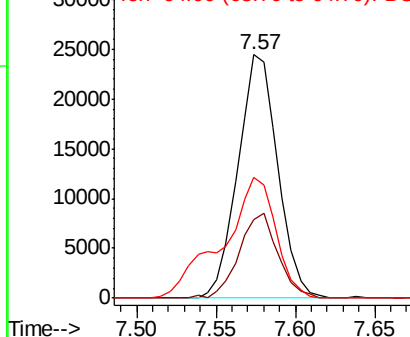
Lab File: BG039190.D

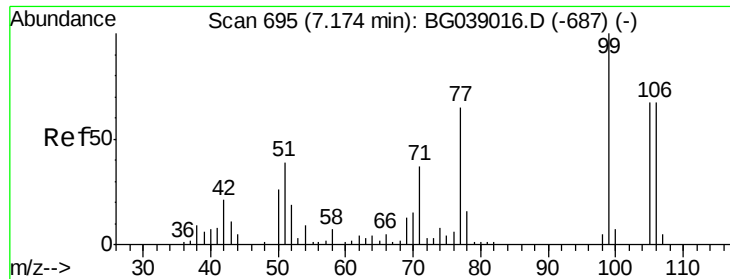
Acq: 17 Jan 2019 17:22

Tgt Ion	128	Resp	42407
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.5	54.5
64	49.5	27.3	67.3



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





#9

Benzaldehyde

Concen: 20.324 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

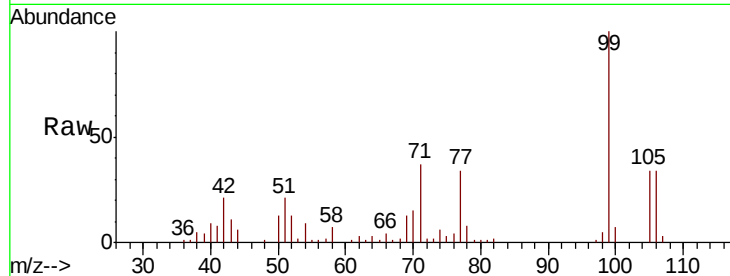
ClientSampled :

PB116427BS

Tot Ion:	77	Resp:	18081
Ion	Ratio	Lower	Upper
77	100		
105	100.9	82.4	122.4
106	100.8	82.8	122.8

Manual Integrations
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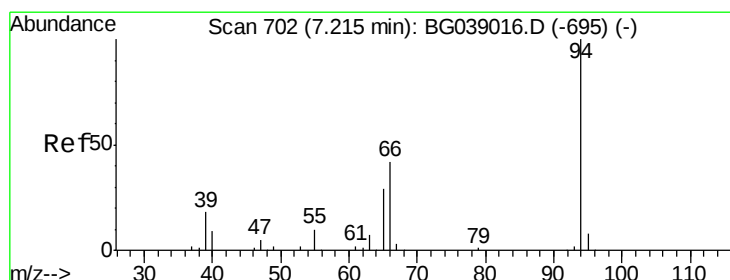
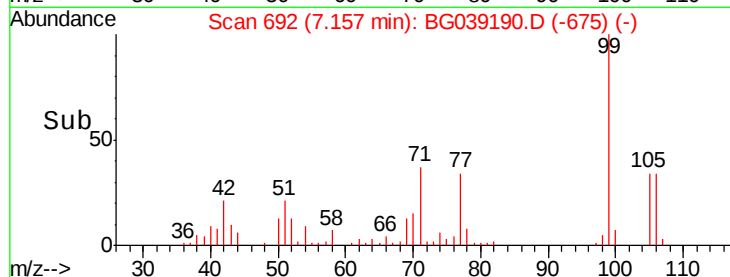
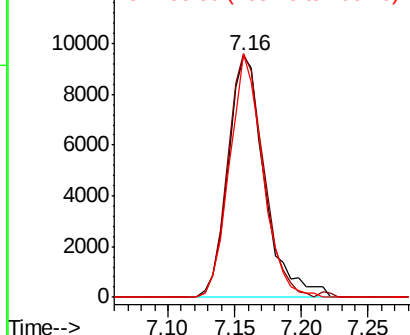


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.518 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

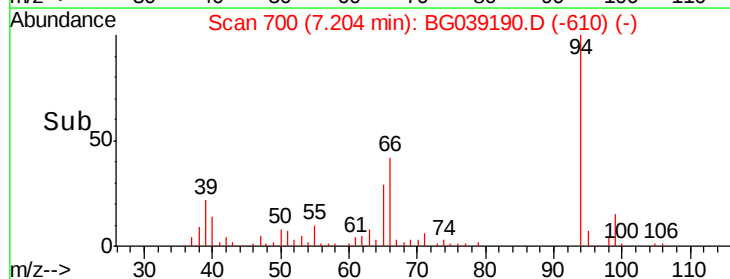
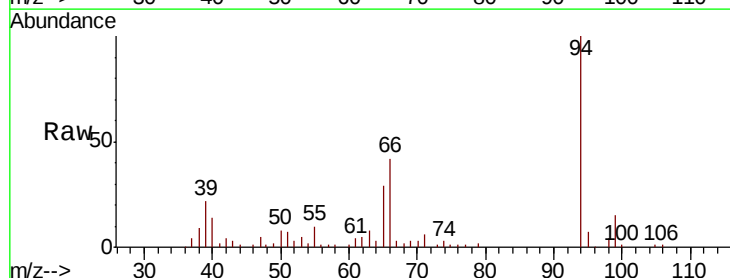
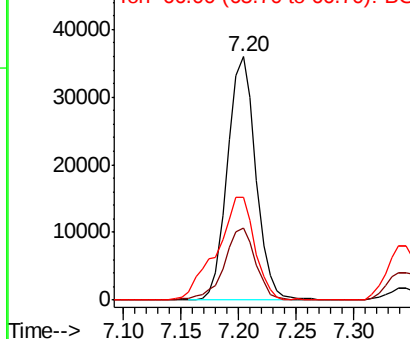
Tgt Ion:	94	Resp:	61118
Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.3	50.3
66	42.0	25.1	65.1

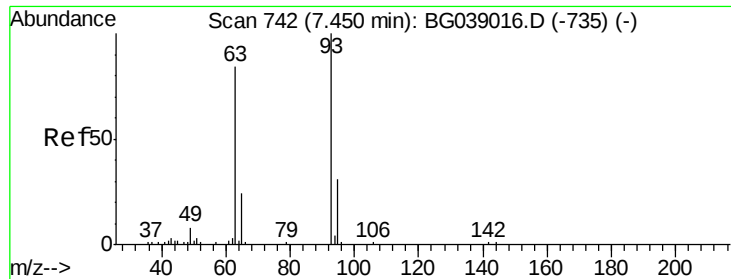
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





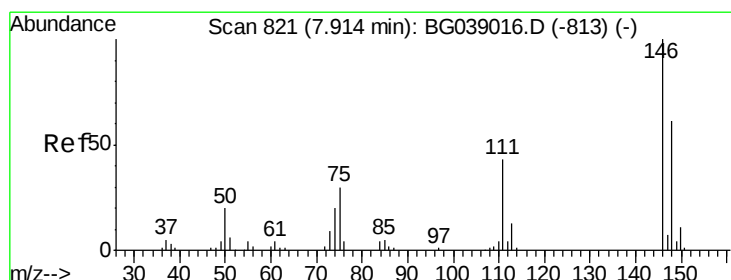
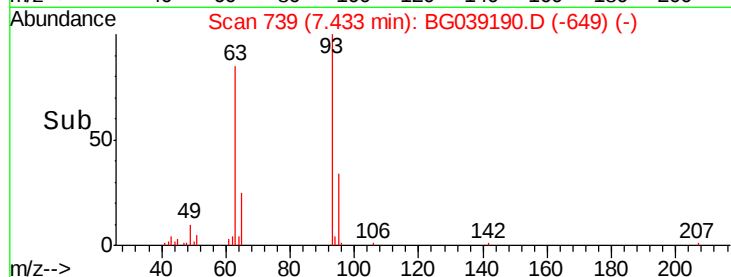
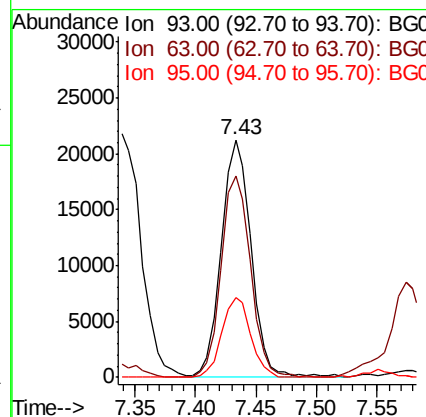
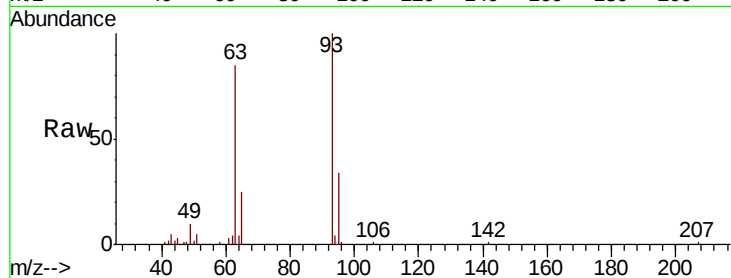
#11
bis(2-Chloroethyl)ether
Concen: 30.692 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	63.2	103.2
95	33.7	11.2	51.2

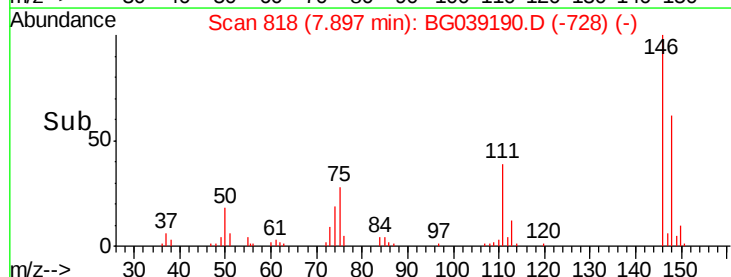
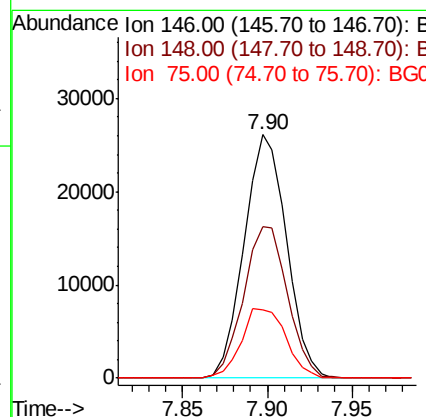
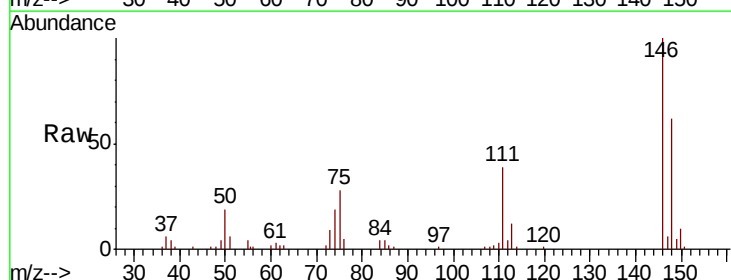
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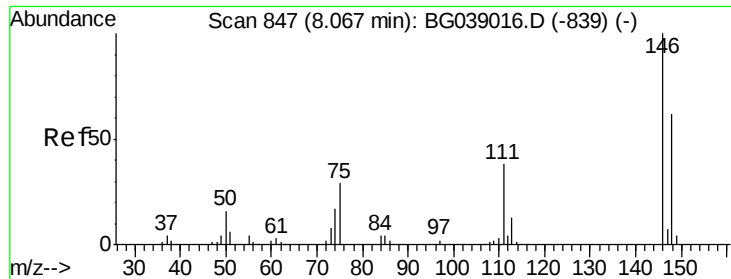
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#12
1,3-Dichlorobenzene
Concen: 30.080 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.1	73.7
75	28.2	23.9	35.9





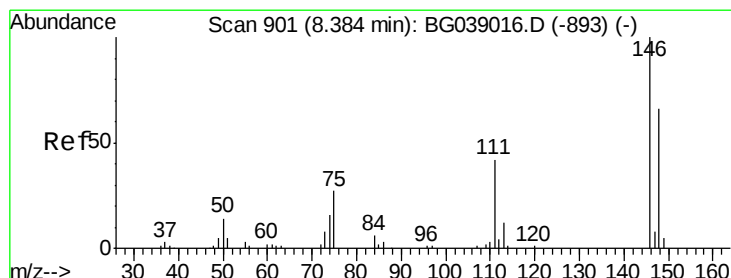
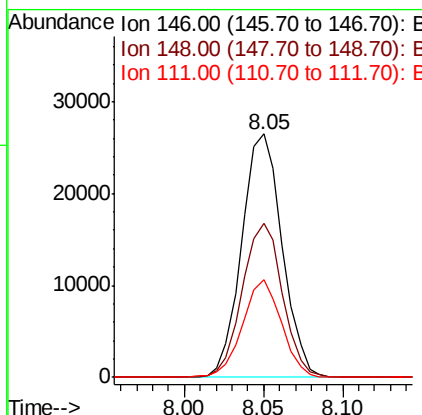
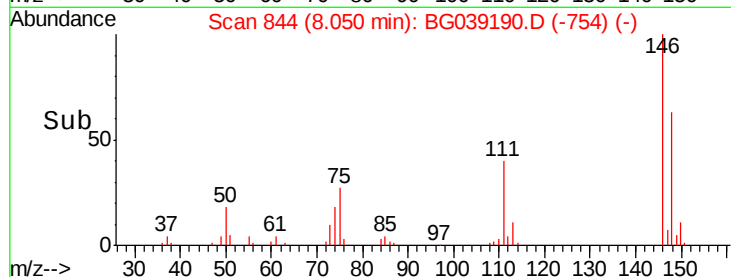
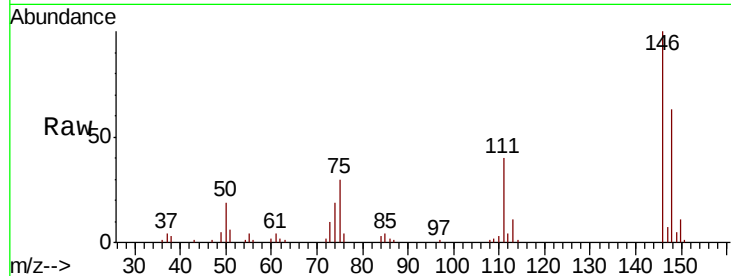
#13
 1,4-Dichlorobenzene
 Concen: 30.547 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.6
111	40.1	30.6	45.8

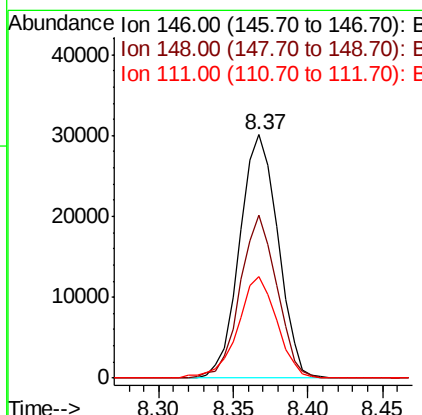
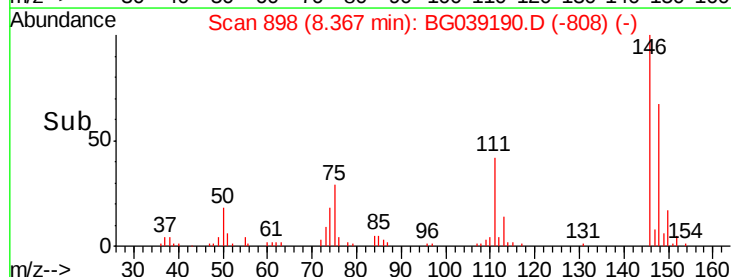
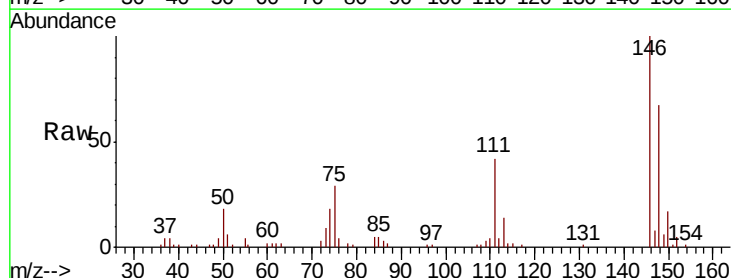
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#14
 1,2-Dichlorobenzene
 Concen: 36.673 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.6	79.0
111	41.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 38.562 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleID :

PB116427BS

Tot Ion: 79 Resp: 44798

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

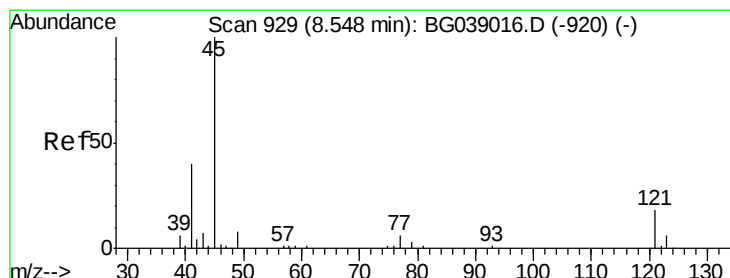
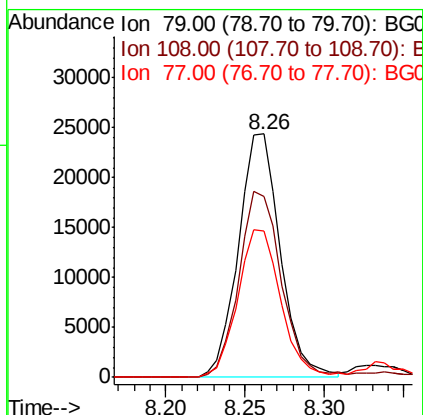
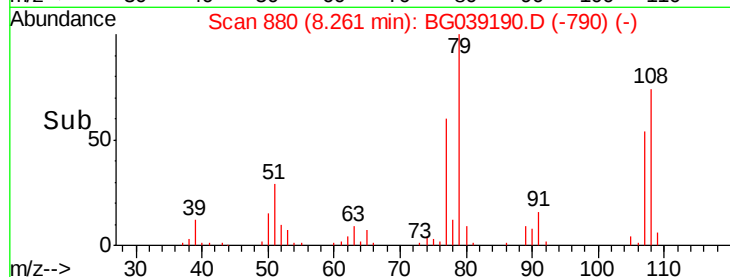
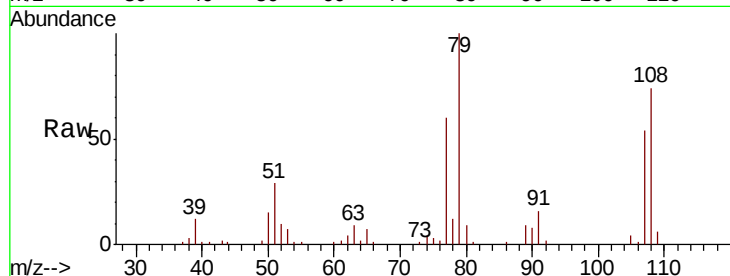
77 60.2 50.1 75.1

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.405 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

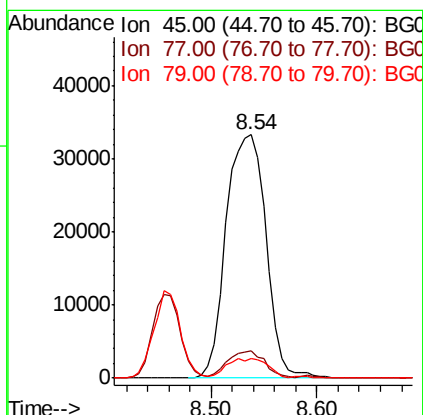
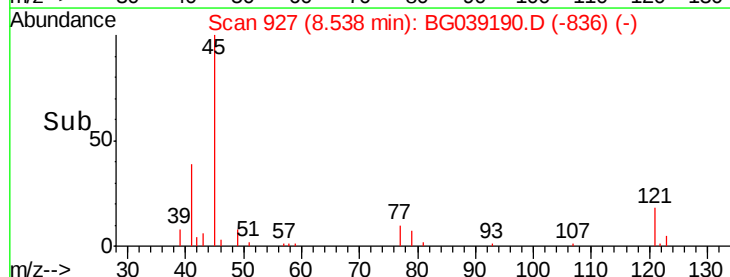
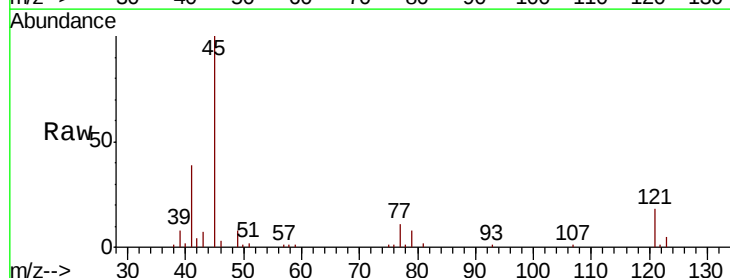
Tgt Ion: 45 Resp: 87050

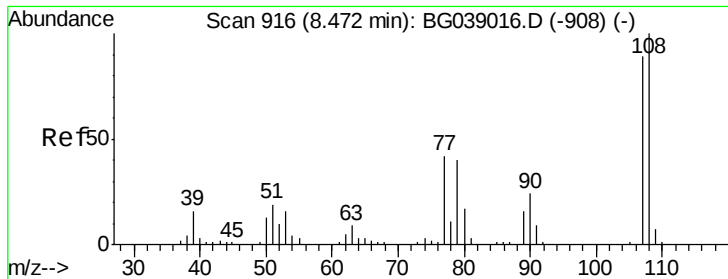
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

79 8.1 0.0 28.5





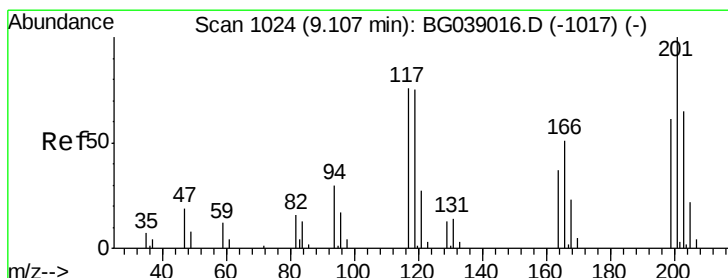
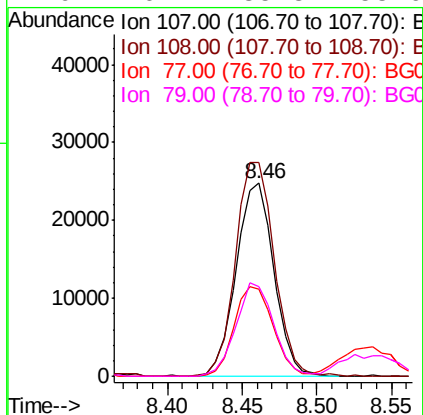
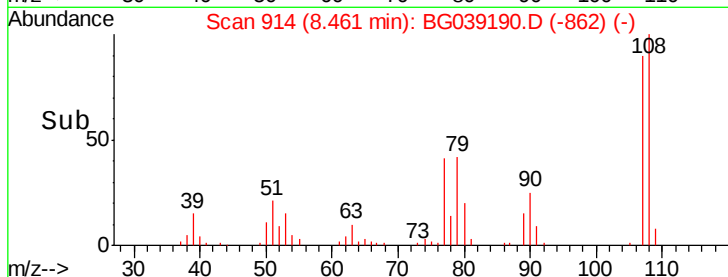
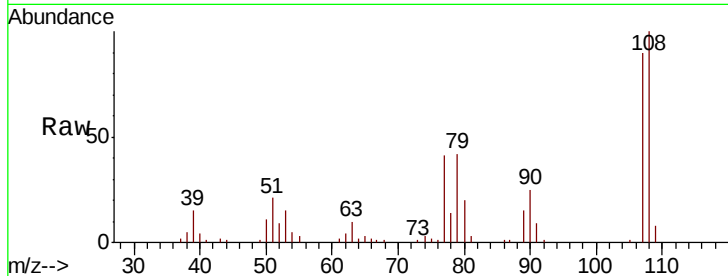
#17
2-Methylphenol
Concen: 40.680 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:	107	Resp:	43687
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.3	135.5
77	45.3	38.3	57.5
79	46.4	35.8	53.6

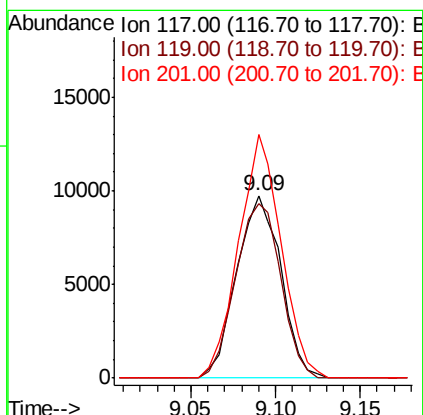
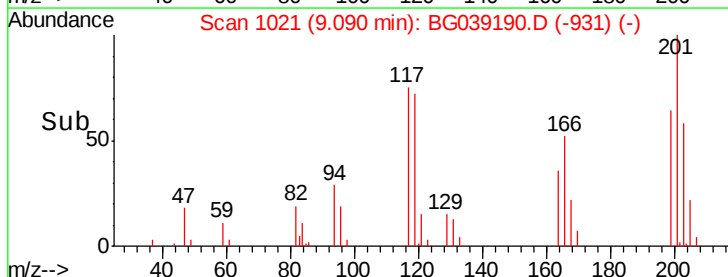
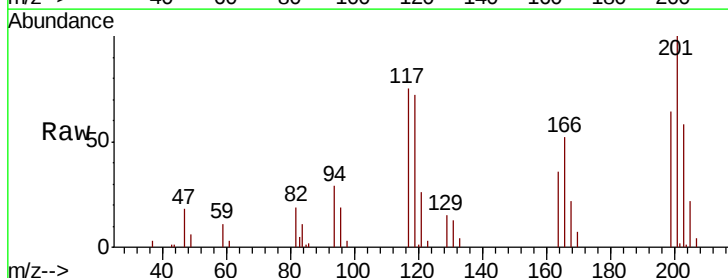
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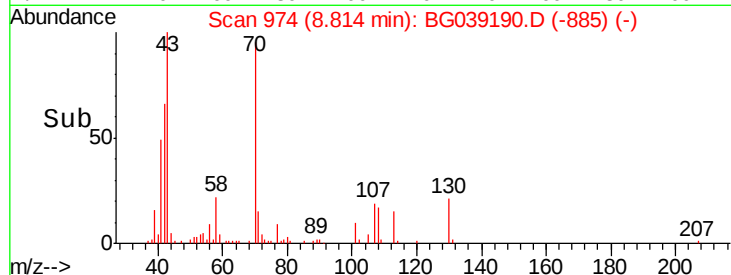
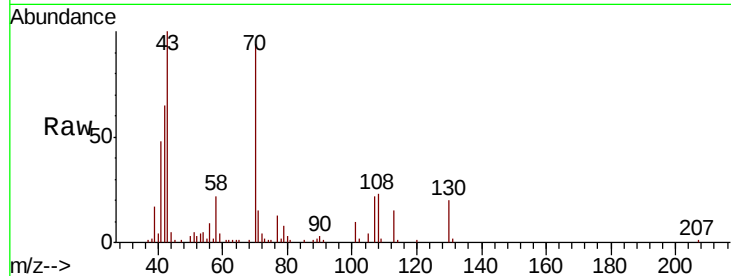
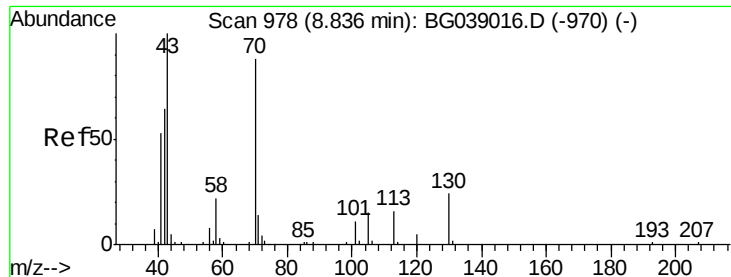
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#18
Hexachloroethane
Concen: 34.019 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:	117	Resp:	17720
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.7	118.1
201	133.6	108.1	162.1





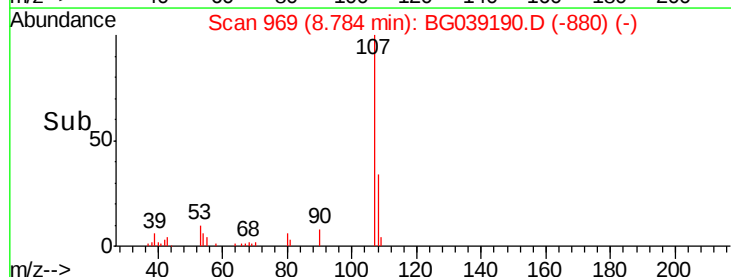
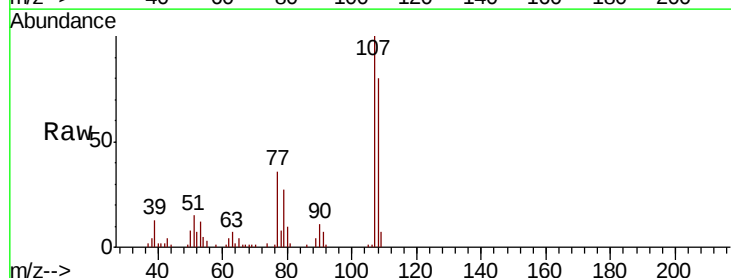
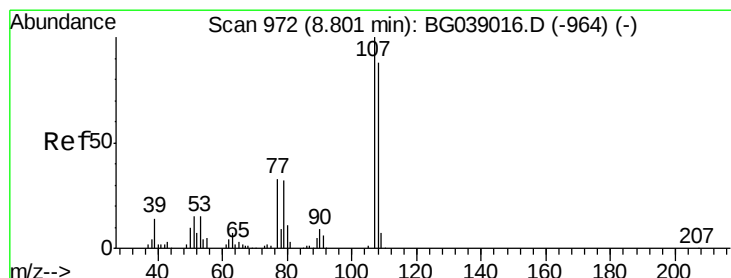
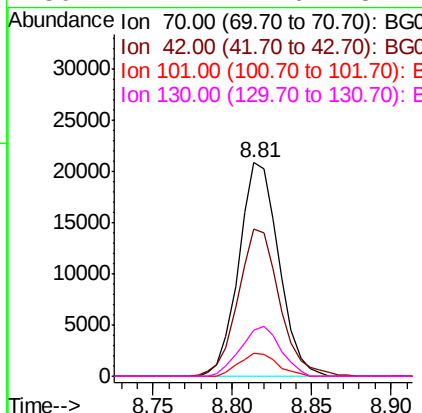
#19
n-Nitroso-di-n-propylamine
Concen: 36.013 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.7	59.0	88.4		
101	11.0	10.4	15.6		
130	21.7	21.6	32.4		

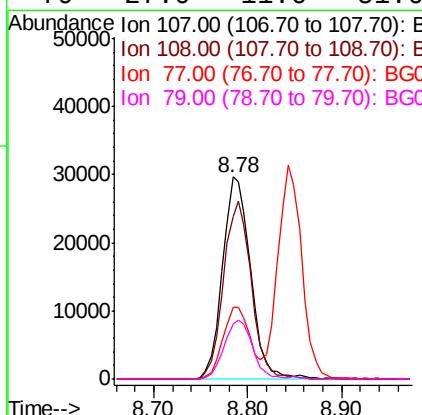
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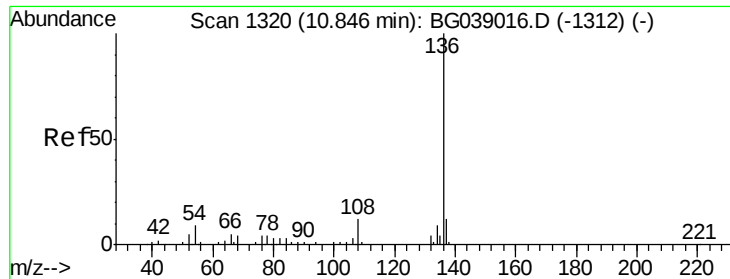
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#20
3+4-Methylphenols
Concen: 40.091 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	80.3	68.4	108.4		
77	35.8	13.3	53.3		
79	27.0	11.6	51.6		





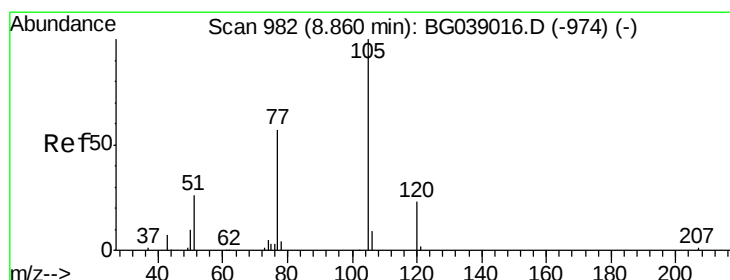
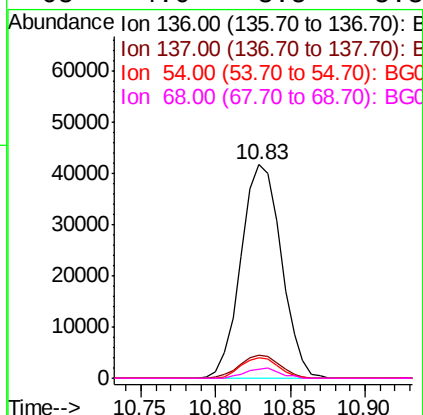
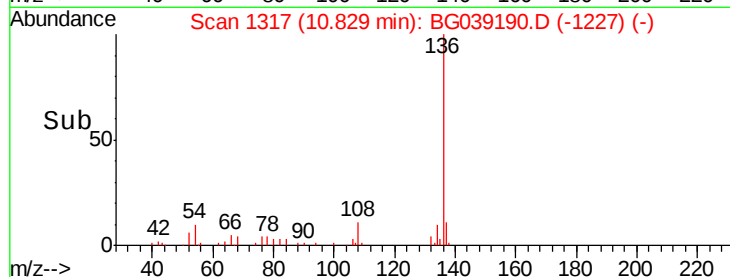
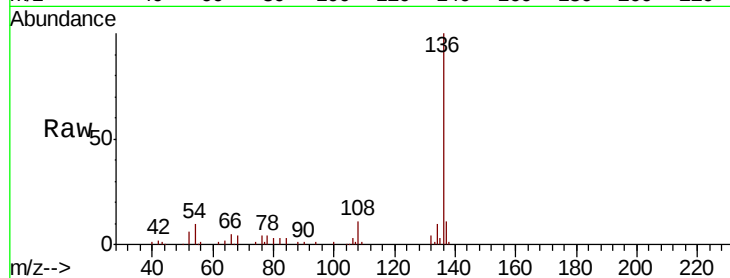
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.2
54	9.7	7.2	10.8
68	4.0	3.5	5.3

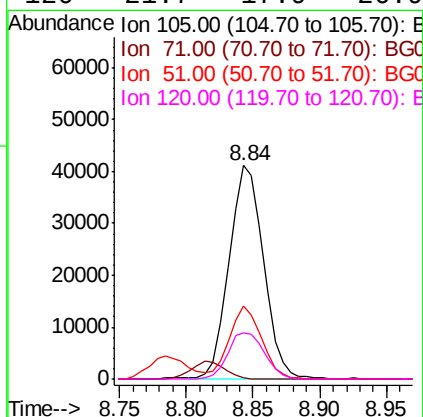
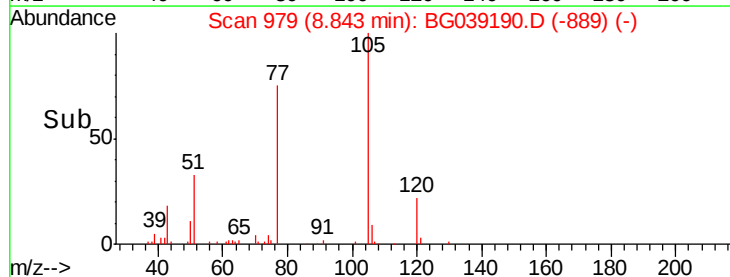
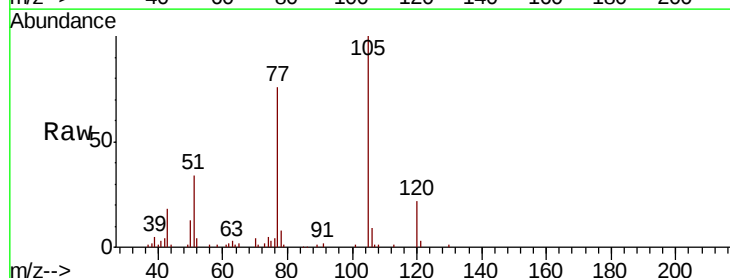
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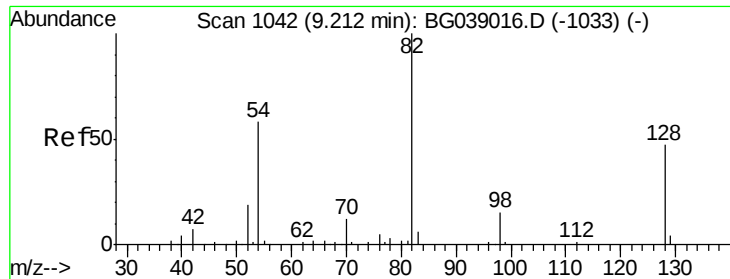
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#22
Acetophenone
Concen: 36.243 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.6	1.0
51	33.9	26.6	39.8
120	21.7	17.9	26.9





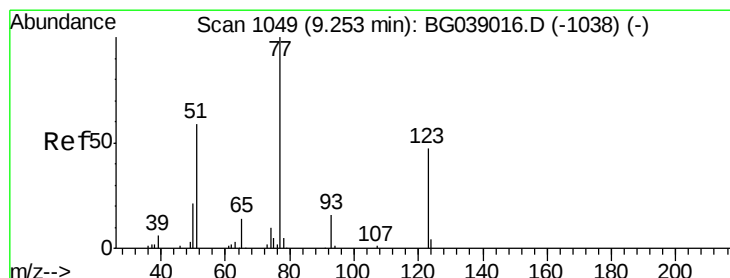
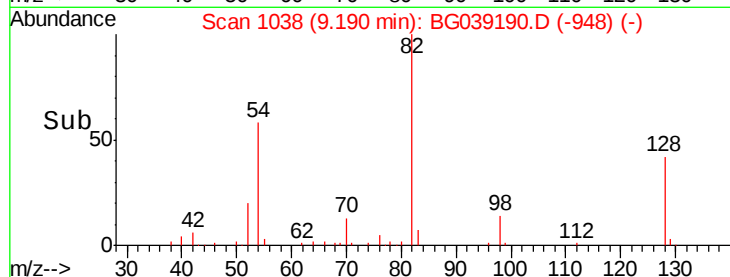
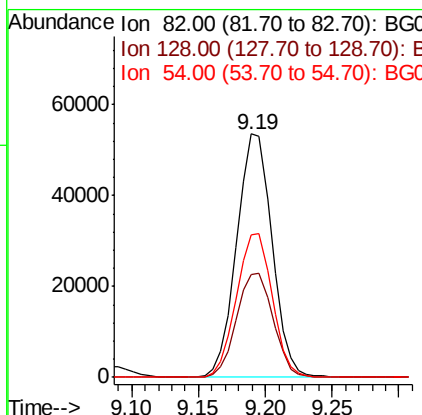
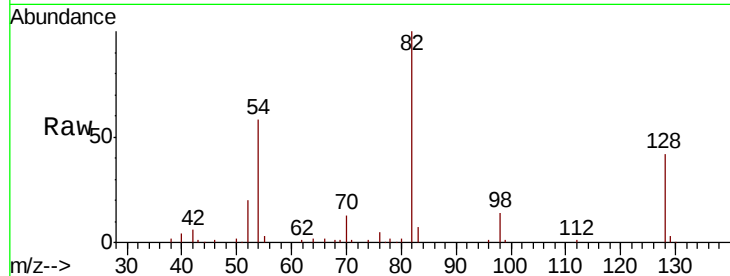
#23
Nitrobenzene-d5
Concen: 68.935 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	82	Resp	98426
Ion Ratio	100	Lower	Upper
82	100		
128	42.5	37.3	55.9
54	58.5	46.4	69.6

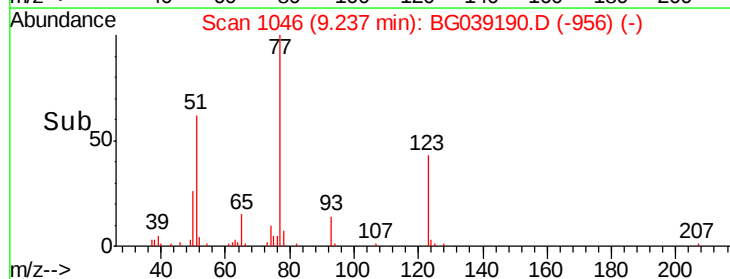
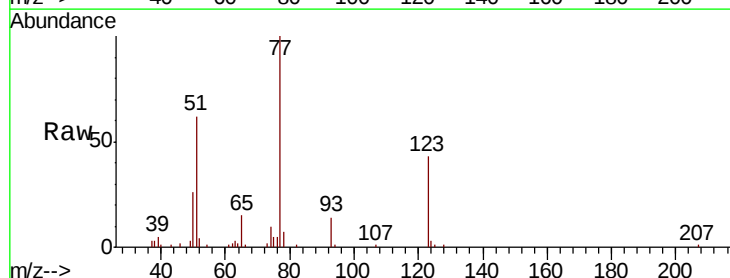
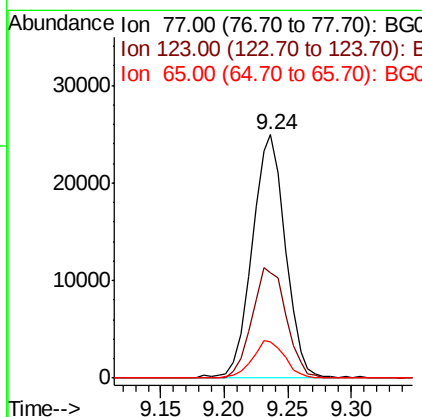
Manual Integrations
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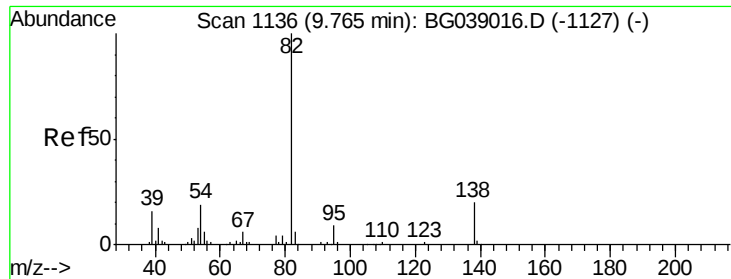
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#24
Nitrobenzene
Concen: 31.487 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	77	Resp	45442
Ion Ratio	100	Lower	Upper
77	100		
123	43.1	37.6	56.4
65	15.0	11.0	16.6





#25

Isophorone

Concen: 34.275 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

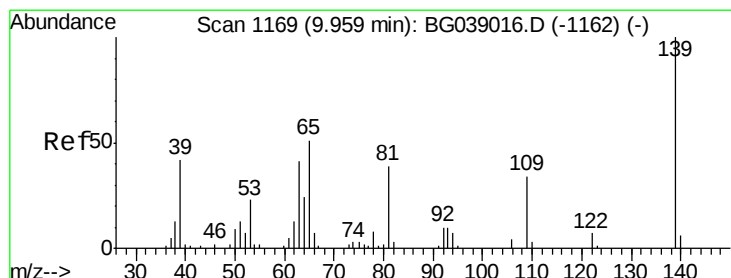
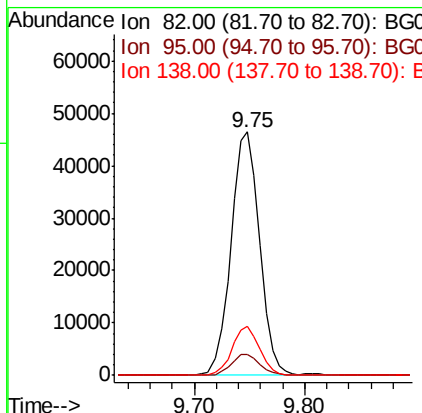
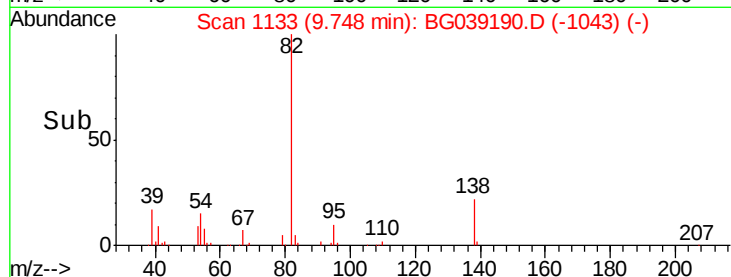
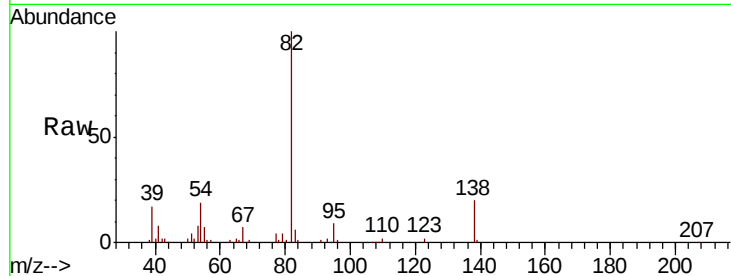
ClientSampleId :

PB116427BS

Tot Ion:	82	Resp:	84298
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.0	10.6
138	20.3	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.593 ng

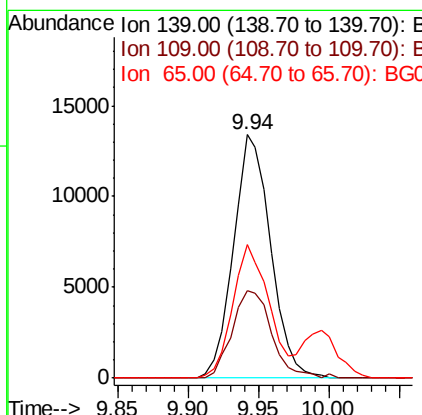
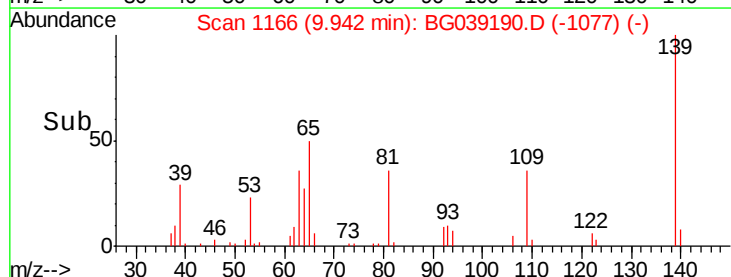
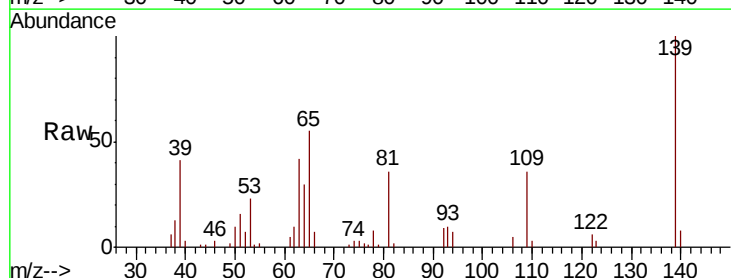
RT: 9.94 min Scan# 1166

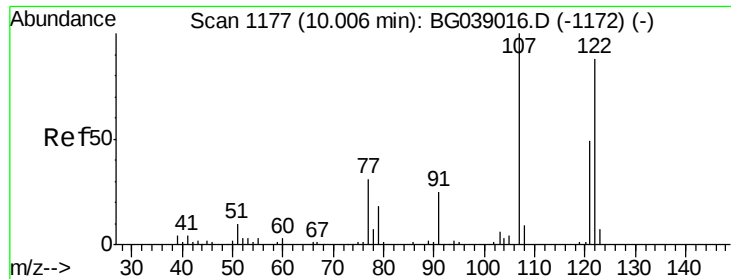
Delta R.T. -0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	139	Resp:	24662
Ion Ratio	Lower	Upper	
139	100		
109	36.2	27.3	40.9
65	54.6	40.6	61.0





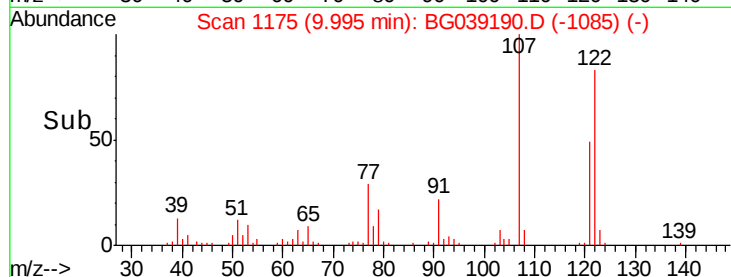
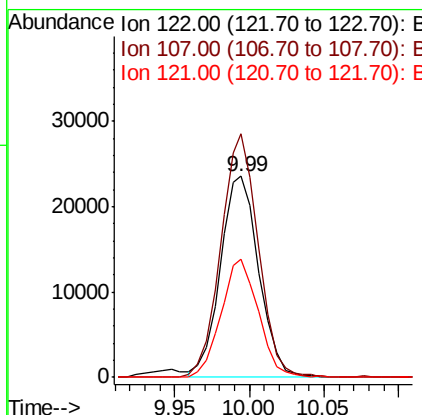
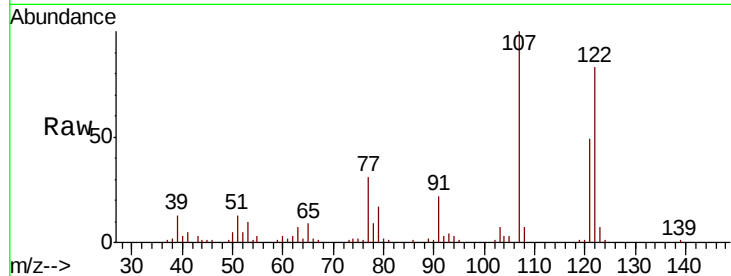
#27
 2,4-Dimethylphenol
 Concen: 38.645 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	88.8	133.2
121	59.0	43.1	64.7

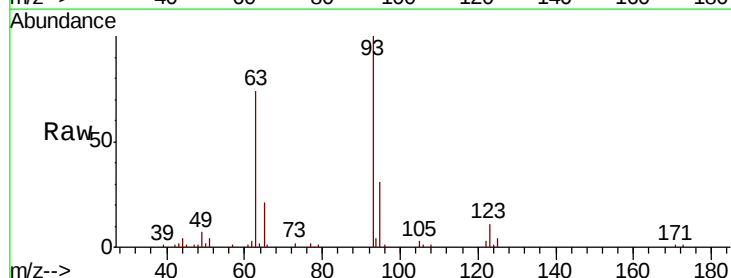
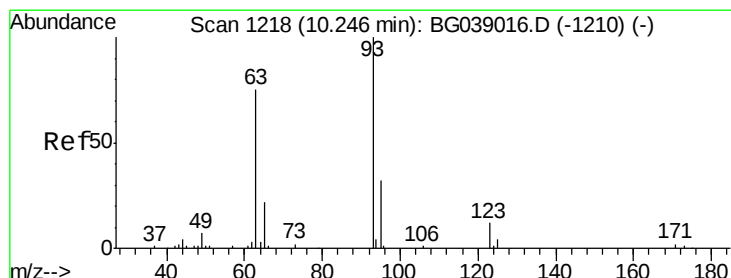
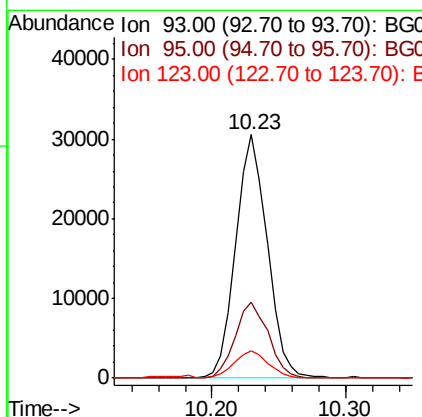
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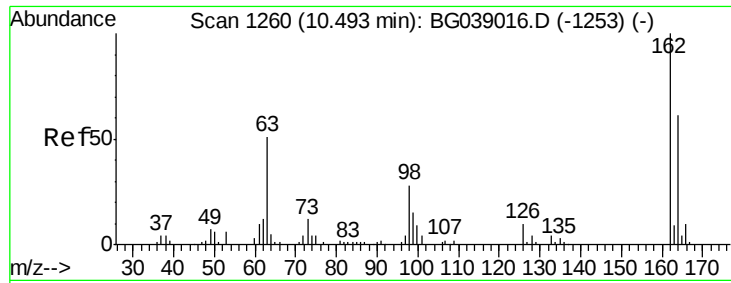
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.881 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.6	38.4
123	11.3	10.1	15.1





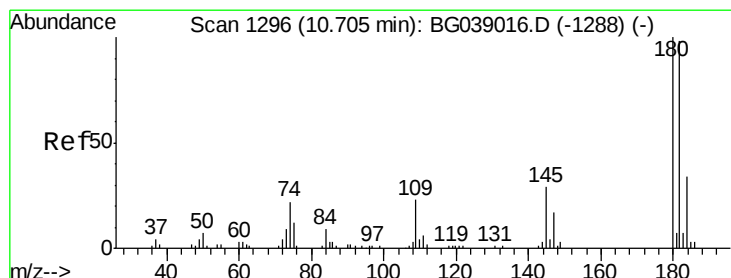
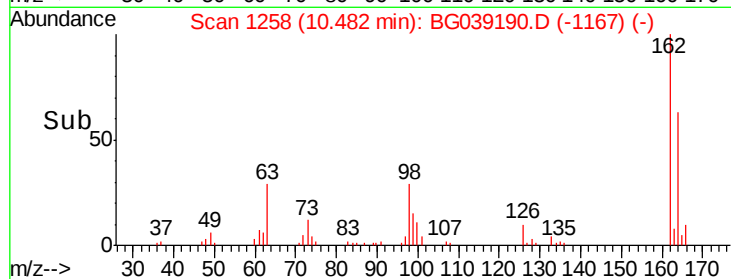
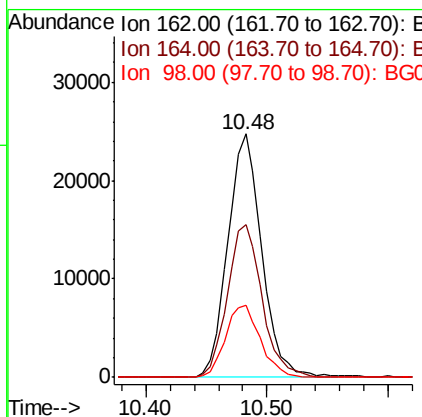
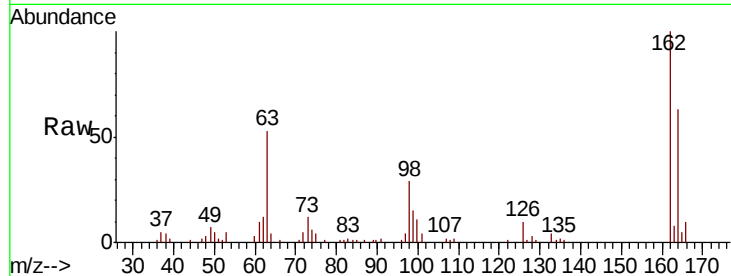
#29
 2,4-Dichlorophenol
 Concen: 35.342 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	41.3	81.3
98	29.4	8.3	48.3

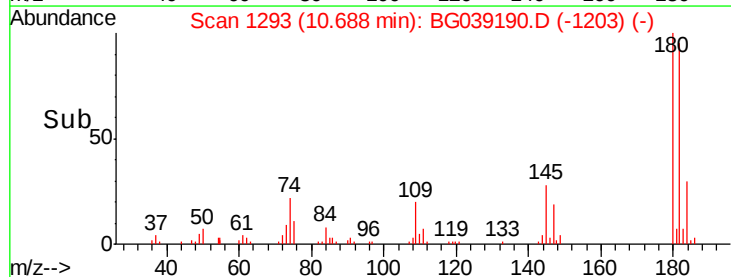
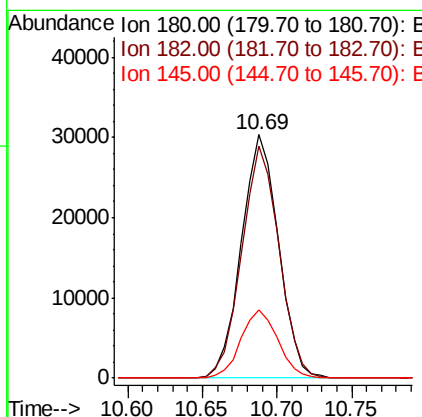
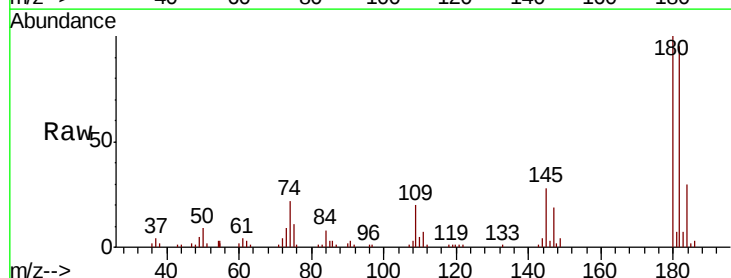
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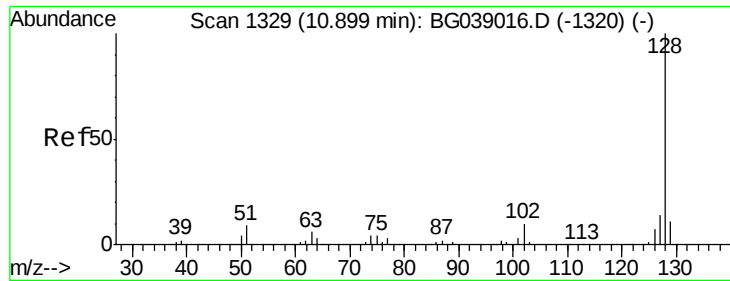
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.891 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.1	117.1
145	28.1	23.1	34.7





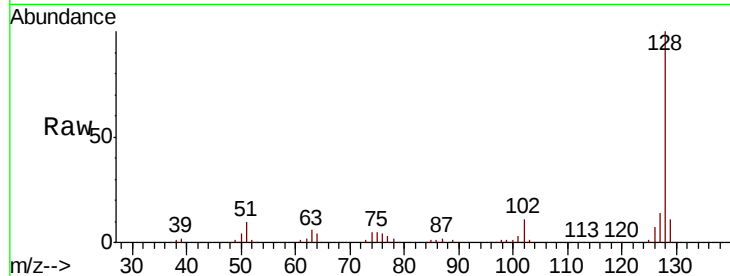
#31
Naphthalene
Concen: 34.050 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.7	11.2	16.8

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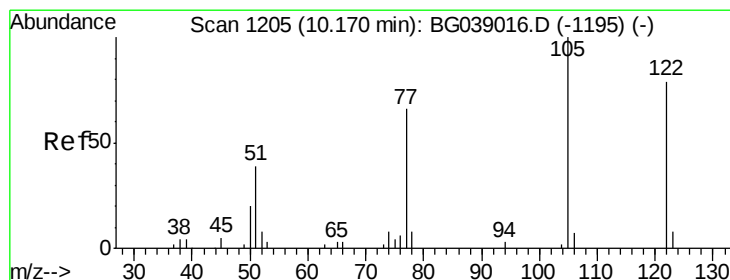
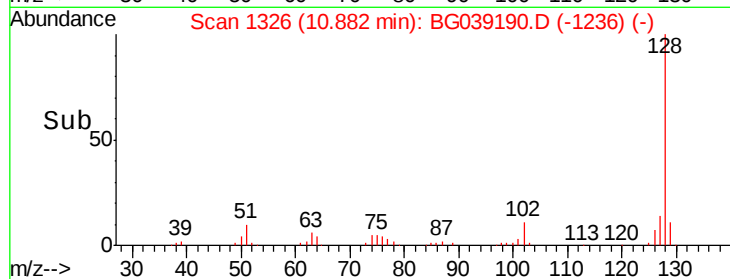
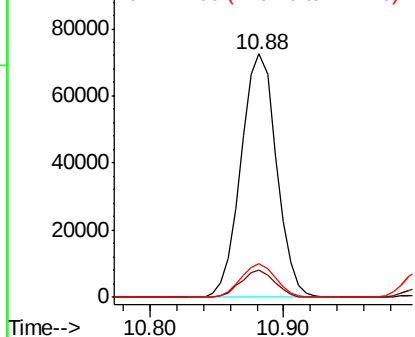


Abundance

Ion 128.00 (127.70 to 128.70): E

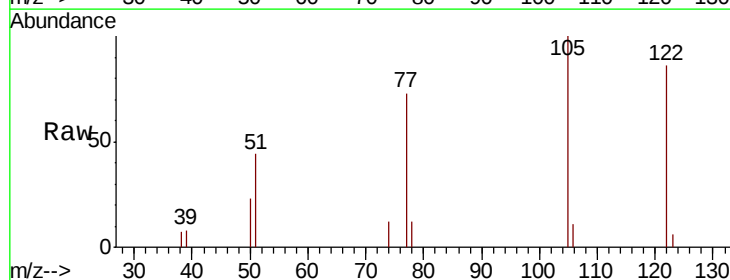
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.077 ng m
RT: 10.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	106.4	146.4
77	85.6	63.6	103.6

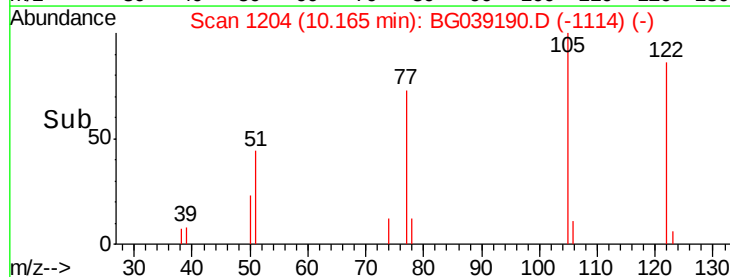
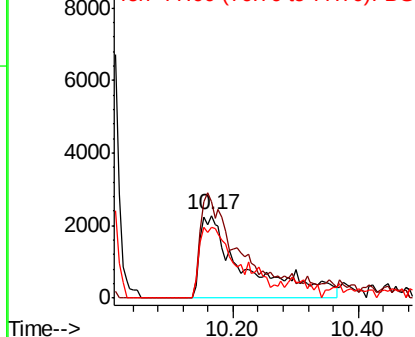


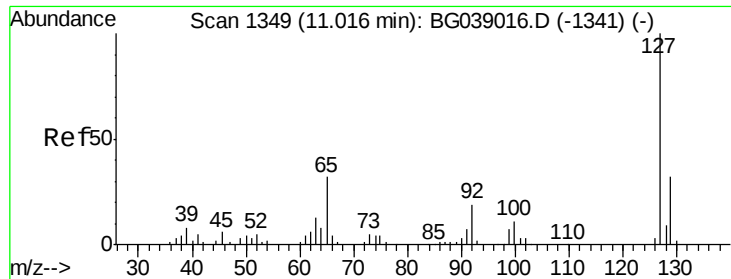
Abundance

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): BG





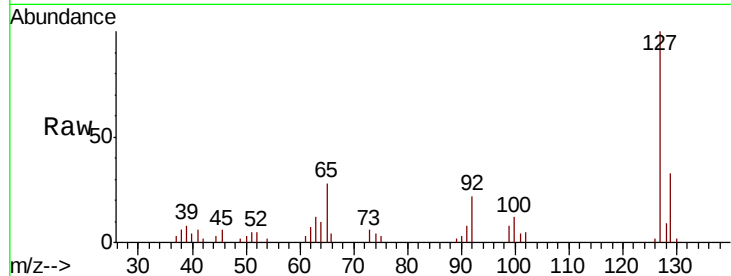
#33
4-Chloroaniline
Concen: 10.944 ng
RT: 11.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

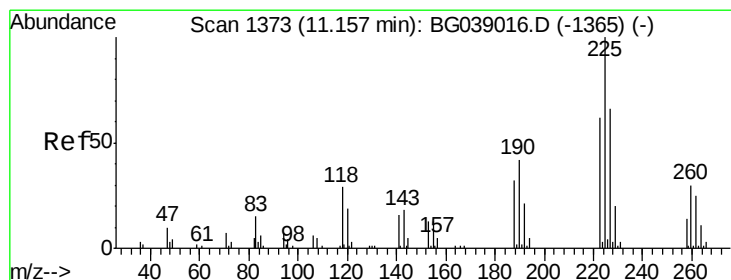
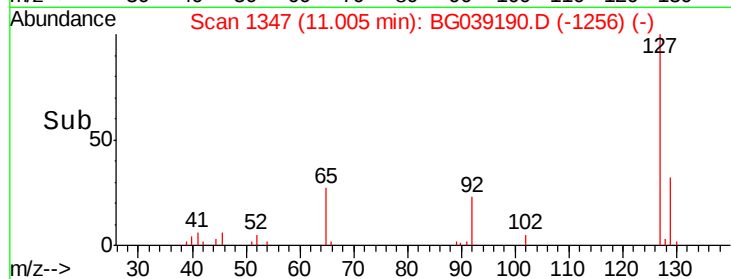
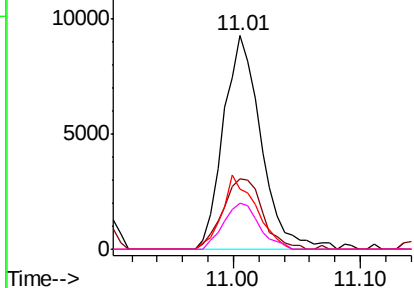
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	28.0	25.4	38.0
92	21.9	15.2	22.8

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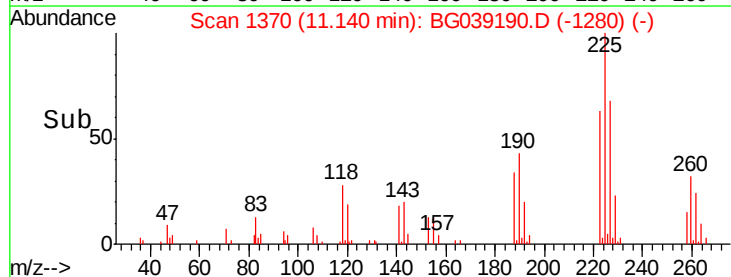
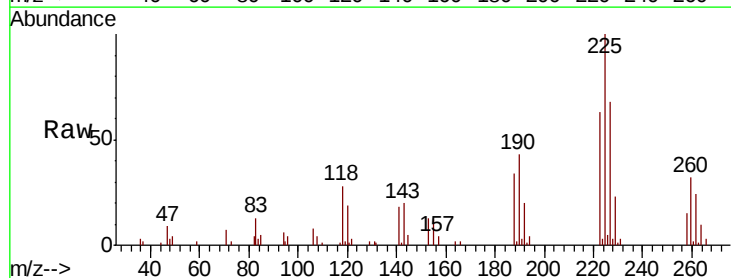
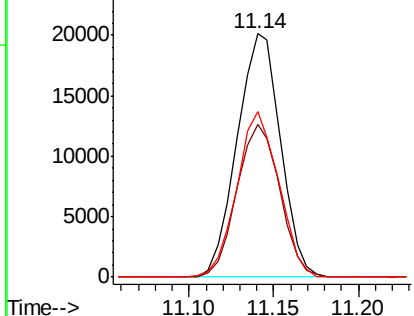
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

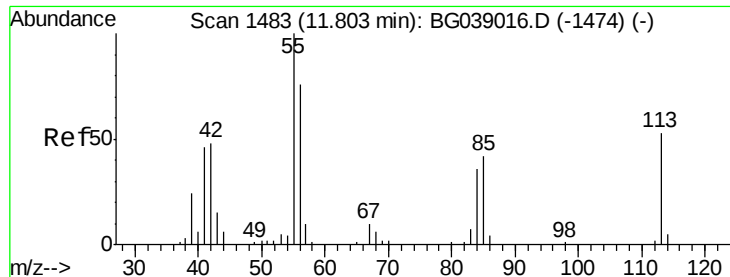


#34
Hexachlorobutadiene
Concen: 31.908 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	68.1	53.2	79.8

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





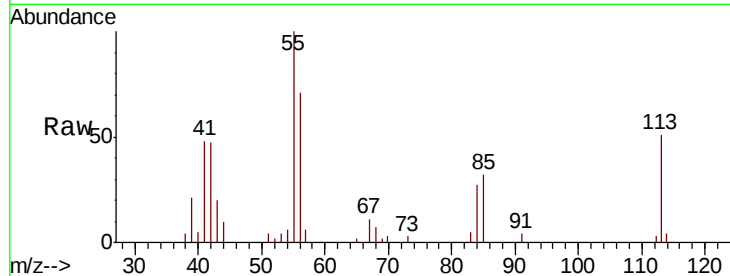
#35
Caprolactam
Concen: 29.327 ng/ml
RT: 11.77 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleID :
PB116427BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.6	168.6	208.6
56	139.5	123.2	163.2

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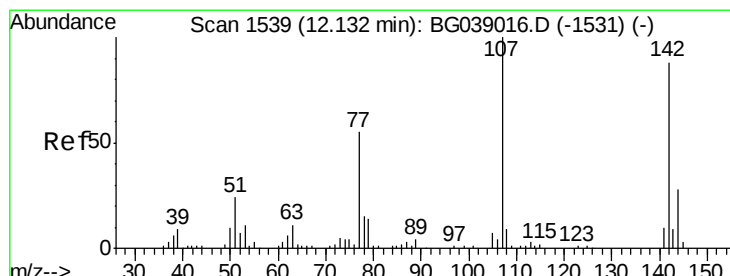
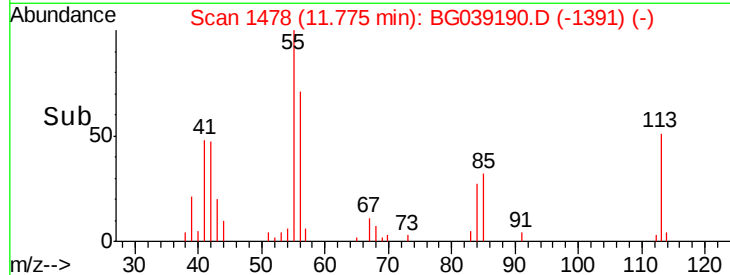
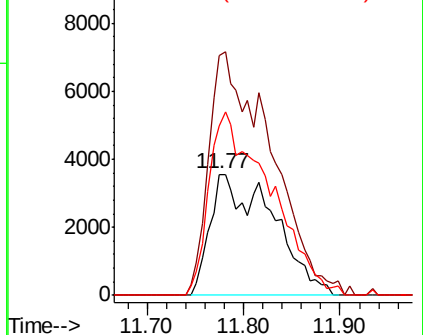


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36
4-Chloro-3-methylphenol
Concen: 36.189 ng/ml
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

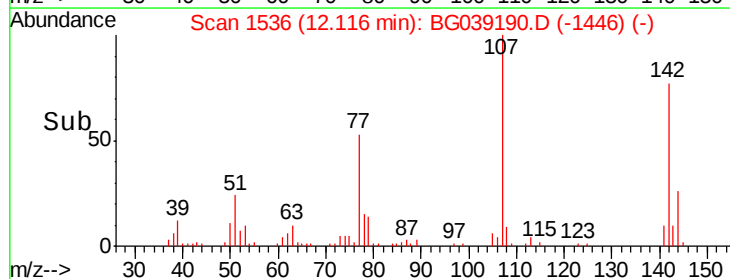
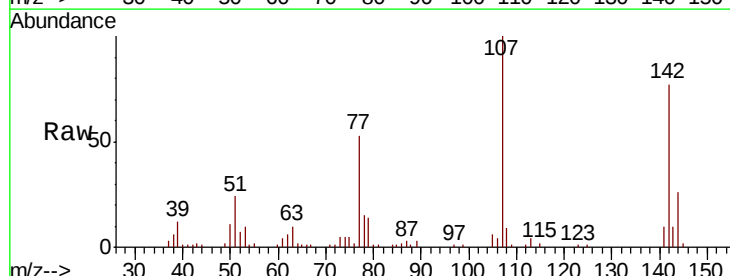
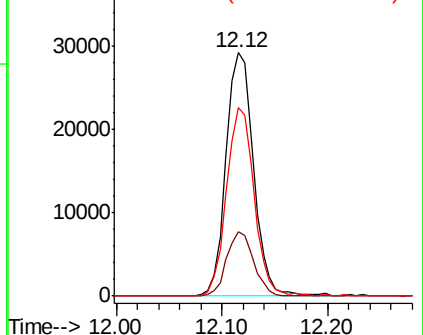
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	22.6	34.0
142	77.4	70.2	105.4

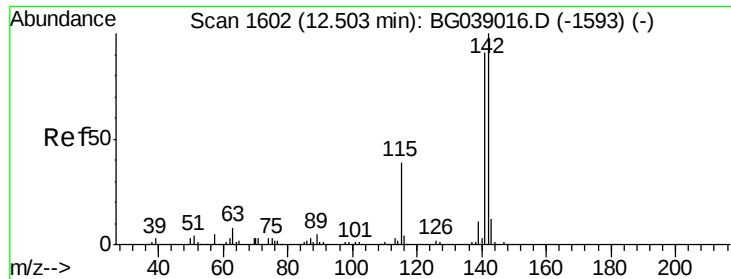
Abundance

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





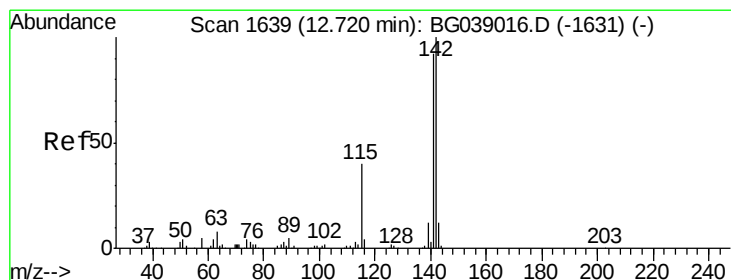
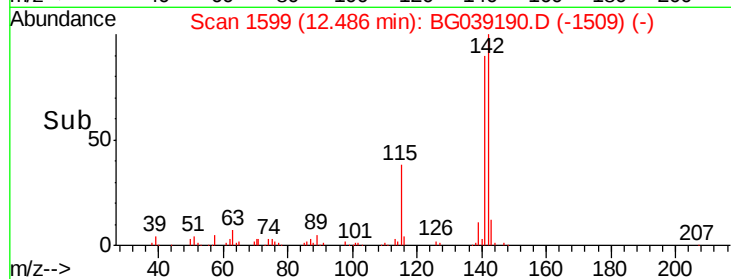
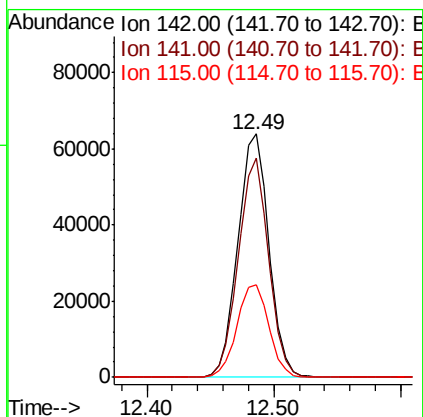
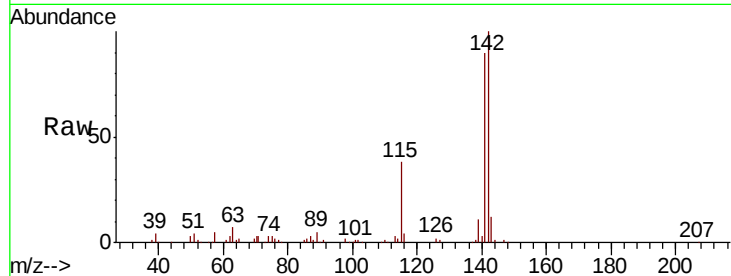
#37
2-Methylnaphthalene
Concen: 36.791 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	109.0
115	38.0	31.1	46.7

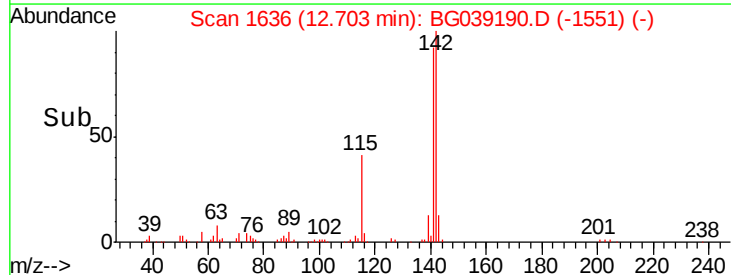
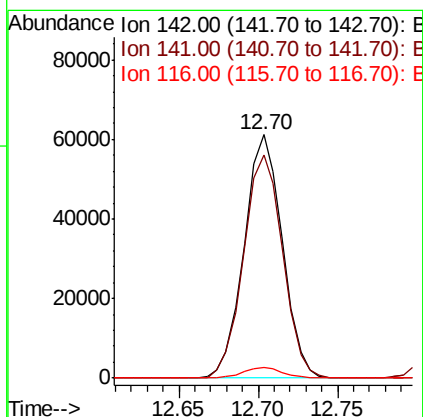
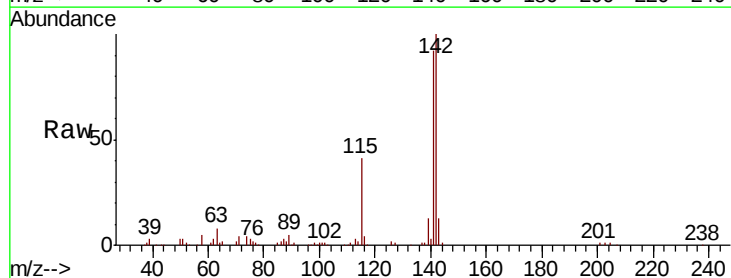
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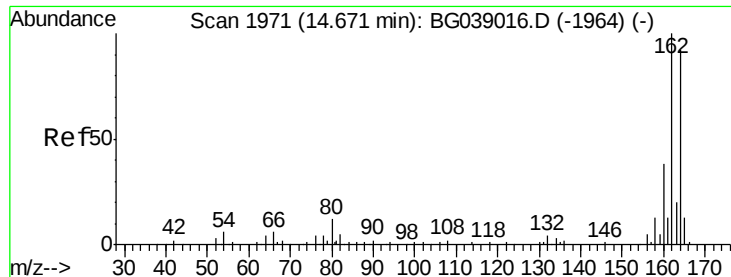
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#38
1-Methylnaphthalene
Concen: 36.249 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.3	109.9
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

ClientSampleId :

PB116427BS

Tot Ion:164 Resp: 55290

Ion Ratio Lower Upper

164 100

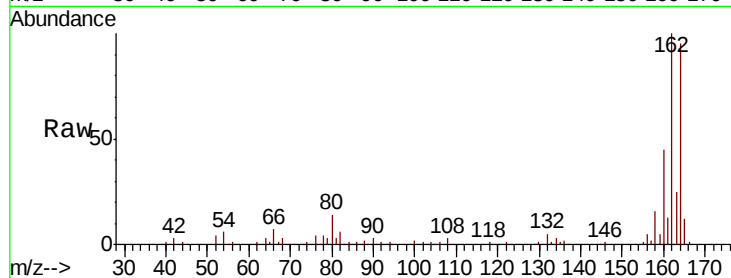
162 105.0 87.2 130.8

160 47.3 33.3 49.9

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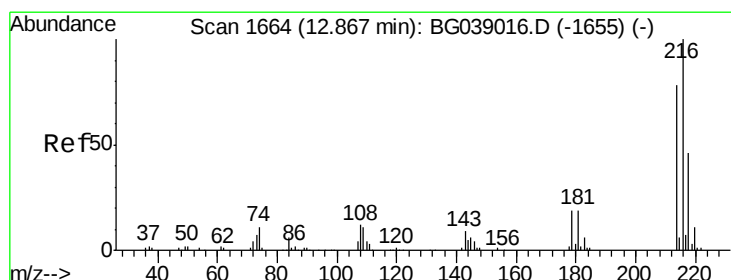
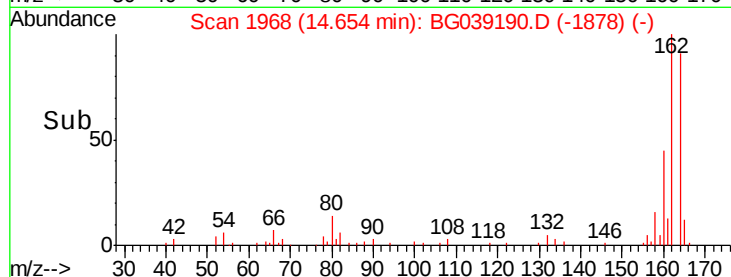
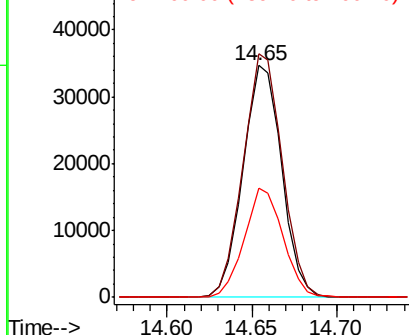


Abundance

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: 33.088 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:216 Resp: 68705

Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 19.5 15.5 23.3

108 16.1 11.4 17.2

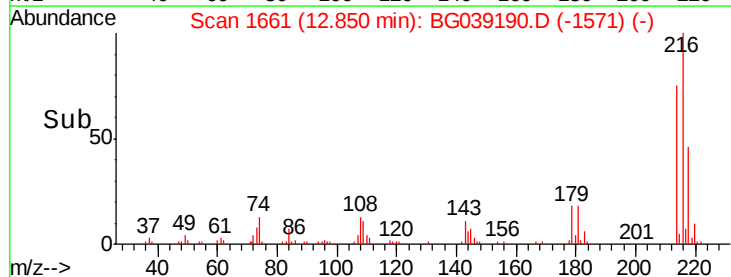
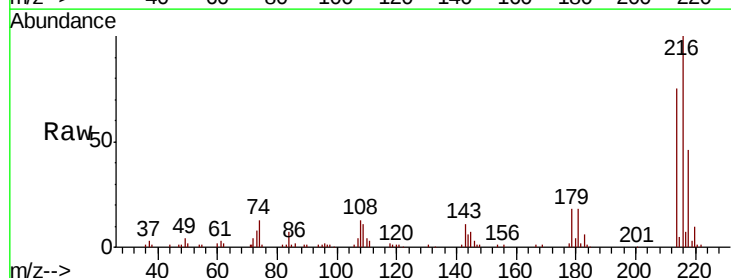
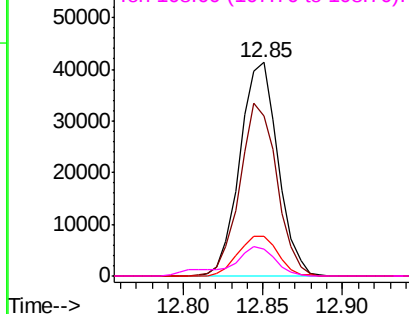
Abundance

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: 66.707 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

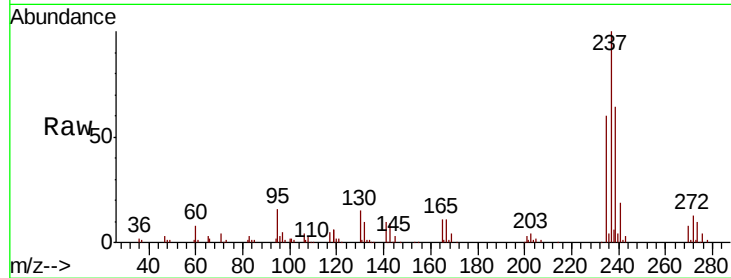
ClientSampleId :

PB116427BS

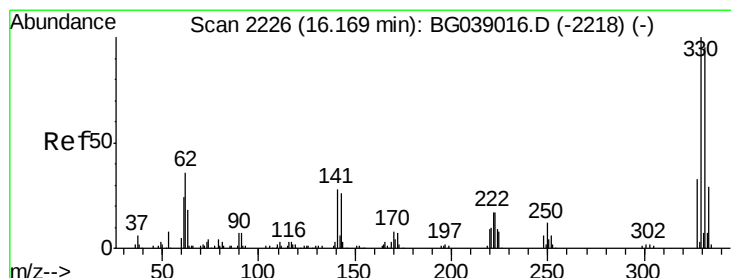
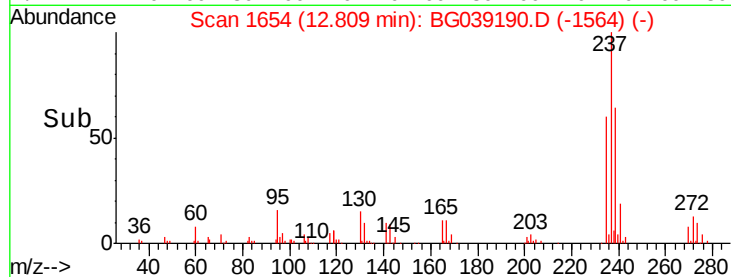
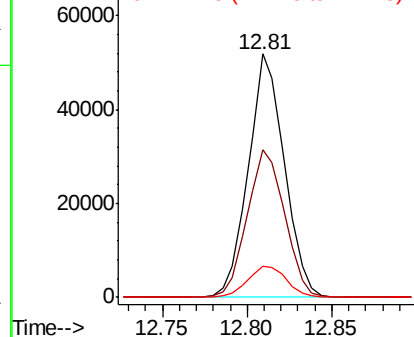
Tot Ion:	237	Resp:	76812
Ion Ratio	Lower	Upper	
237	100		
235	60.5	41.7	81.7
272	12.5	0.0	32.1

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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: 102.476 ng

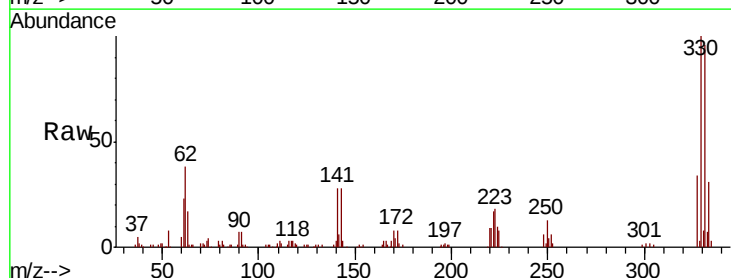
RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

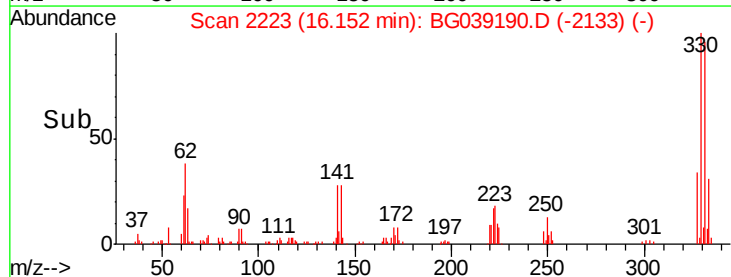
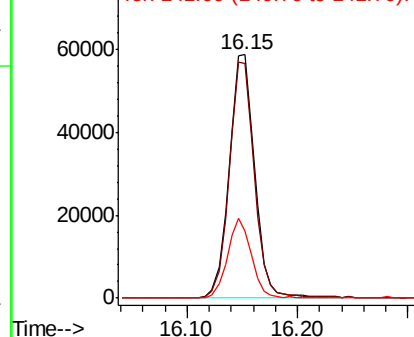
Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	330	Resp:	94976
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.7	113.5
141	30.6	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





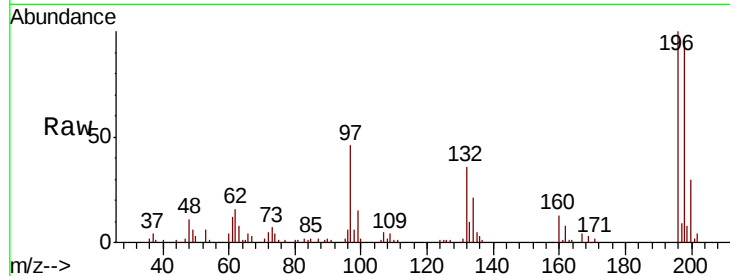
#43
 2,4,6-Trichlorophenol
 Concen: 35.468 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.5	111.7
200	29.9	23.8	35.6

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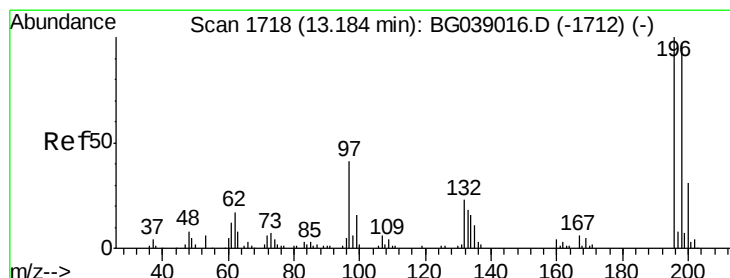
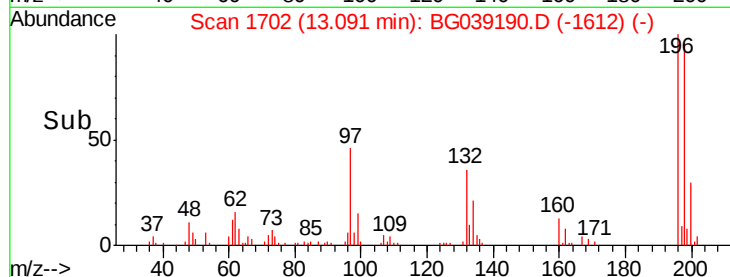
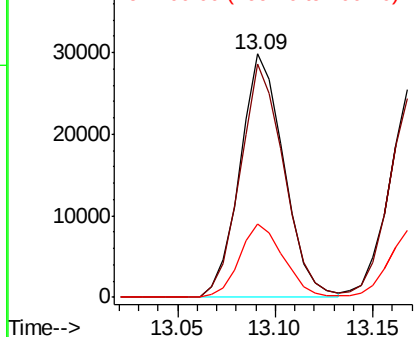


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.952 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.1	117.1
97	38.6	33.2	49.8
132	20.3	18.2	27.4

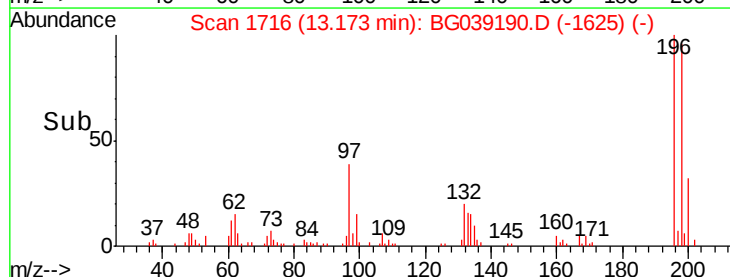
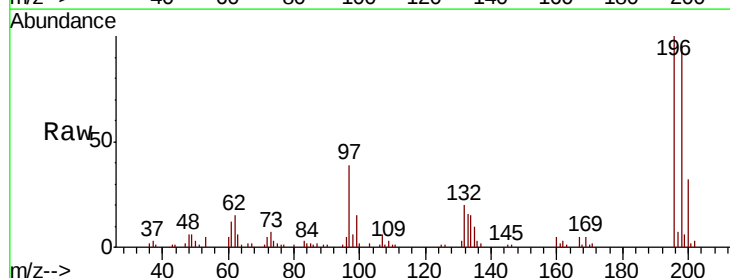
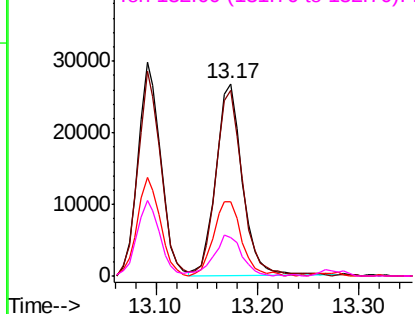
Abundance

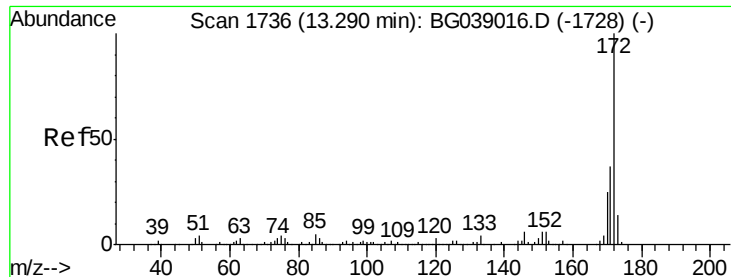
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





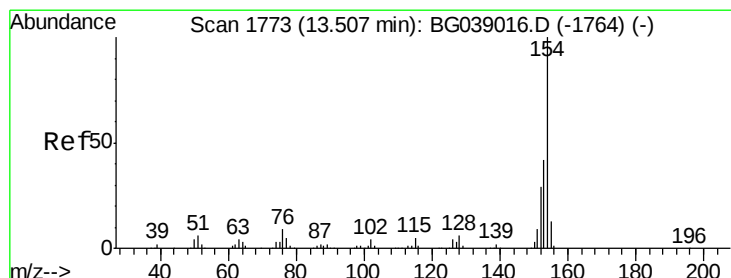
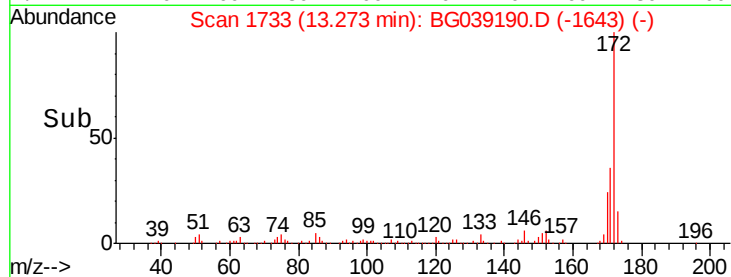
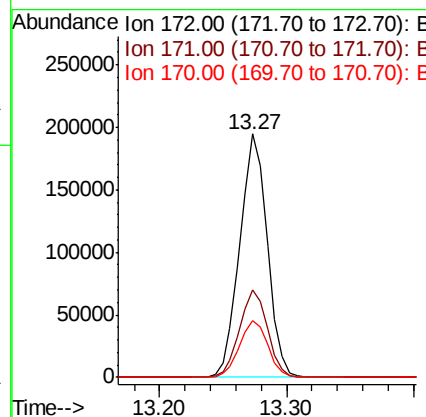
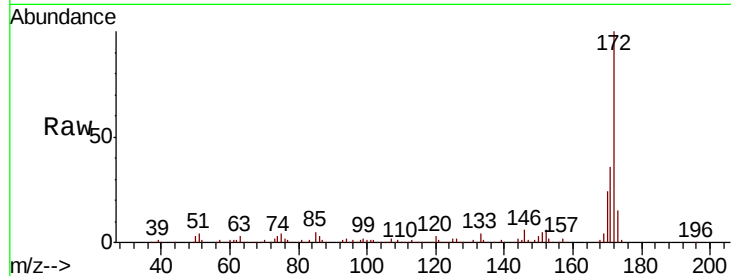
#45
2-Fluorobiphenyl
Concen: 72.048 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116427BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.5	20.1	30.1

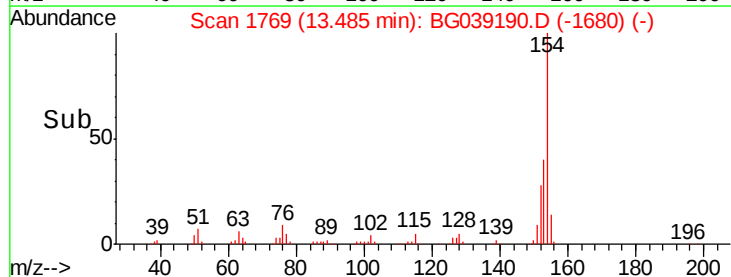
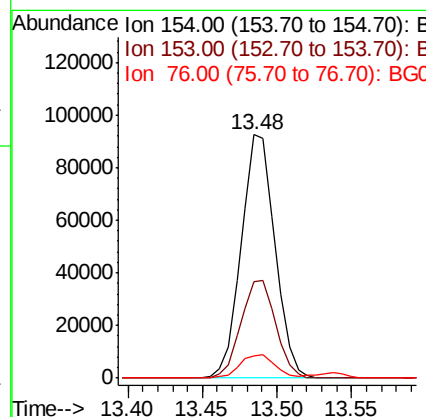
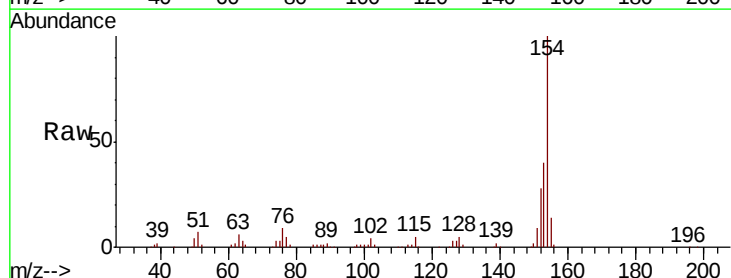
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#46
1,1'-Biphenyl
Concen: 33.058 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	22.4	62.4
76	9.4	0.0	29.4





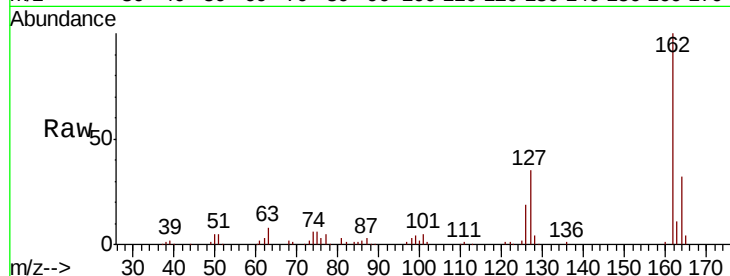
#47
2-Chloronaphthalene
Concen: 31.926 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.4	42.6
164	31.5	26.3	39.5

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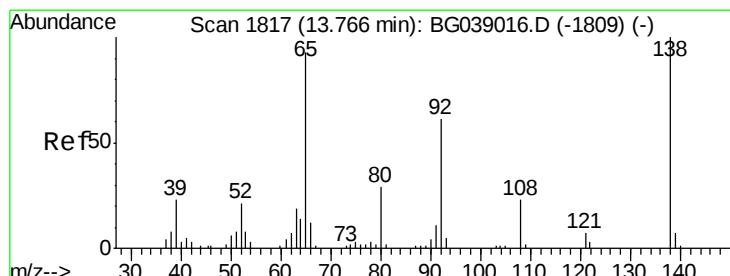
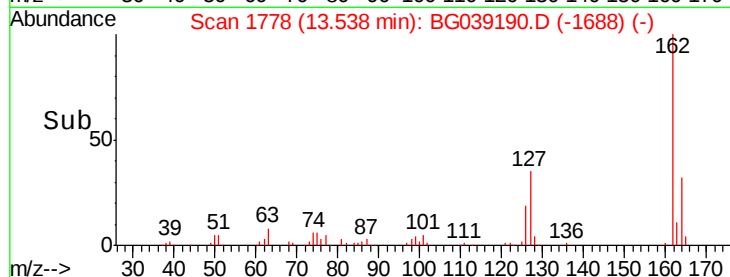
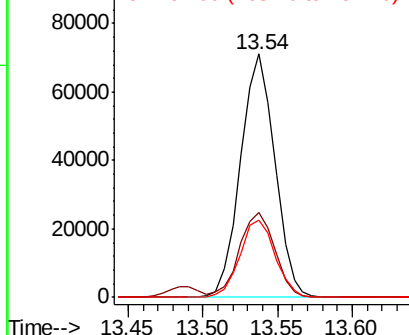


Abundance

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: 31.839 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

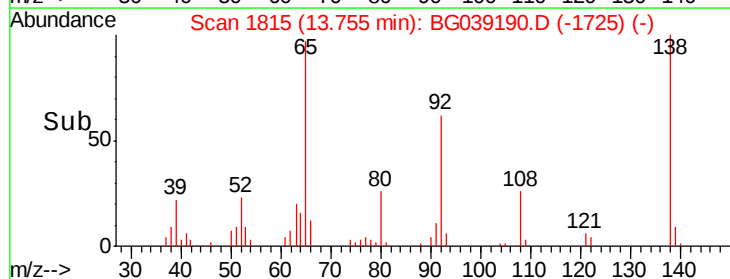
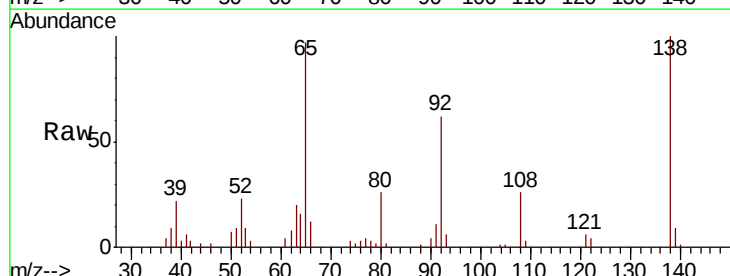
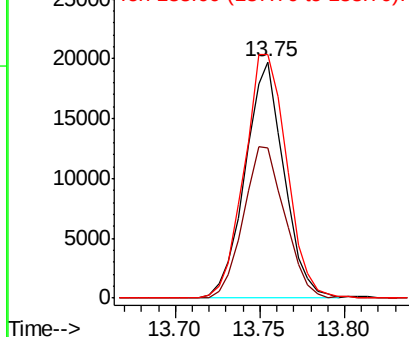
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.2	78.4
138	102.8	86.0	129.0

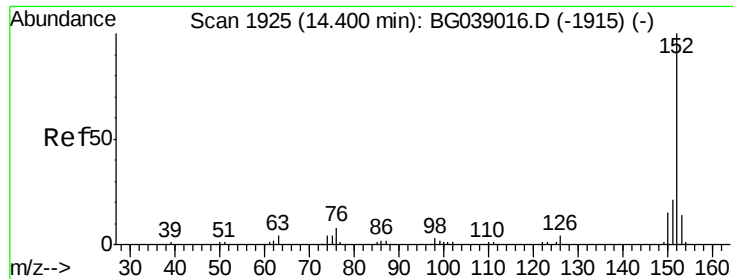
Abundance

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: 34.162 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

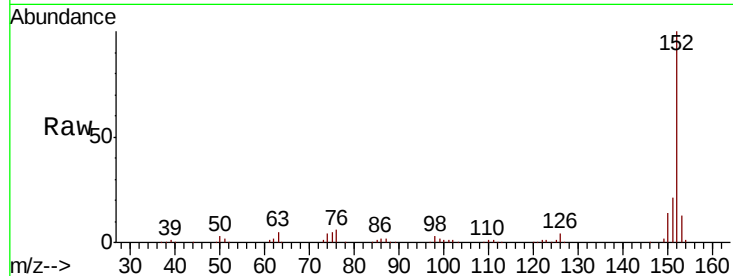
ClientSampleId :

PB116427BS

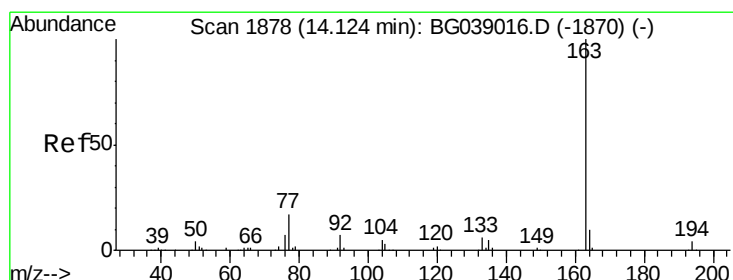
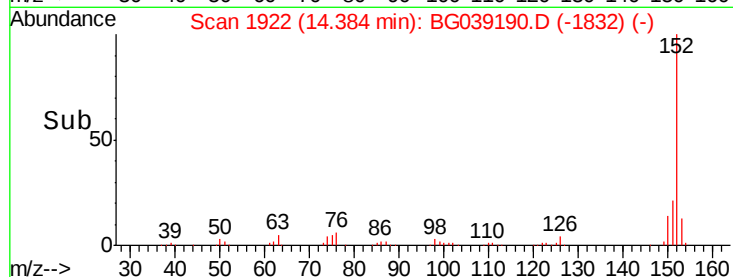
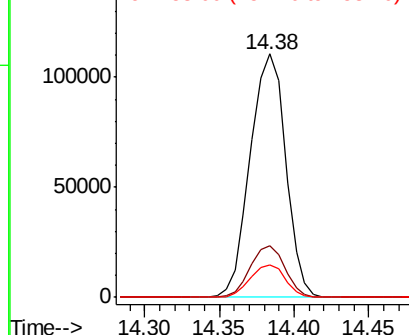
Tot Ion:	152	Resp:	182042
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.3	11.2	16.8

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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: 32.955 ng

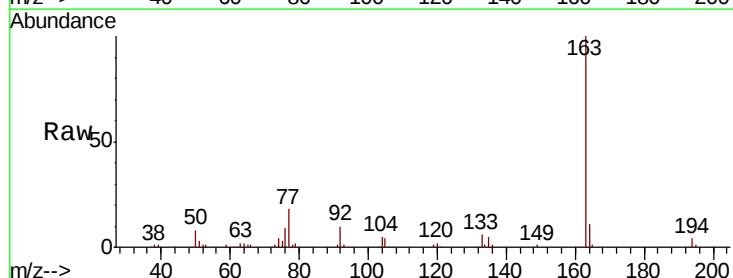
RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

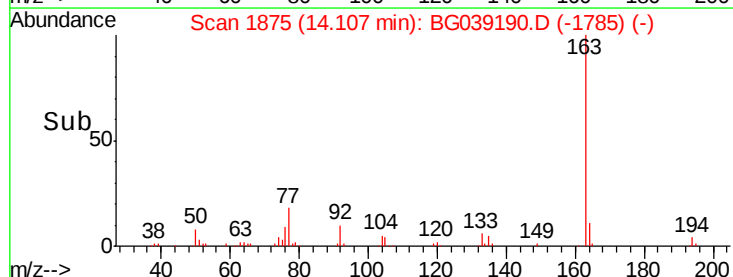
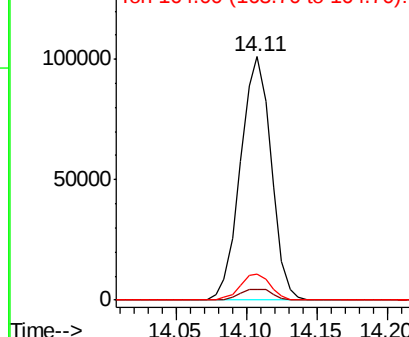
Lab File: BG039190.D

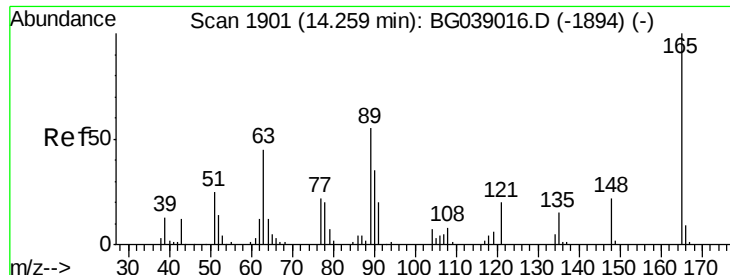
Acq: 17 Jan 2019 17:22

Tgt Ion:	163	Resp:	153976
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.7	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





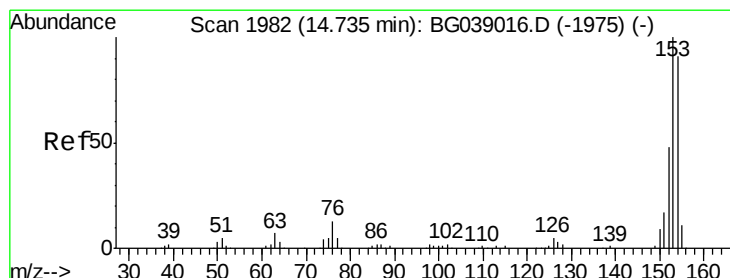
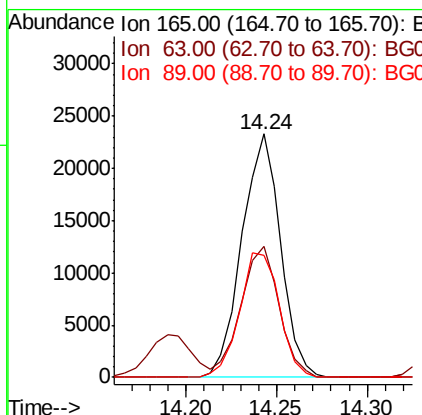
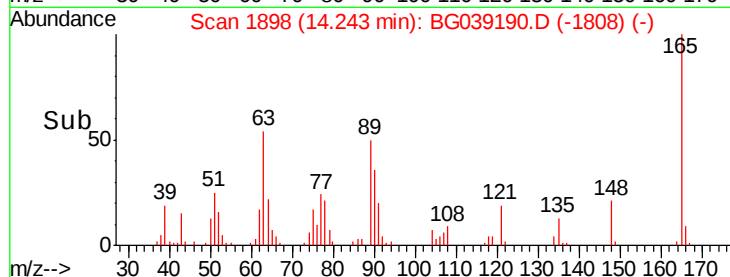
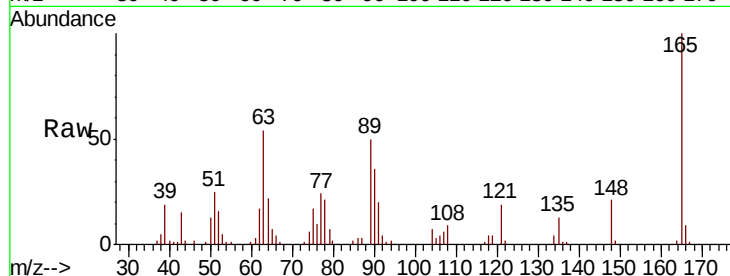
#51
 2,6-Dinitrotoluene
 Concen: 33.124 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	43.6	65.4
89	50.2	43.7	65.5

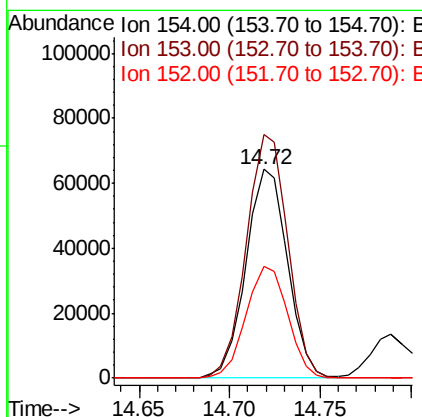
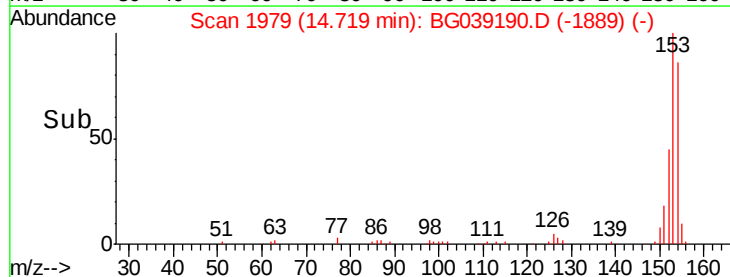
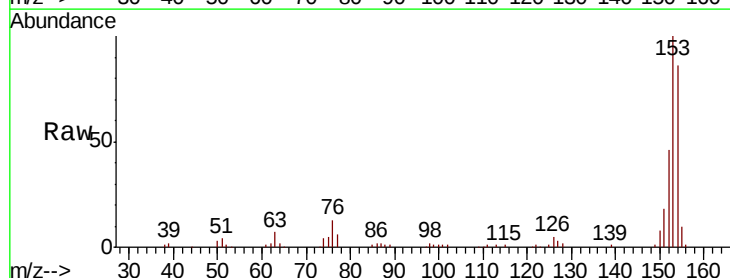
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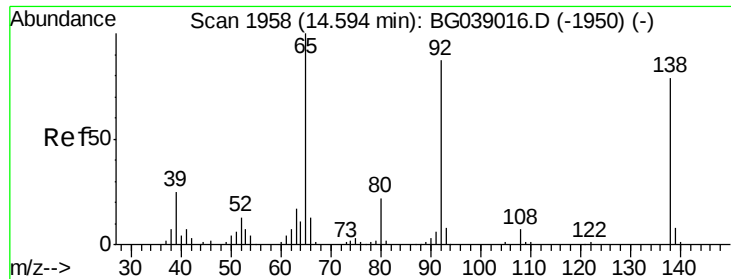
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#52
 Acenaphthene
 Concen: 32.061 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

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





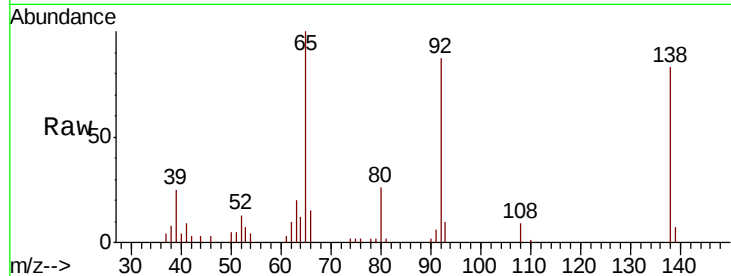
#53
3-Nitroaniline
Concen: 16.464 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.4	11.0
92	104.4	88.2	132.4

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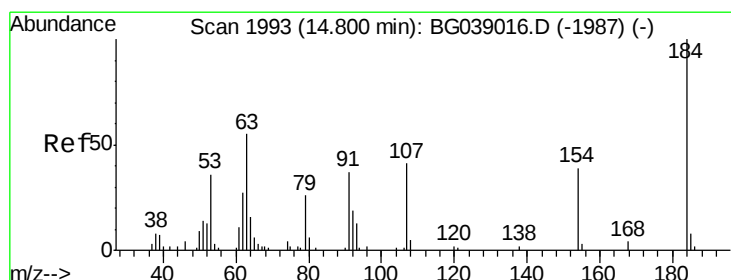
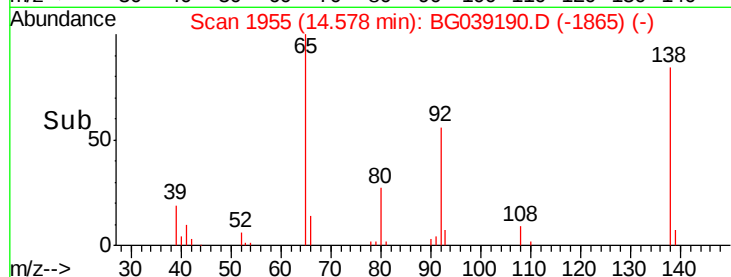
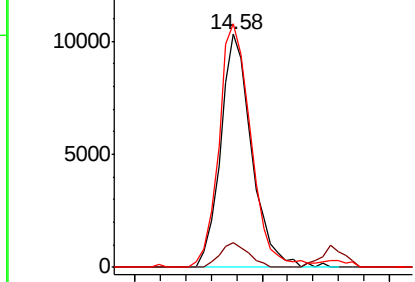


Abundance

Ion 138.00 (137.70 to 138.70): E

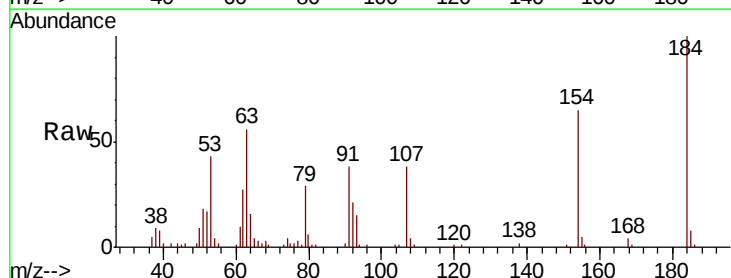
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 59.145 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	44.0	66.0
154	64.6	46.1	69.1

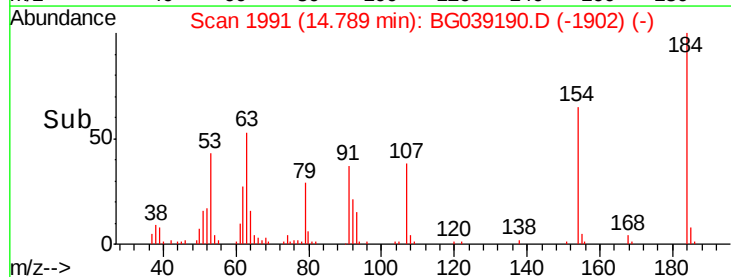
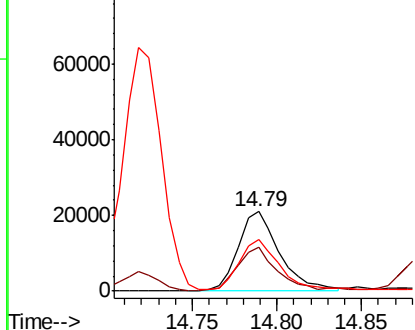


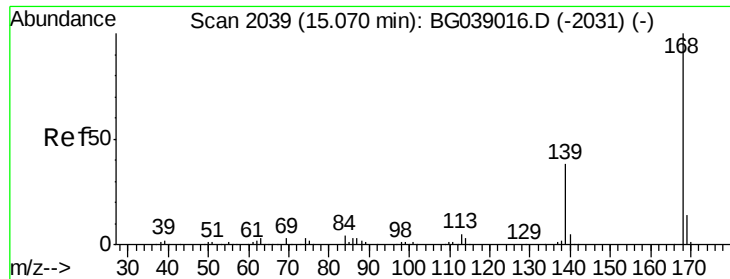
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 31.512 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

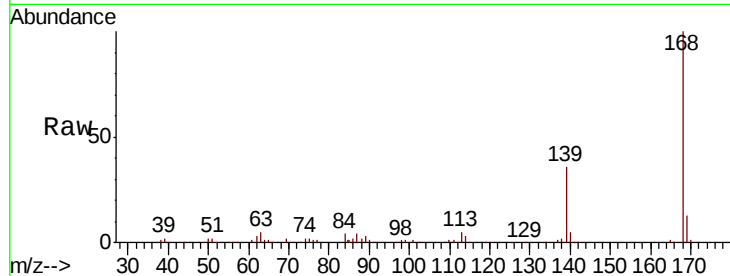
ClientSampleId :

PB116427BS

Tot Ion:	168	Resp:	178183
Ion Ratio	Lower	Upper	
168	100		
139	36.3	30.1	45.1
169	12.7	10.9	16.3

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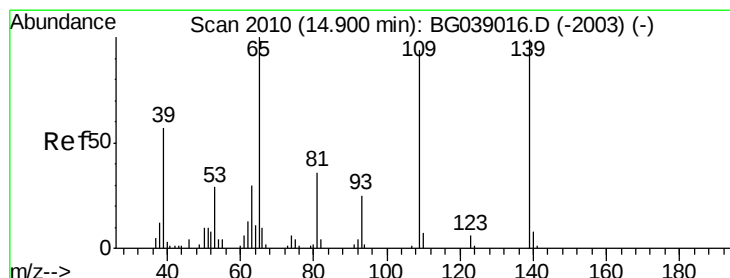
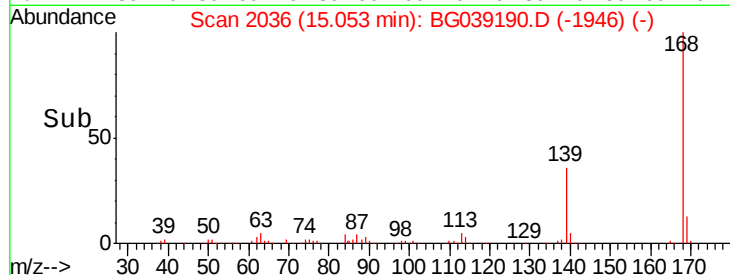
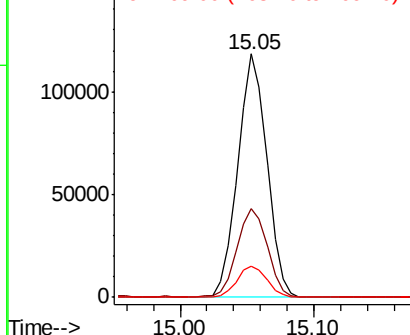


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 68.015 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

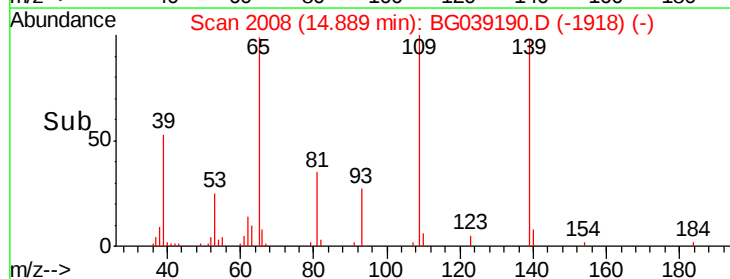
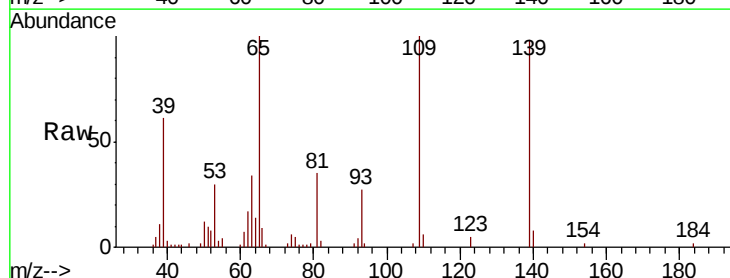
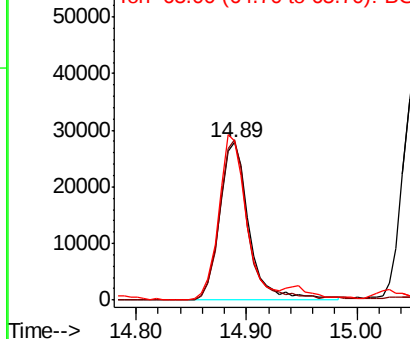
Tgt Ion:	139	Resp:	51859
Ion Ratio	Lower	Upper	
139	100		
109	101.6	75.6	115.6
65	101.3	81.2	121.2

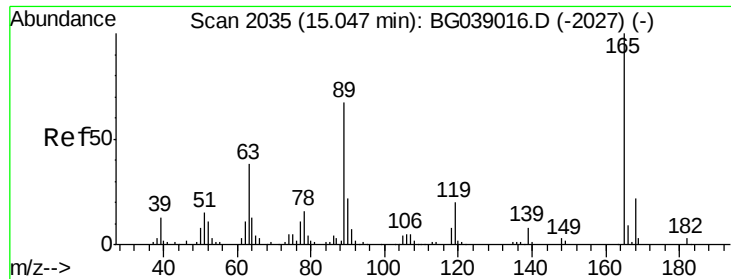
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





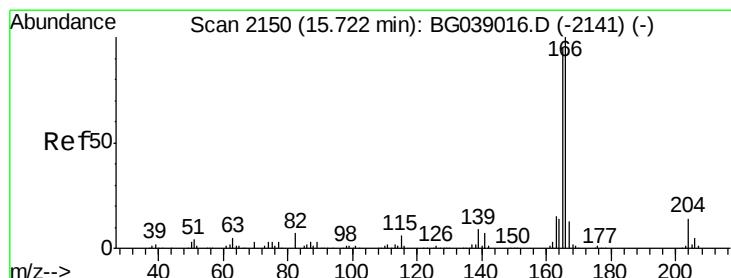
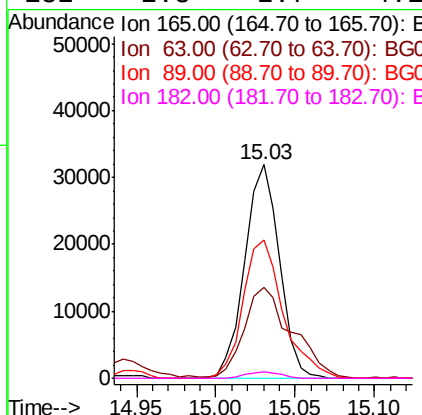
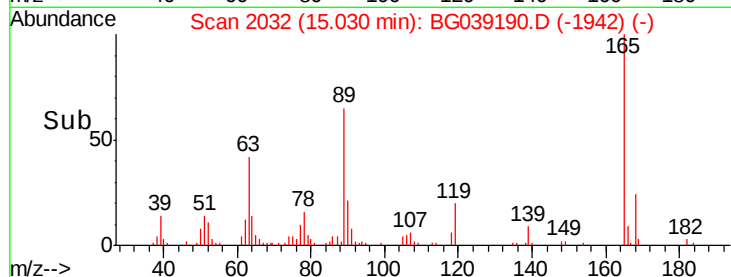
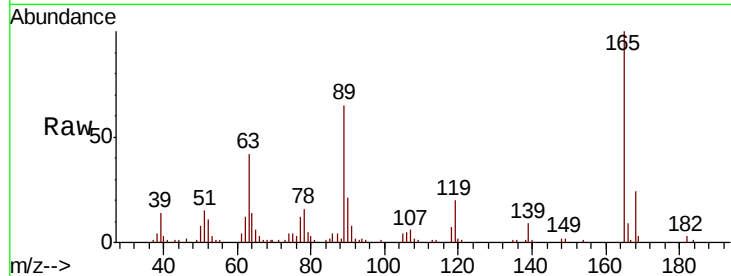
#57
2,4-Dinitrotoluene
Concen: 32.306 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		48416		
63	42.3		30.2	45.4	
89	64.8		53.2	79.8	
182	2.8		2.7	4.1	

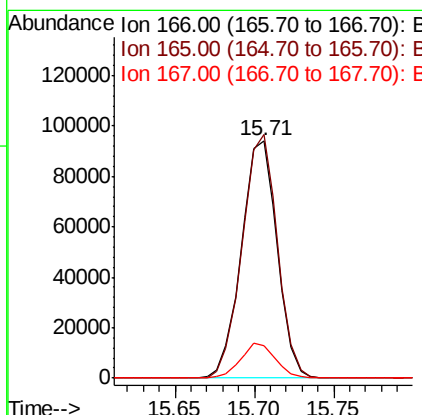
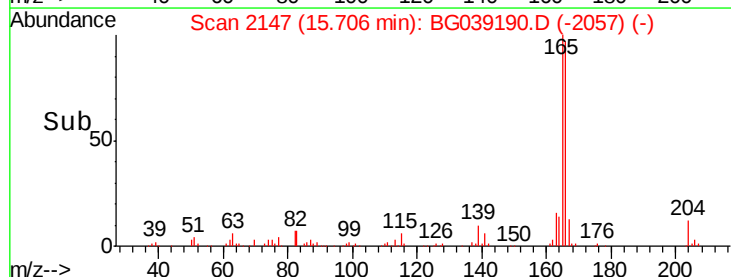
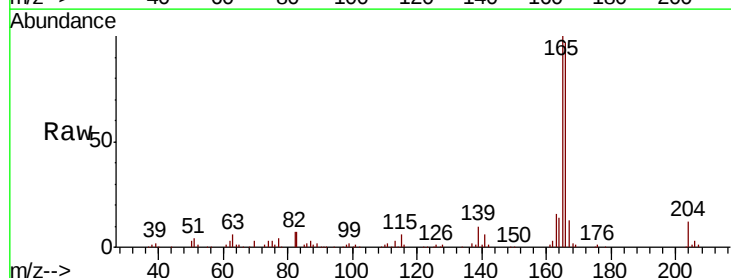
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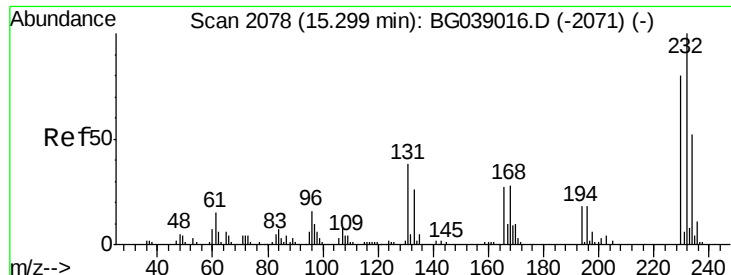
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#58
Fluorene
Concen: 34.489 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		146794		
165	102.6		76.2	114.2	
167	13.7		10.6	16.0	





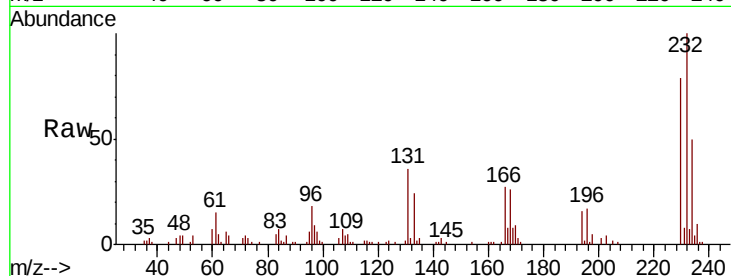
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.254 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion:	232	Resp:	44662
Ion Ratio	Lower	Upper	
232	100		
131	37.9	30.9	46.3
130	2.1	1.9	2.9
166	28.7	22.1	33.1

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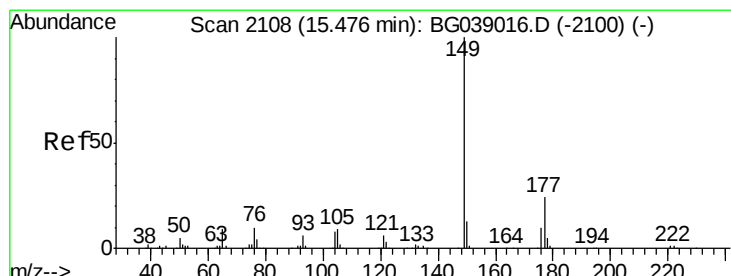
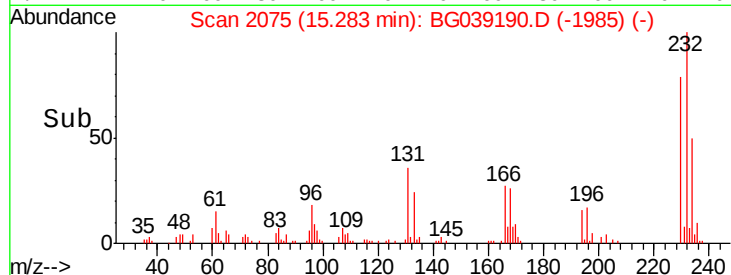
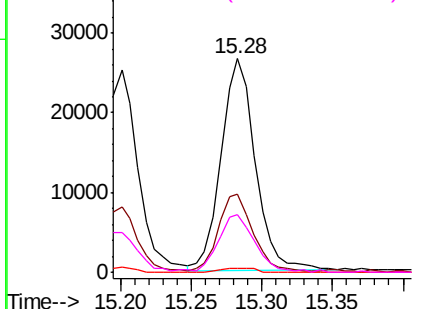
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

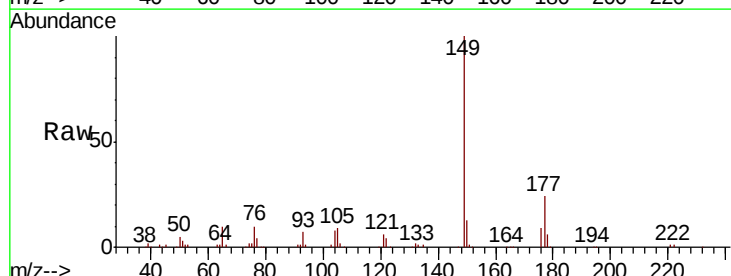
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 31.667 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion:	149	Resp:	152441
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.0	28.6
150	13.3	10.2	15.4

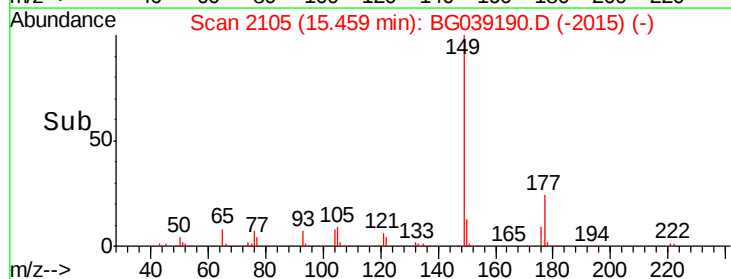
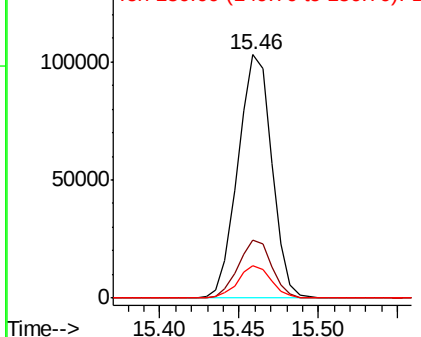


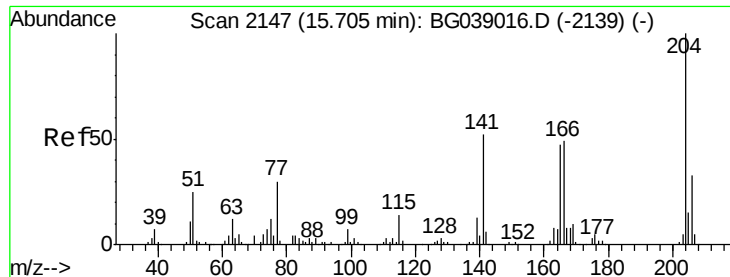
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





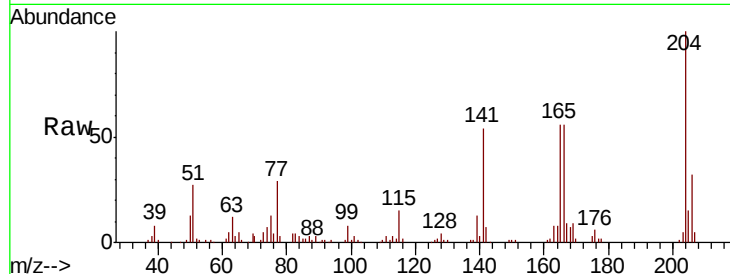
#61
4-Chlorophenyl-phenylether
Concen: 31.144 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	54.1	41.4	62.0

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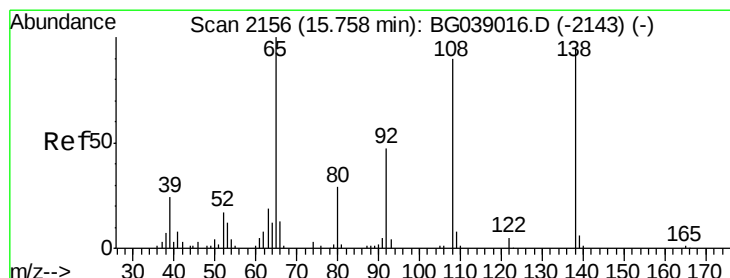
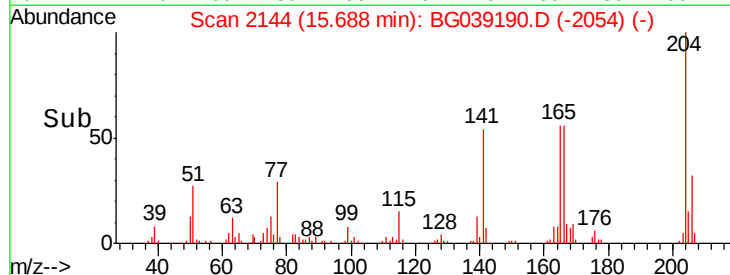
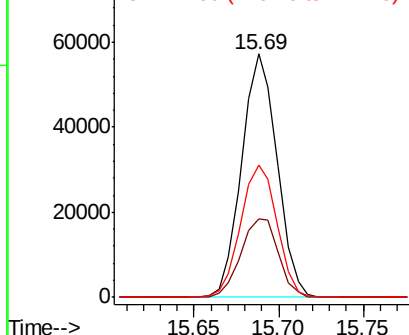


Abundance

Ion 204.00 (203.70 to 204.70): E

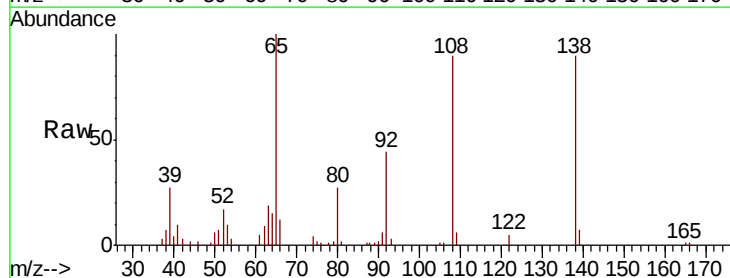
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.872 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.7	69.7
108	100.1	75.7	115.7

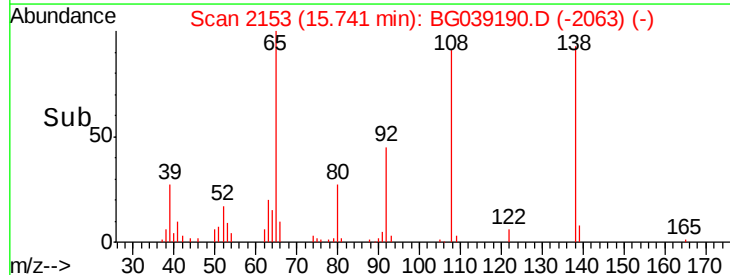
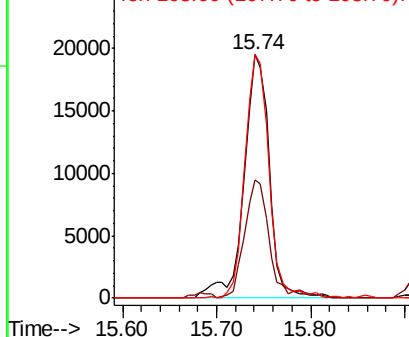


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





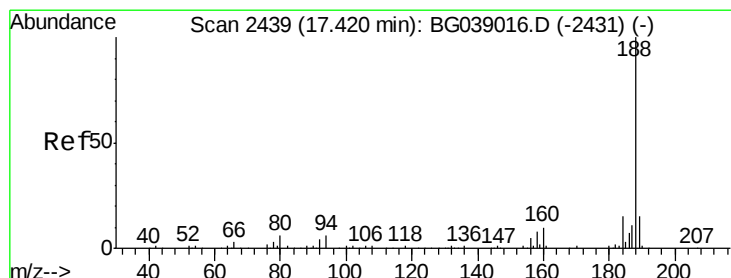
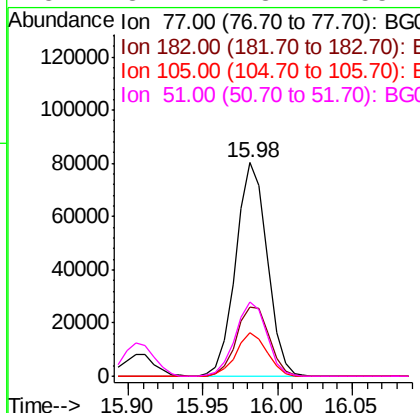
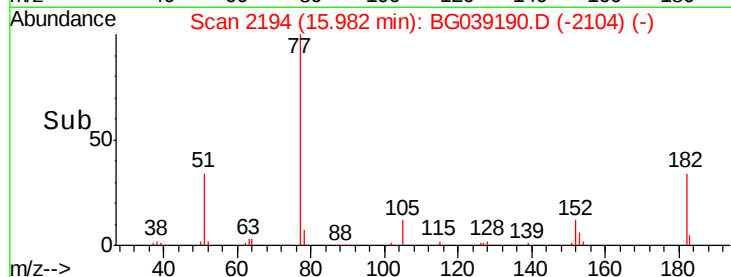
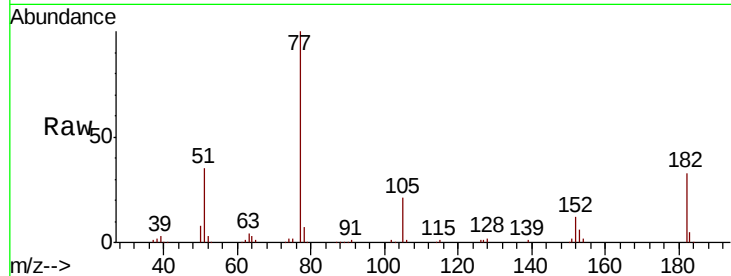
#63
Azobenzene
Concen: 31.273 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.5	12.2	52.2
105	20.6	1.2	41.2
51	34.7	13.4	53.4

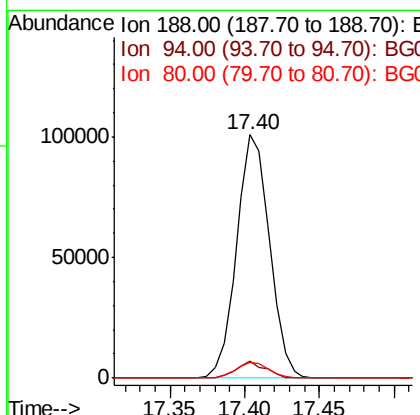
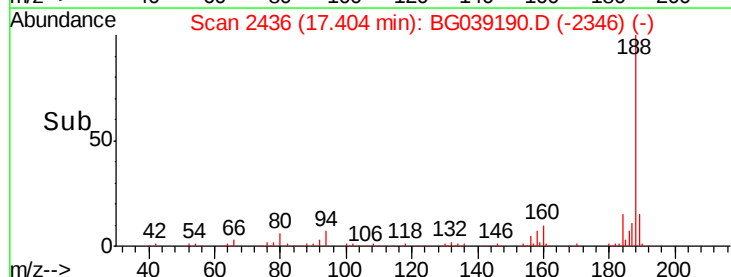
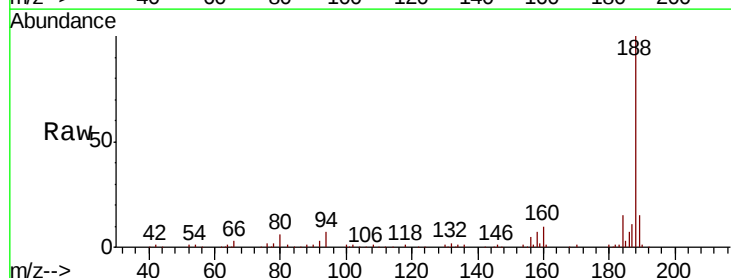
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.0	7.4
80	6.3	4.7	7.1





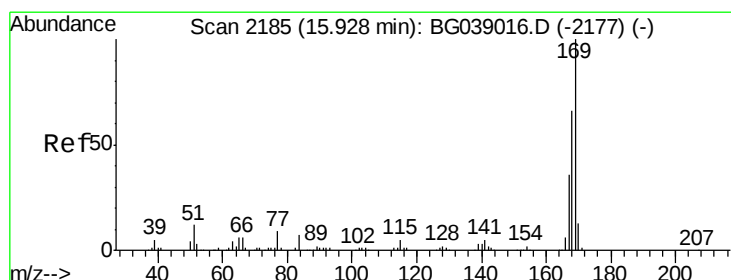
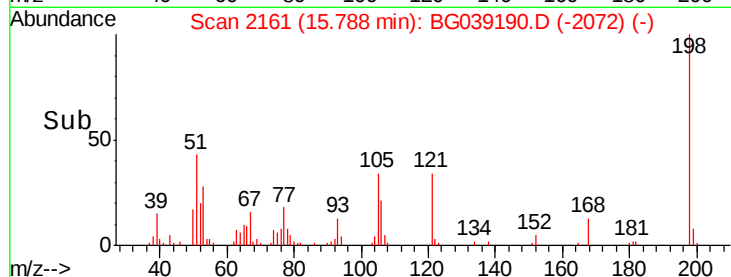
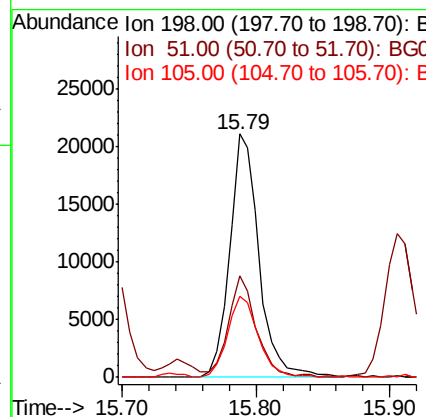
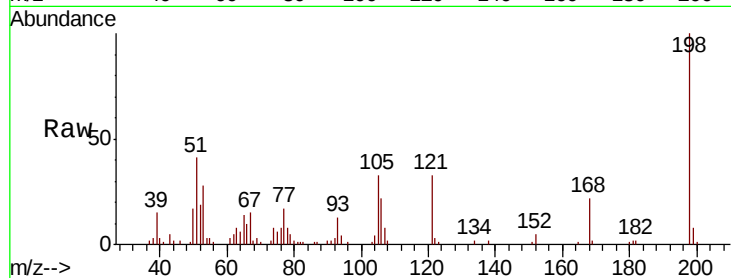
#65
4,6-Dinitro-2-methylphenol
Concen: 28.363 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	32421		
51	41.5	20.8	60.8	
105	33.3	16.1	56.1	

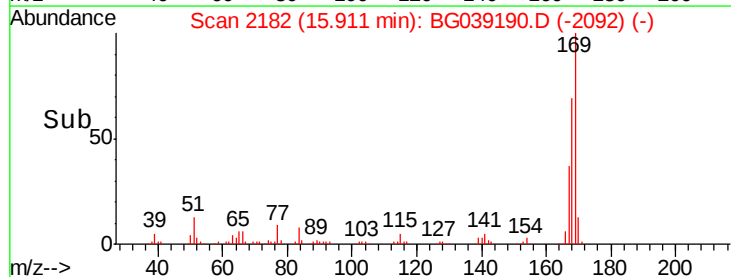
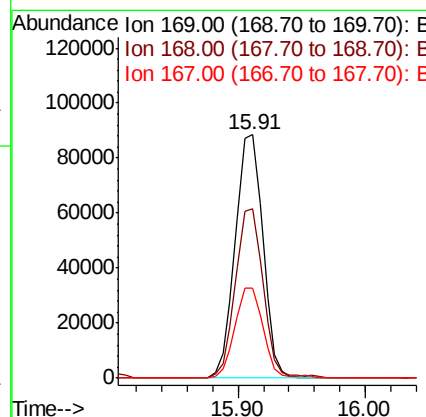
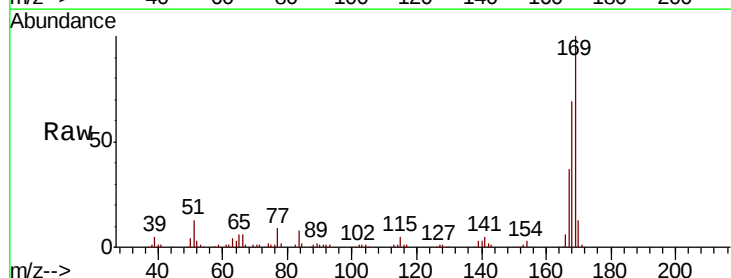
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#66
n-Nitrosodiphenylamine
Concen: 29.119 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	133188		
168	69.3	53.2	79.8	
167	36.8	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 28.555 ng

RT: 16.59 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

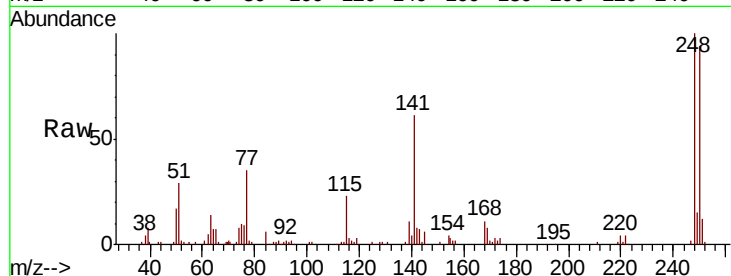
ClientSampled :

PB116427BS

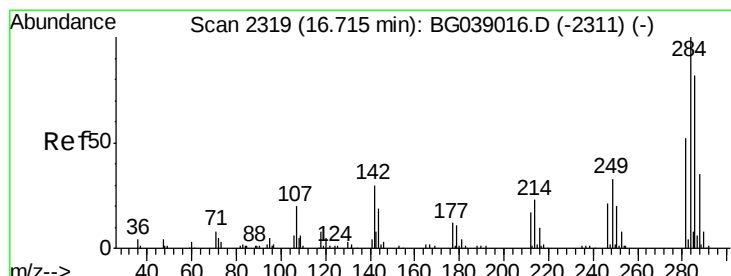
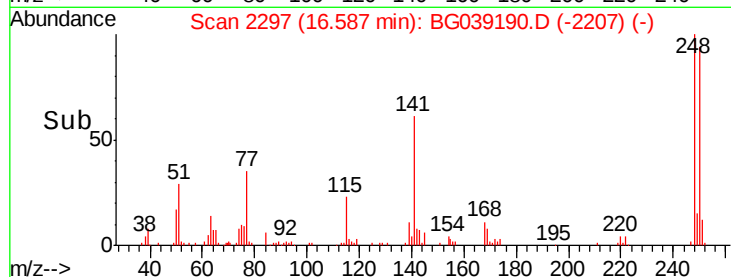
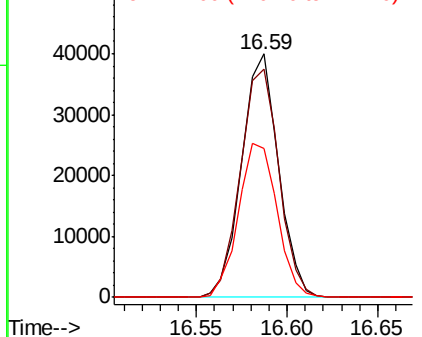
Tot Ion:	248	Resp:	56634
Ion Ratio	Lower	Upper	
248	100		
250	93.5	79.9	119.9
141	61.0	52.7	79.1

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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: 28.185 ng

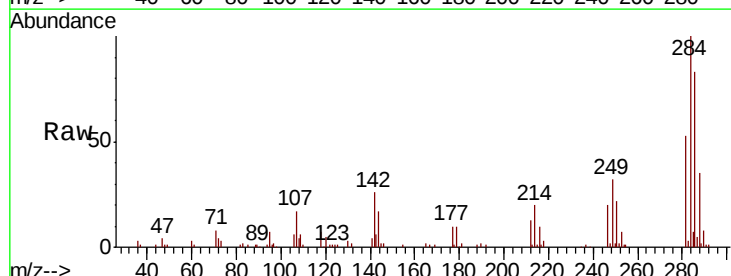
RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

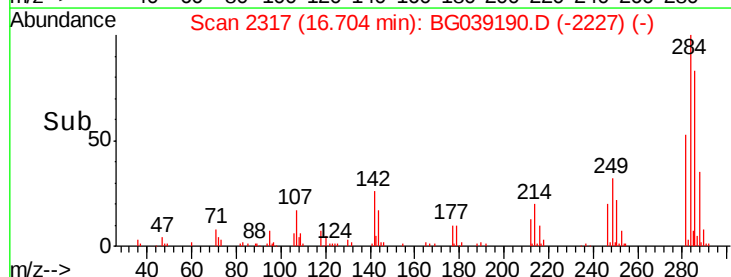
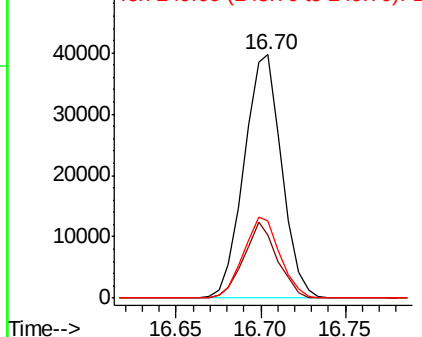
Lab File: BG039190.D

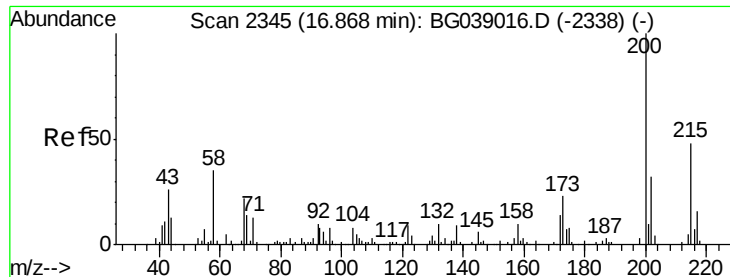
Acq: 17 Jan 2019 17:22

Tgt Ion:	284	Resp:	60997
Ion Ratio	Lower	Upper	
284	100		
142	25.7	24.3	36.5
249	34.2	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





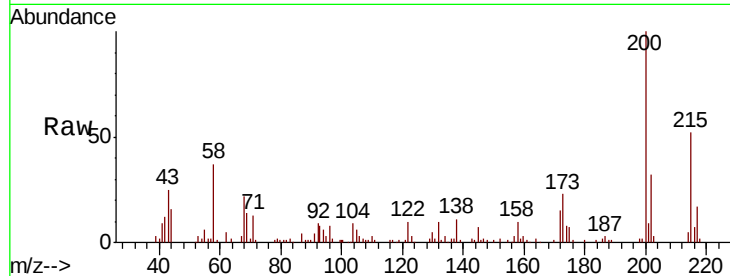
#69
 Atrazine
 Concen: 30.735 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	2.6	42.6
215	52.3	28.0	68.0

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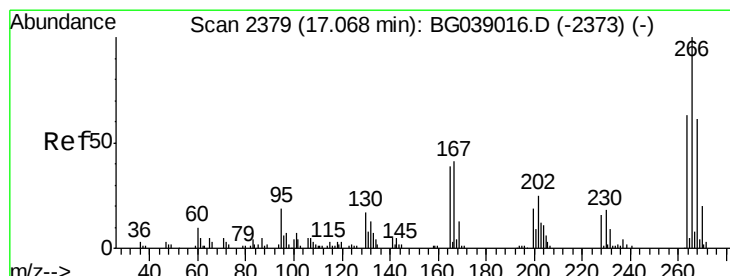
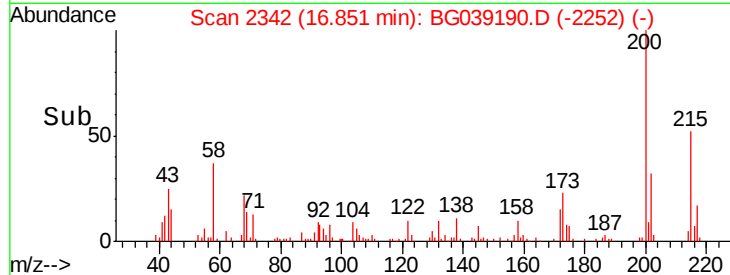
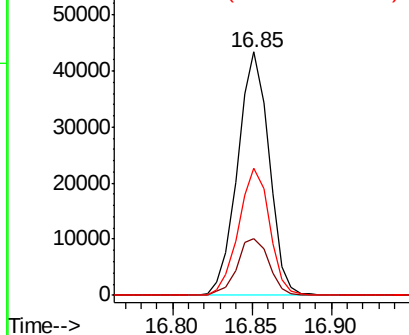


Abundance

Ion 200.00 (199.70 to 200.70): E

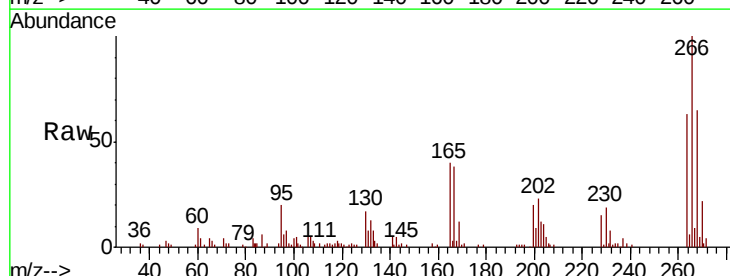
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 56.697 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.6	52.0	78.0
264	68.7	54.6	81.8

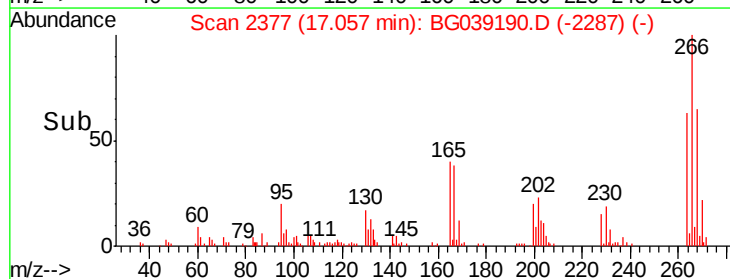
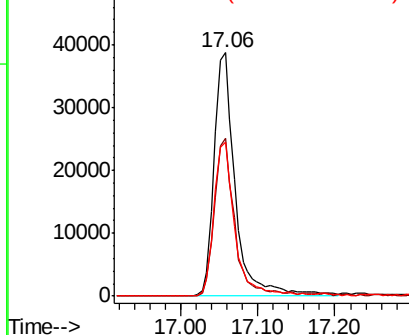


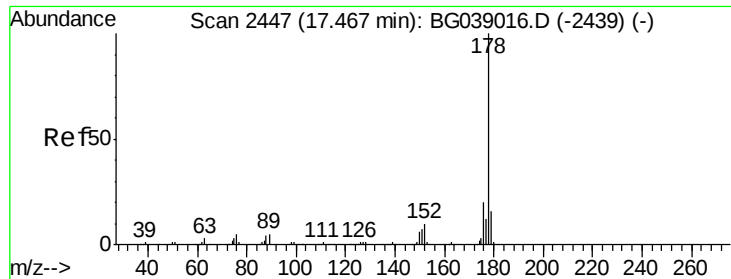
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





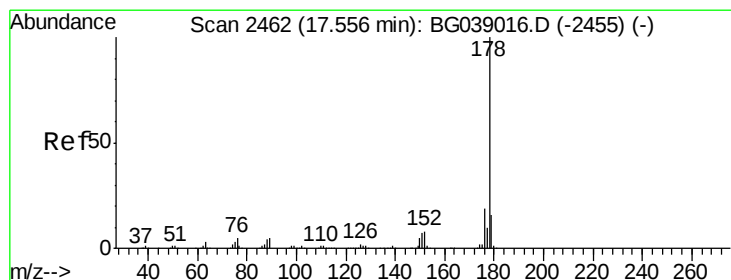
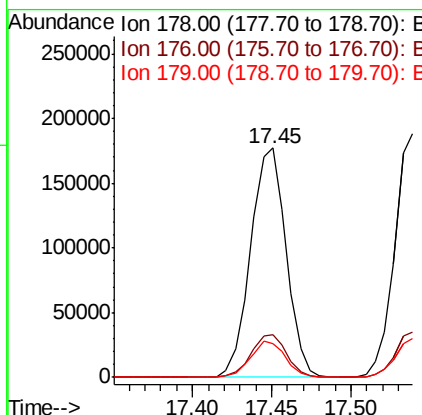
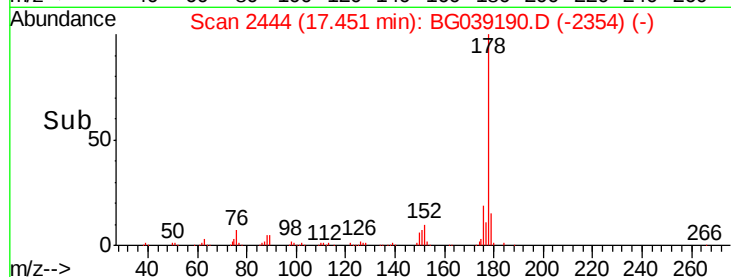
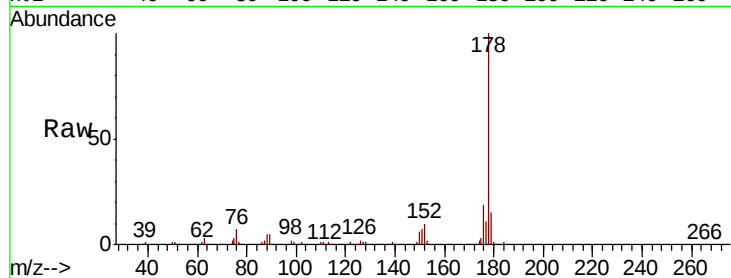
#71
Phenanthrene
Concen: 33.892 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116427BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.0	12.9	19.3

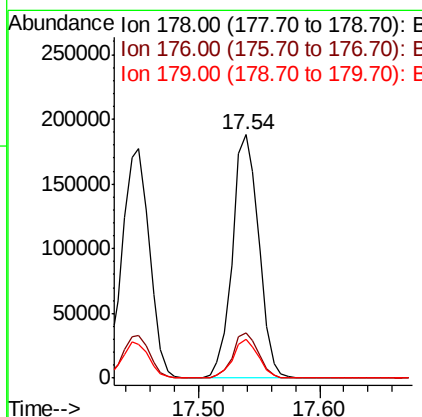
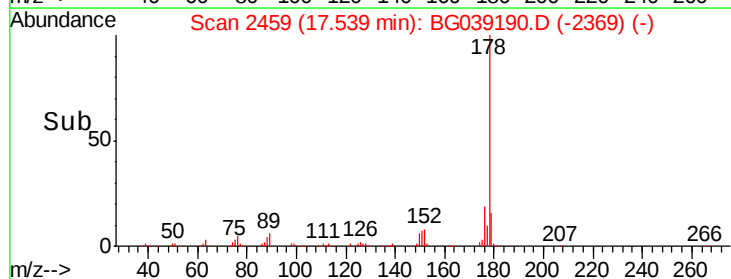
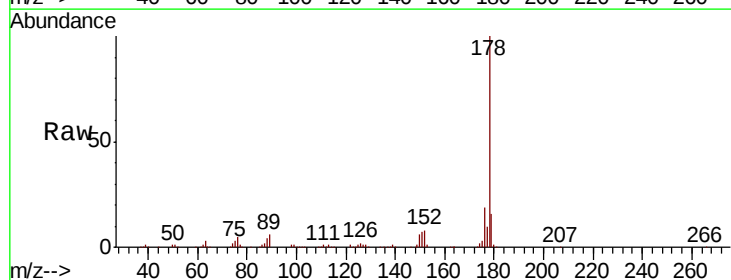
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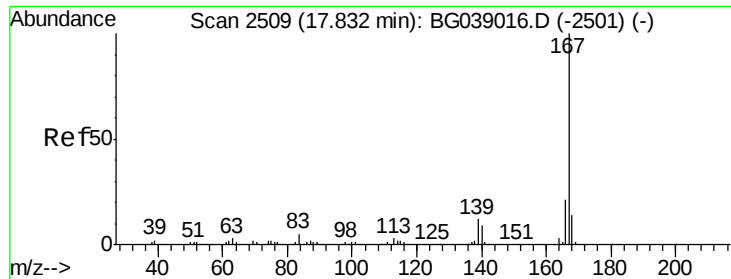
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#72
Anthracene
Concen: 35.596 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.8	13.0	19.4





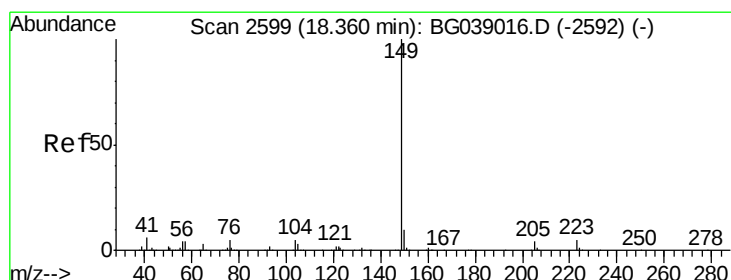
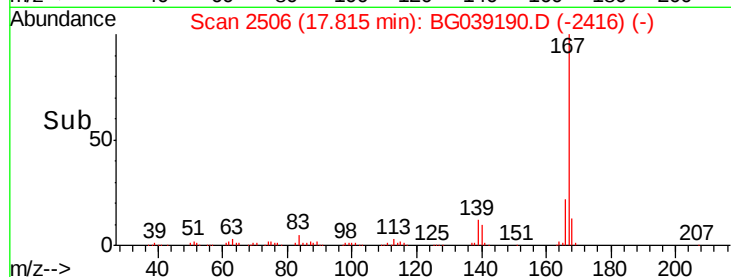
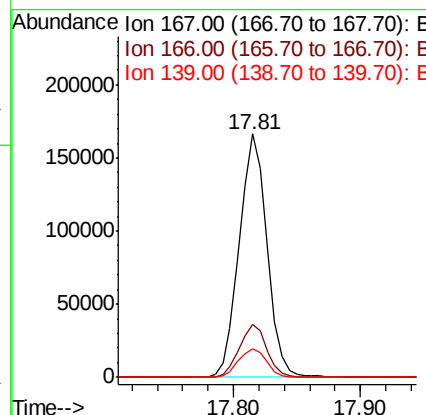
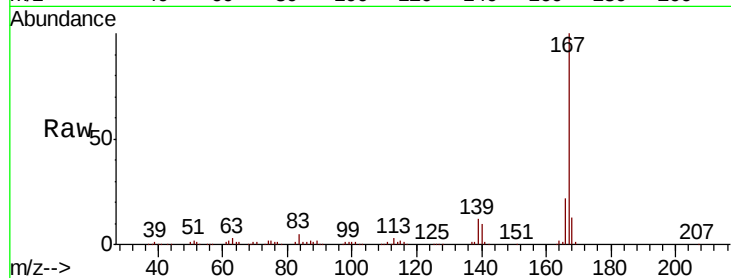
#73
 Carbazole
 Concen: 31.564 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	11.9	10.0	15.0

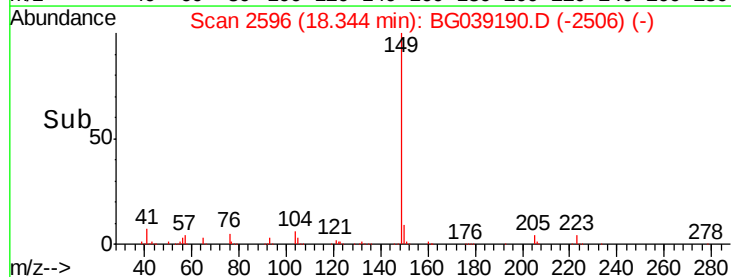
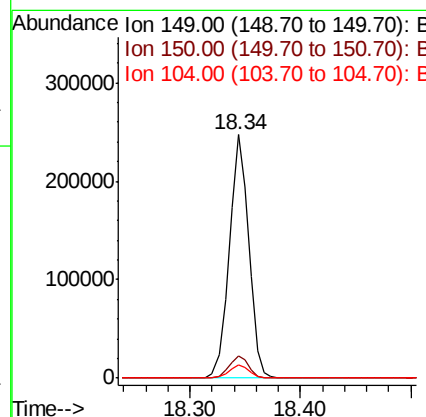
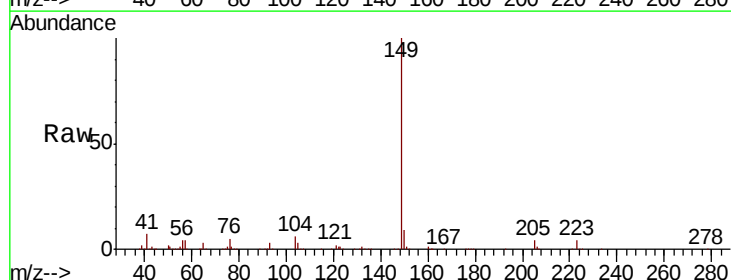
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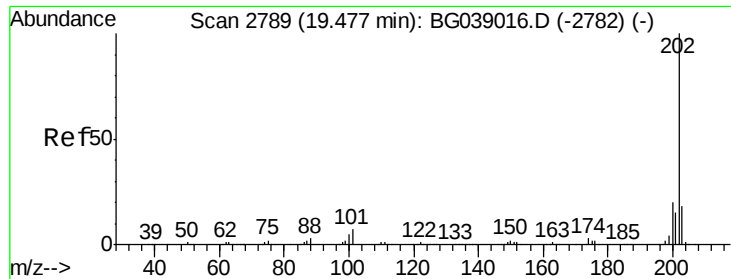
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#74
 Di-n-butylphthalate
 Concen: 34.442 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.7	4.2	6.2





#75

Fluoranthene

Concen: 36.086 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.01 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

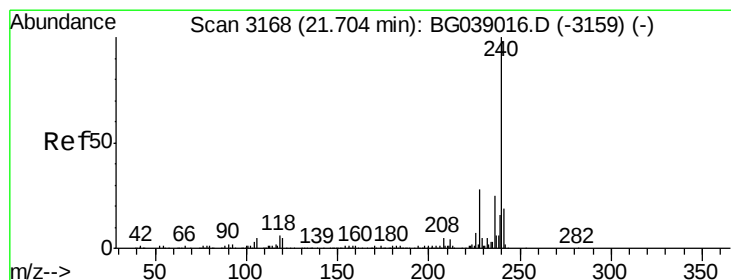
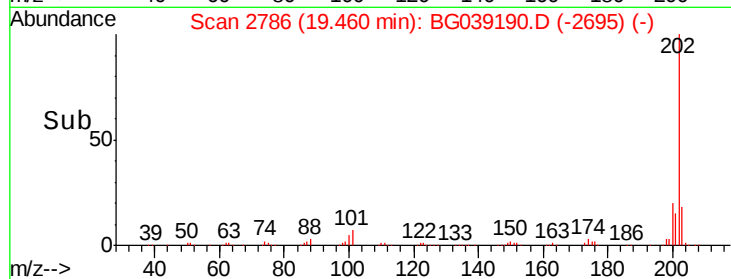
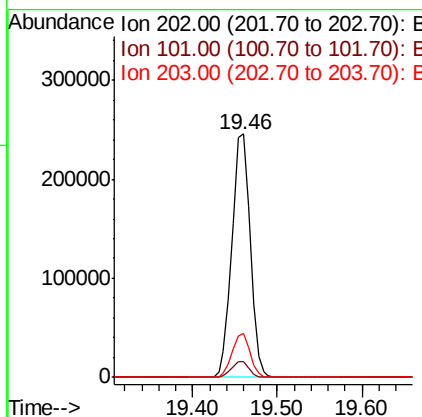
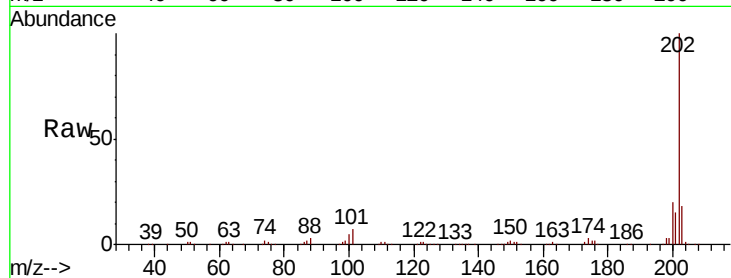
ClientSampleId :

PB116427BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	26.9
203	18.1	0.0	38.1

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#76

Chrysene-d12

Concen: 20.000 ng

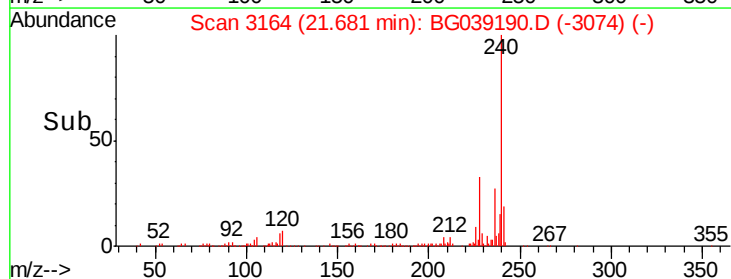
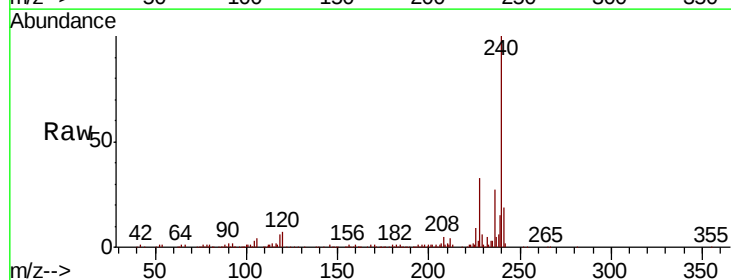
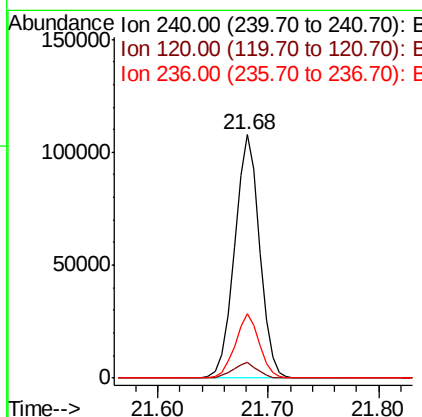
RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.6	4.3	6.5#
236	26.6	20.1	30.1





#77

Benzidine

Concen: 16.255 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

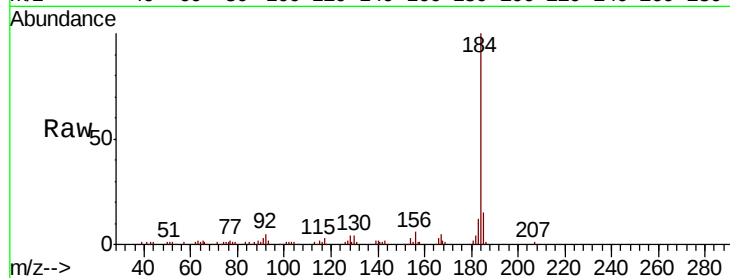
ClientSampleId :

PB116427BS

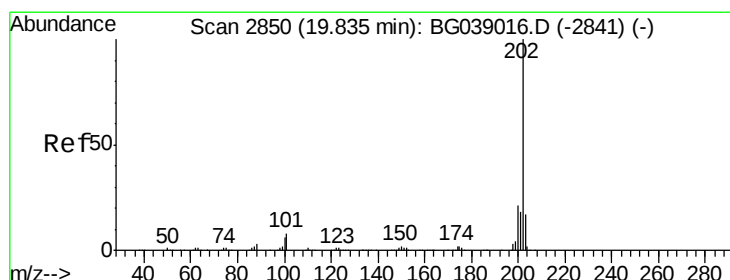
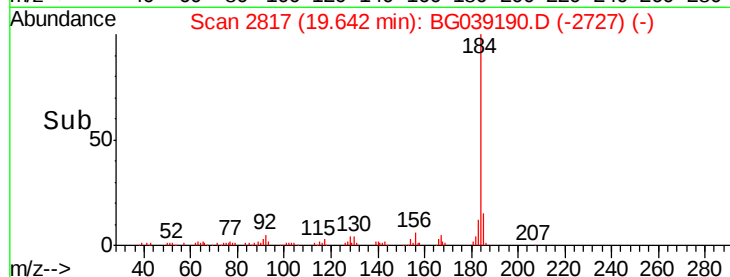
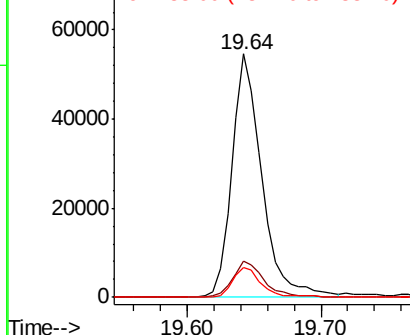
Tot Ion:	184	Resp:	85109
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.1	18.1
183	12.1	9.5	14.3

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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: 33.498 ng

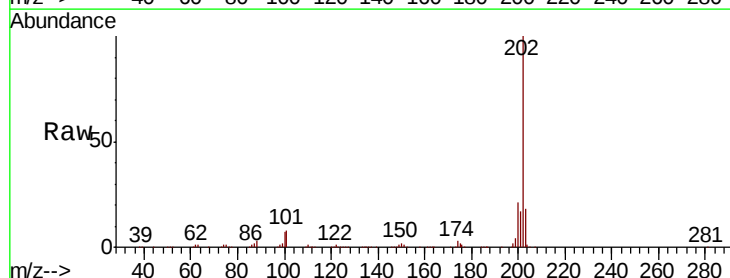
RT: 19.82 min Scan# 2847

Delta R.T. -0.00 min

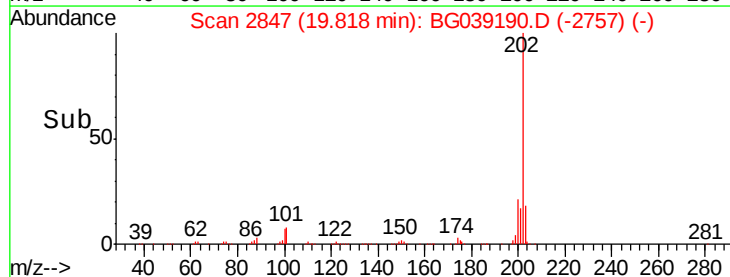
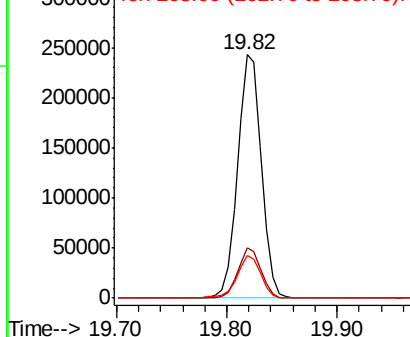
Lab File: BG039190.D

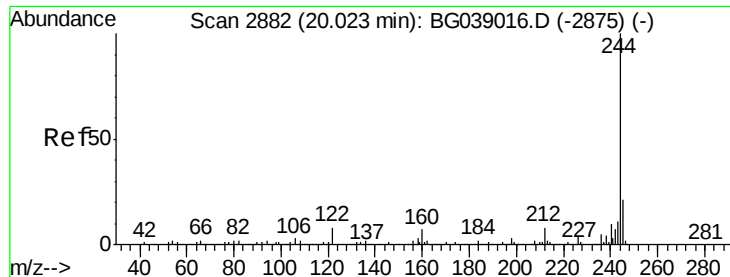
Acq: 17 Jan 2019 17:22

Tgt Ion:	202	Resp:	365431
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.6	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: 65.491 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

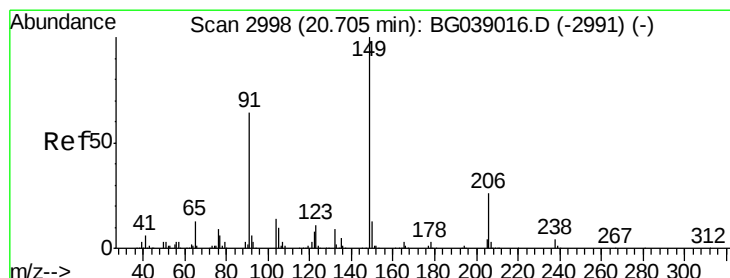
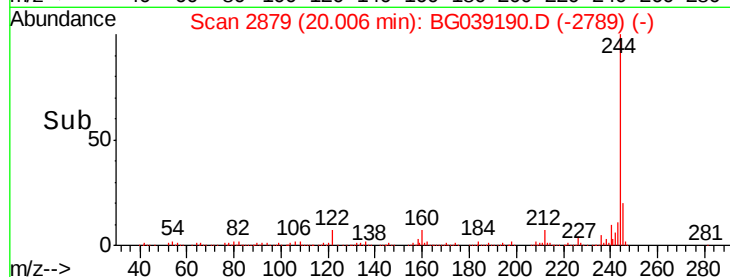
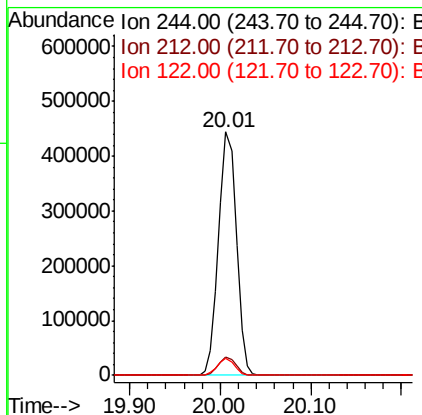
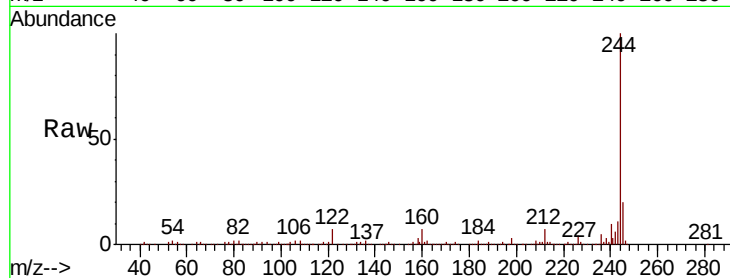
ClientSampleId :

PB116427BS

Tot Ion:	244	Resp:	606025
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.8	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 32.566 ng

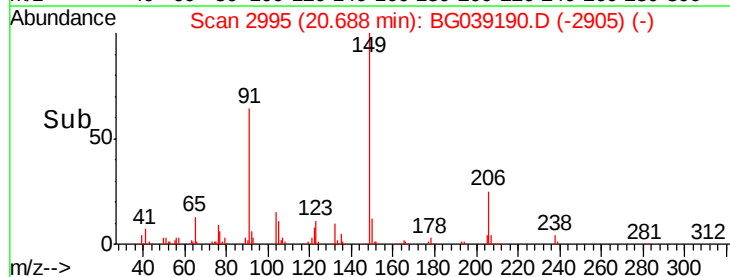
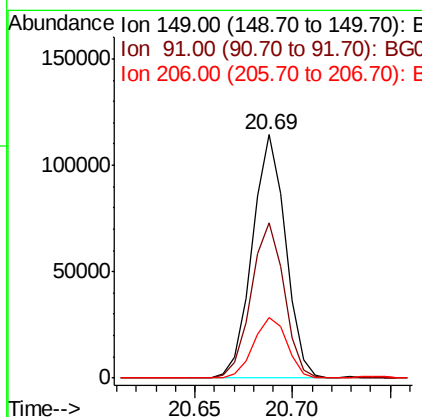
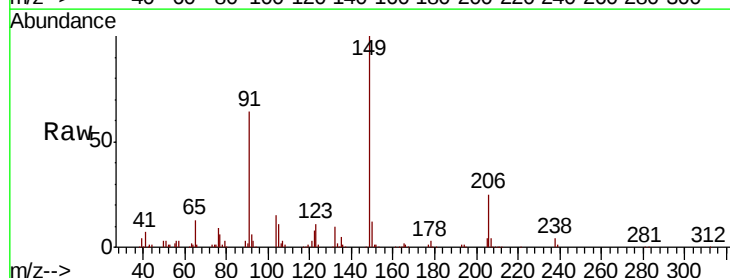
RT: 20.69 min Scan# 2995

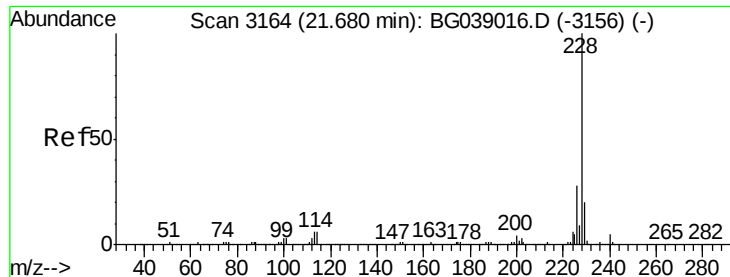
Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	149	Resp:	135121
Ion Ratio		Lower	Upper
149	100		
91	63.8	51.4	77.0
206	25.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 34.857 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

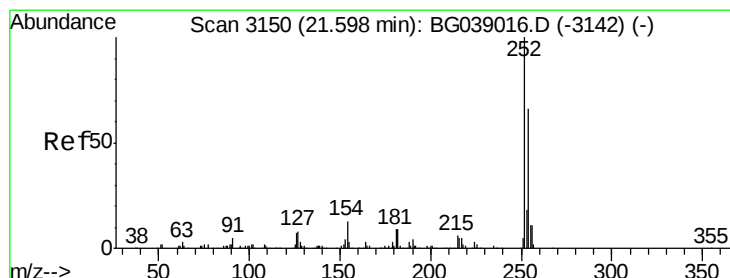
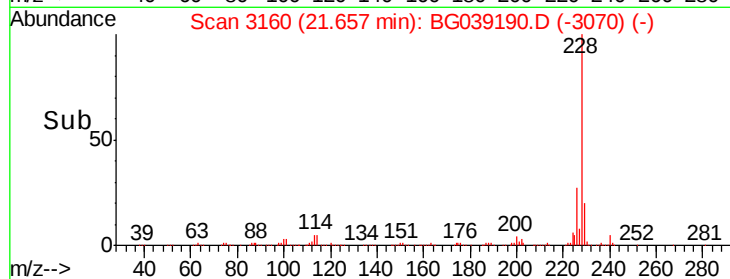
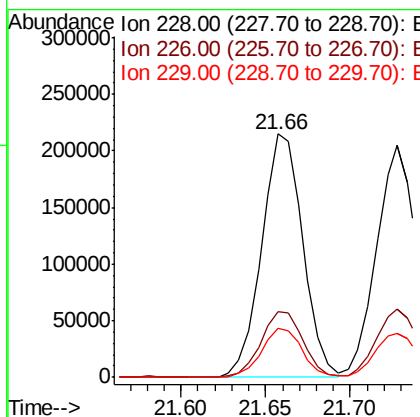
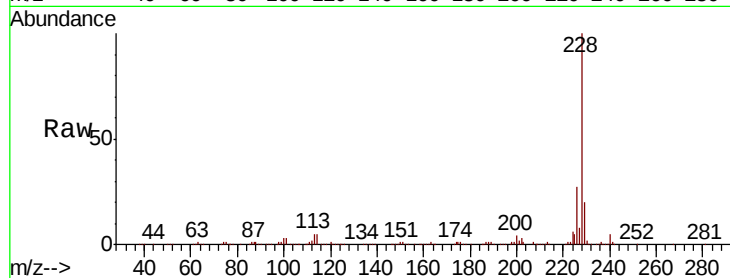
ClientSampleId :

PB116427BS

Tot Ion:	228	Resp:	363234
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	20.2	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 18.354 ng

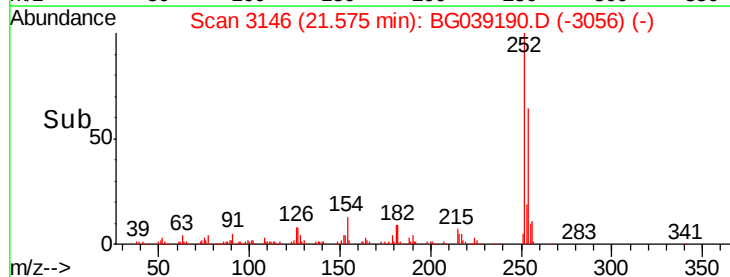
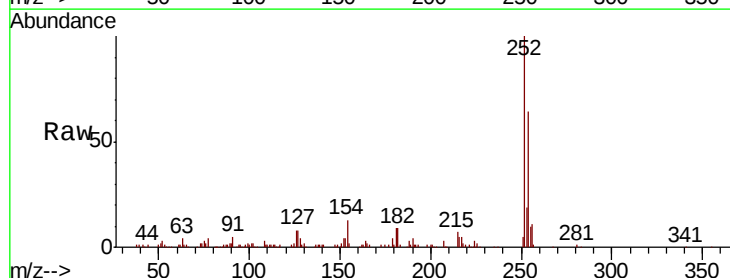
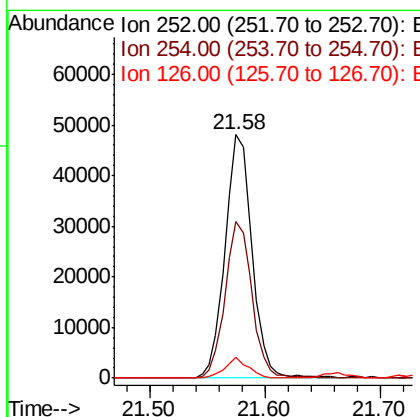
RT: 21.58 min Scan# 3146

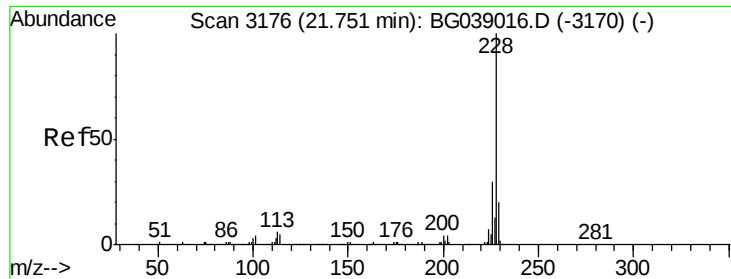
Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	252	Resp:	77929
Ion Ratio	Lower	Upper	
252	100		
254	64.1	53.0	79.6
126	8.5	6.0	9.0





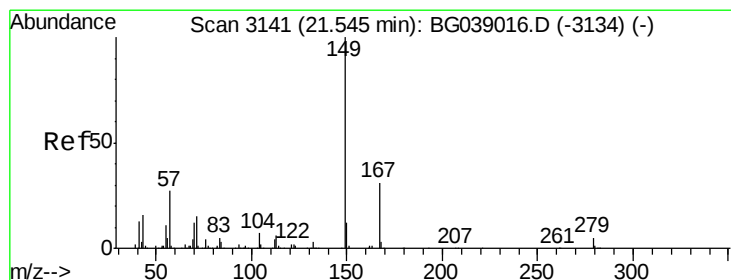
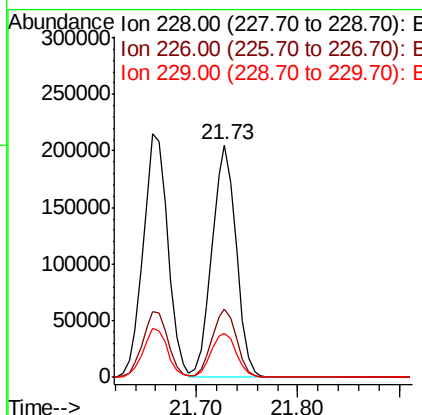
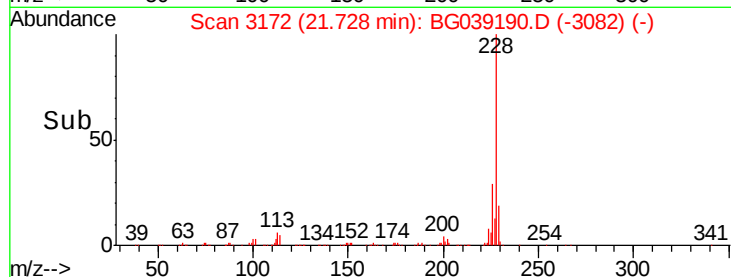
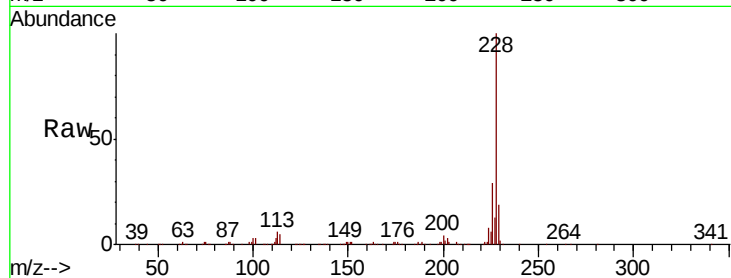
#83
 Chrvsene
 Concen: 34.102 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB116427BS

Tot Ion:	228	Resp:	337980
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.1	36.1
229	19.2	16.0	24.0

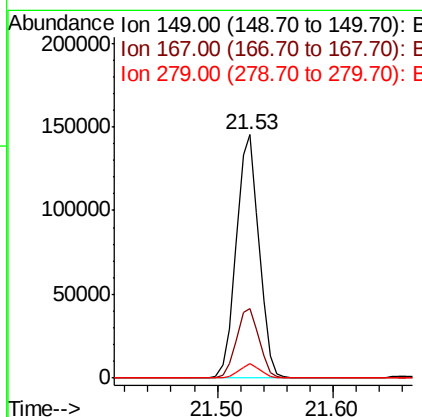
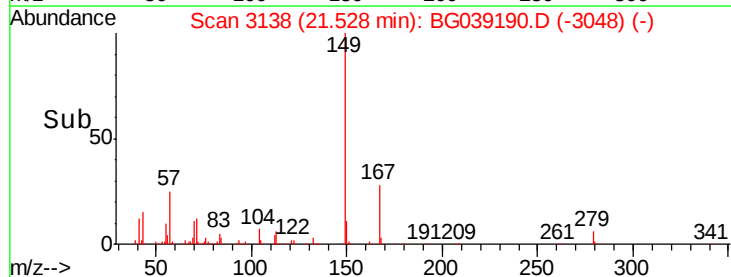
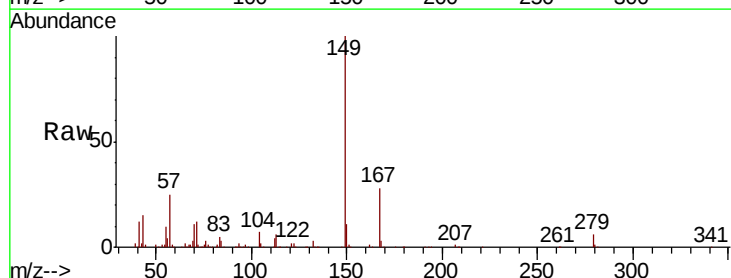
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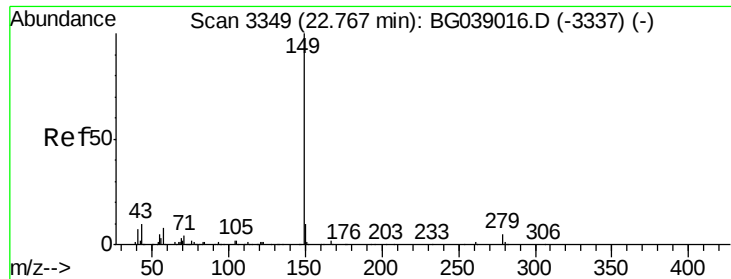
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.138 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG039190.D
 Acq: 17 Jan 2019 17:22

Tgt Ion:	149	Resp:	196673
Ion Ratio	Lower	Upper	
149	100		
167	28.4	25.0	37.4
279	5.8	4.3	6.5





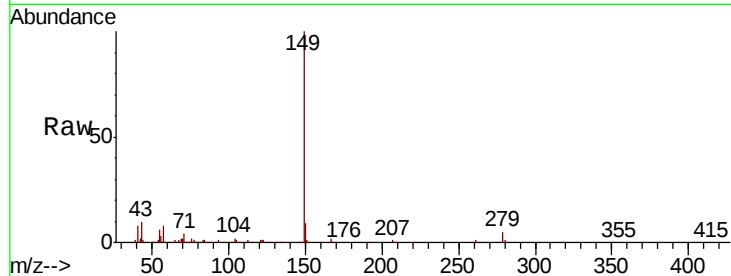
#85
Di-n-octyl phthalate
Concen: 33.063 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	322086		
167	1.8		1.3	1.9
43	10.0		7.5	11.3

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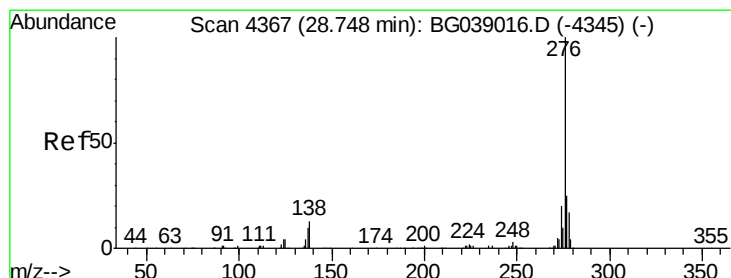
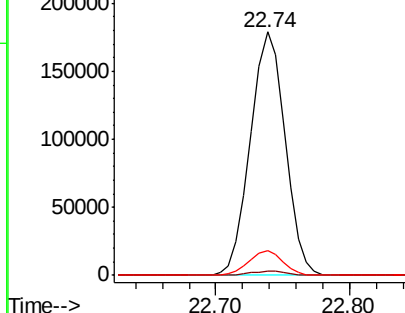
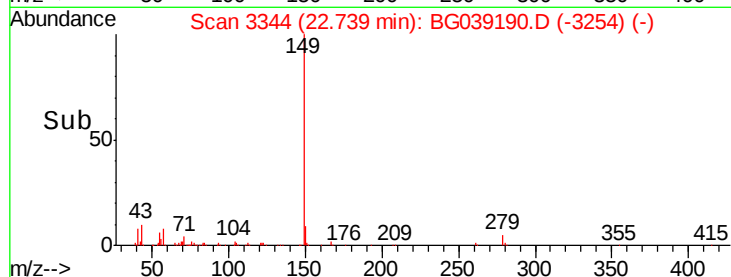


Abundance

Ion 149.00 (148.70 to 149.70): E

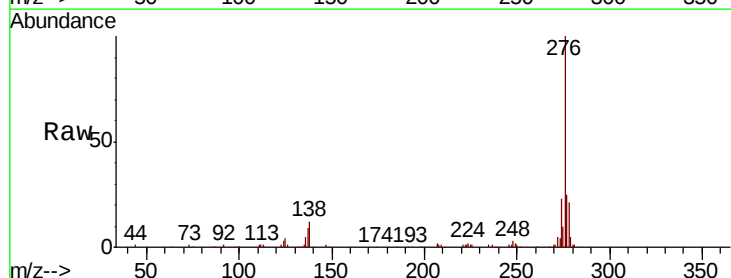
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.925 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	425445		
138	15.1		8.0	12.0#
277	25.4		20.3	30.5

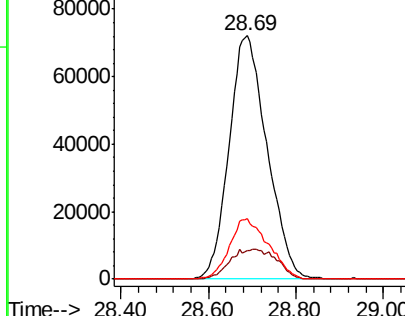
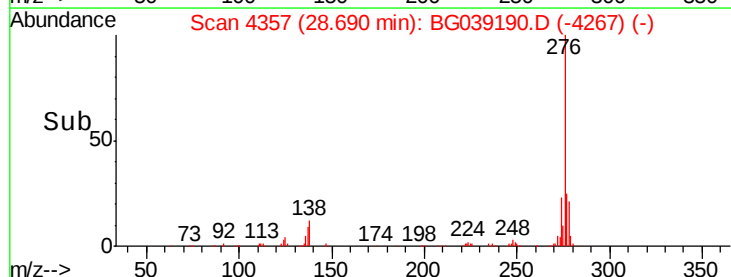


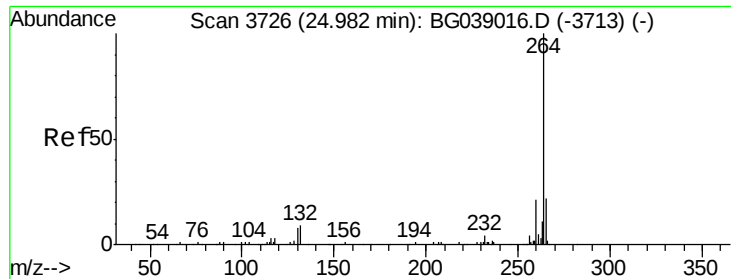
Abundance

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: 24.95 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Instrument :

BNA_G

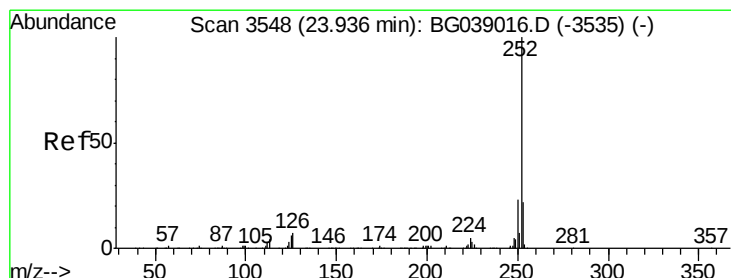
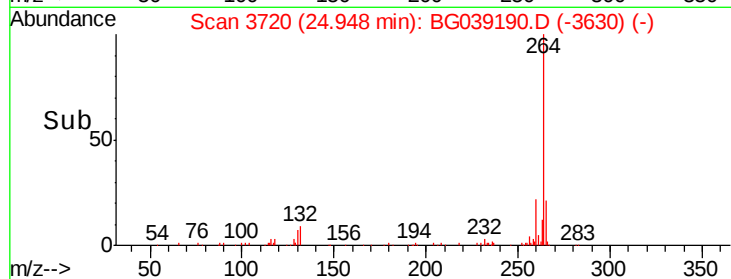
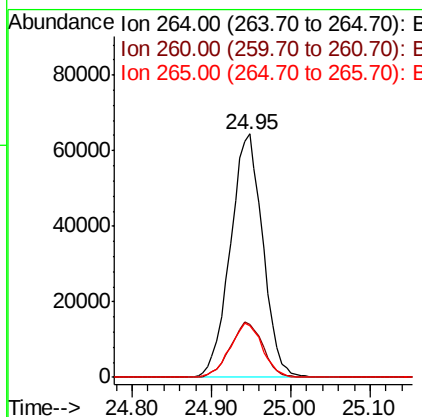
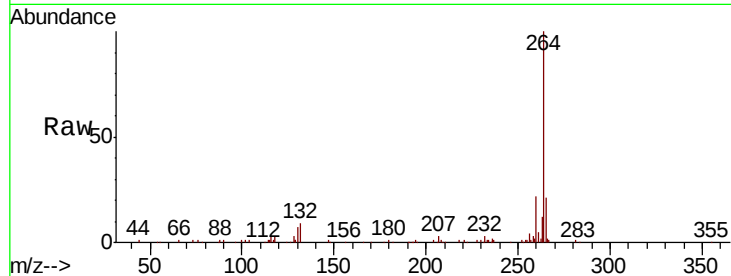
ClientSampleId :

PB116427BS

Tot Ion:	264	Resp:	182197
Ion Ratio	Lower	Upper	
264	100		
260	21.7	17.0	25.6
265	21.2	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 40.577 ng

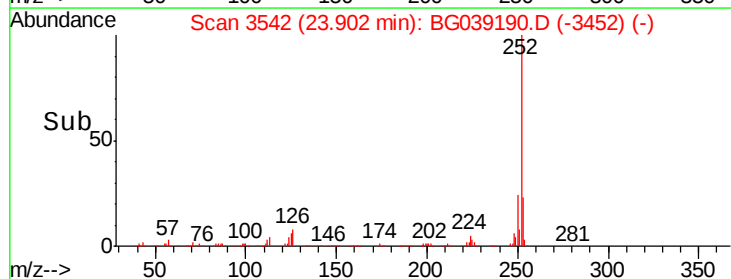
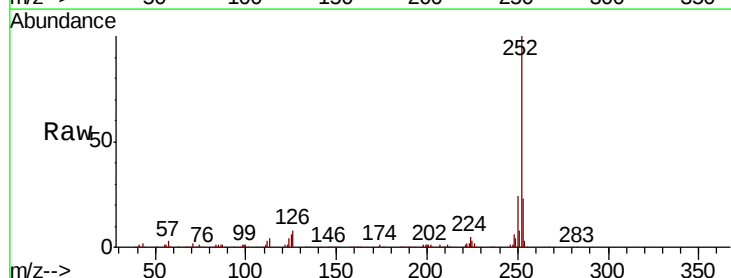
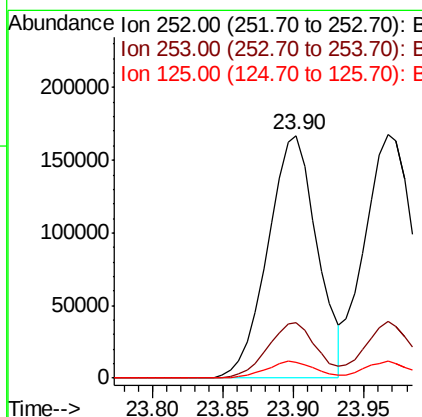
RT: 23.90 min Scan# 3542

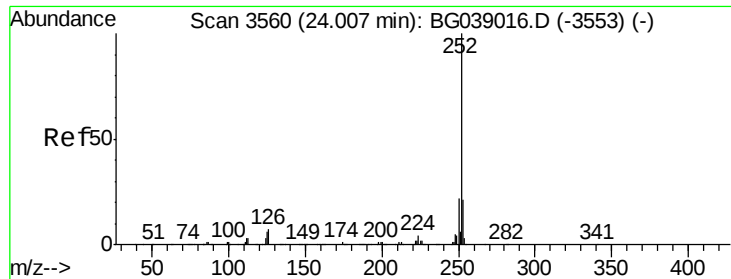
Delta R.T. -0.00 min

Lab File: BG039190.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	252	Resp:	407645
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	6.4	4.9	7.3





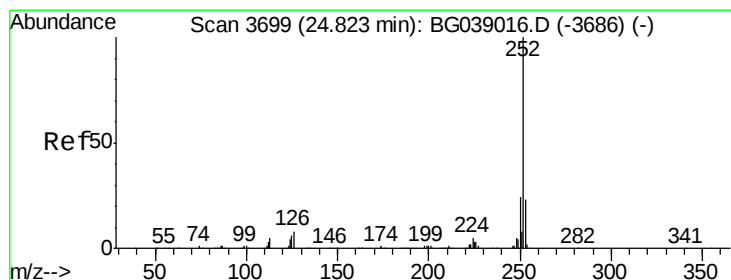
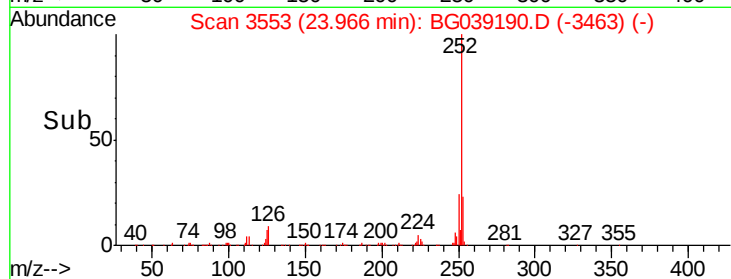
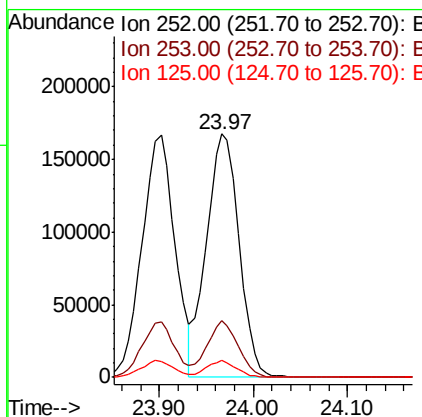
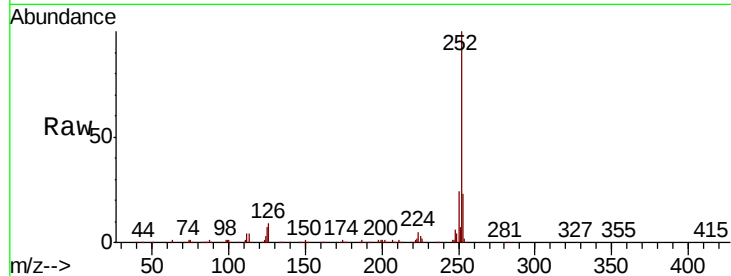
#89
Benzo(k)fluoranthene
Concen: 40.855 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampleId :
PB116427BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	6.8	4.6	7.0

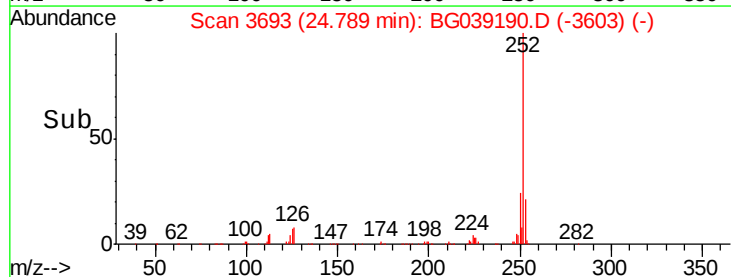
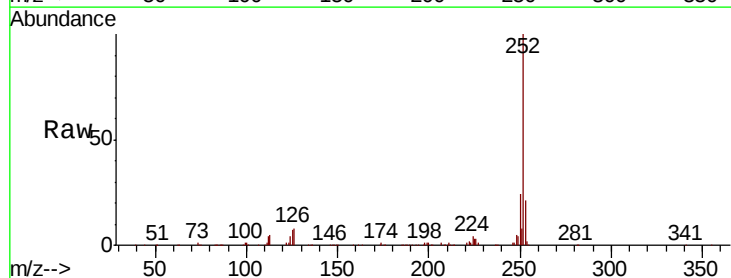
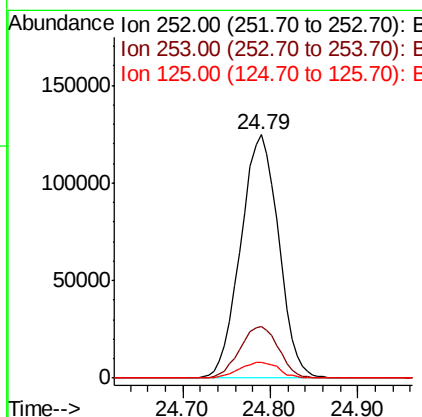
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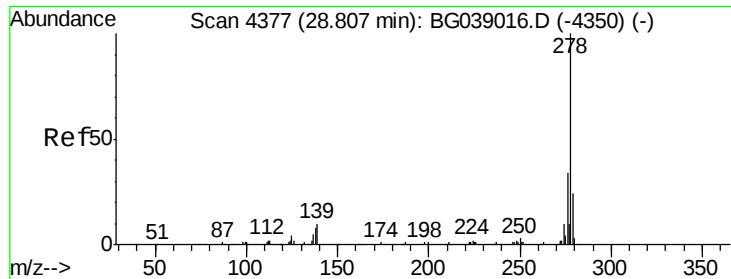
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#90
Benzo(a)pyrene
Concen: 37.862 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	6.7	4.9	7.3





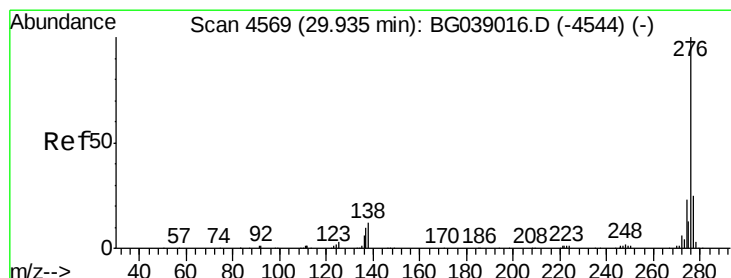
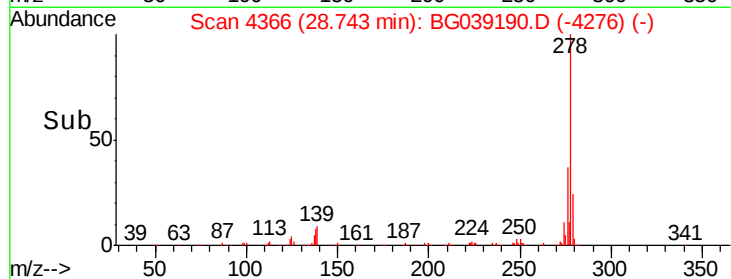
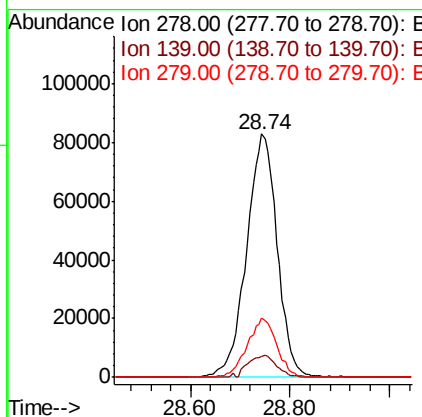
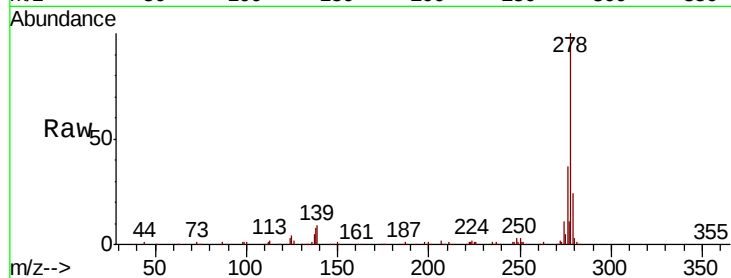
#91
Dibenzo(a,h)anthracene
Concen: 36.648 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.00 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Instrument :
BNA_G
ClientSampled :
PB116427BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.9	11.9
279	24.3	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/18/2019 11:24:06 AM



#92
Benzo(g,h,i)perylene
Concen: 37.914 ng
RT: 29.87 min Scan# 4557
Delta R.T. -0.01 min
Lab File: BG039190.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	12.3	9.4	14.2

