

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039747.D
 Acq On : 5 Mar 2019 1:22
 Operator : JU/SJ
 Sample : PB117574BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Manual Integrations
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Sohil
 3/5/2019 5:21:45 PM

Quant Time: Mar 05 06:55:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42650	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	185926	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130454	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	325624	20.00	ng	0.00
76) Chrysene-d12	21.82	240	337299	20.00	ng	-0.01
87) Perylene-d12	25.19	264	349773	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	359814	143.93	ng	0.00
7) Phenol-d6	7.31	99	504375	135.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	272543	79.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	204482	134.48	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	680362	74.26	ng	-0.01
79) Terphenyl-d14	20.12	244	1169890	76.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	42534	36.852	ng	96
3) Pyridine	3.99	79	108882	35.238	ng	99
4) n-Nitrosodimethylamine	3.91	42	58907	40.186	ng	91
6) Aniline	7.48	93	152320	31.189	ng	98
8) 2-Chlorophenol	7.72	128	131360	43.311	ng	97
9) Benzaldehyde	7.29	77	83308	34.646	ng	97
10) Phenol	7.33	94	178020	44.084	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	121403	38.559	ng	97
12) 1,3-Dichlorobenzene	8.04	146	131763	38.413	ng	94
13) 1,4-Dichlorobenzene	8.19	146	134917	38.614	ng	99
14) 1,2-Dichlorobenzene	8.51	146	133212	39.461	ng	96
15) Benzyl Alcohol	8.39	79	122941	41.577	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	239851	38.090	ng	98
17) 2-Methylphenol	8.59	107	115520	44.864	ng	99
18) Hexachloroethane	9.24	117	48302	38.528	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	101672	37.894	ng	91
20) 3+4-Methylphenols	8.92	107	159445	44.573	ng	98
22) Acetophenone	8.99	105	191051	38.285	ng	# 96
24) Nitrobenzene	9.38	77	148531	41.185	ng	98
25) Isophorone	9.89	82	292918	40.665	ng	99
26) 2-Nitrophenol	10.09	139	72517	41.646	ng	# 94
27) 2,4-Dimethylphenol	10.13	122	139121	51.372	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	179273	40.955	ng	99
29) 2,4-Dichlorophenol	10.61	162	144677	47.450	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	140936	41.078	ng	98
31) Naphthalene	11.03	128	402842	40.923	ng	98
32) Benzoic acid	10.26	122	81916	44.597	ng	90
33) 4-Chloroaniline	11.14	127	89097	21.344	ng	94
34) Hexachlorobutadiene	11.29	225	89638	38.233	ng	92
35) Caprolactam	11.92	113	51174m	43.937	ng	
36) 4-Chloro-3-methylphenol	12.24	107	156842	44.874	ng	99
37) 2-Methylnaphthalene	12.62	142	308654	41.939	ng	98
38) 1-Methylnaphthalene	12.84	142	299136	41.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	169926	38.450	ng	99

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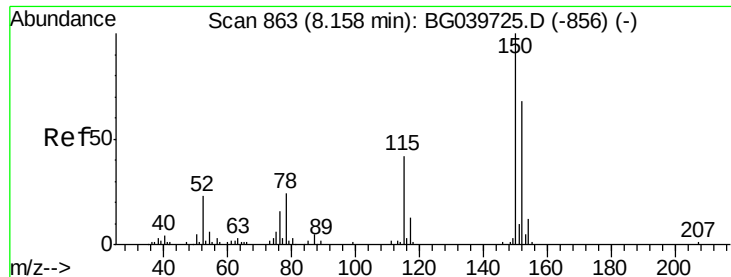
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	238999	100.911	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	118056	45.627	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	128836	44.176	ng	98
46) 1,1'-Biphenyl	13.62	154	424969	39.607	ng	100
47) 2-Chloronaphthalene	13.67	162	327665	40.594	ng	97
48) 2-Nitroaniline	13.87	65	114003	43.948	ng	94
49) Acenaphthylene	14.51	152	536659	40.500	ng	99
50) Dimethylphthalate	14.23	163	448063	41.075	ng	100
51) 2,6-Dinitrotoluene	14.36	165	98299	42.507	ng	99
52) Acenaphthene	14.85	154	328619	41.205	ng	99
53) 3-Nitroaniline	14.70	138	61778	26.576	ng	# 96
54) 2,4-Dinitrophenol	14.90	184	119717	81.952	ng	98
55) Dibenzofuran	15.18	168	529795	40.489	ng	99
56) 4-Nitrophenol	14.99	139	178176	85.682	ng	91
57) 2,4-Dinitrotoluene	15.14	165	140830	43.341	ng	# 88
58) Fluorene	15.82	166	422019	41.026	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	131482	46.162	ng	97
60) Diethylphthalate	15.58	149	450843	41.750	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	225168	41.020	ng	96
62) 4-Nitroaniline	15.86	138	106035	42.075	ng	94
63) Azobenzene	16.11	77	404261	41.299	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	81662	42.415	ng	99
66) n-Nitrosodiphenylamine	16.03	169	394862	41.887	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	148675	40.791	ng	90
68) Hexachlorobenzene	16.82	284	148729	39.366	ng	95
69) Atrazine	16.97	200	159555	43.006	ng	98
70) Pentachlorophenol	17.17	266	200517	84.037	ng	98
71) Phenanthrene	17.57	178	725826	40.468	ng	99
72) Anthracene	17.66	178	737743	42.209	ng	99
73) Carbazole	17.93	167	651396	41.341	ng	98
74) Di-n-butylphthalate	18.46	149	793500	42.802	ng	99
75) Fluoranthene	19.57	202	876126	41.333	ng	99
77) Benzidine	19.75	184	459404	42.921	ng	99
78) Pyrene	19.94	202	874460	39.897	ng	99
80) Butylbenzylphthalate	20.80	149	374540	44.107	ng	93
81) Benzo(a)anthracene	21.80	228	843994	39.925	ng	98
82) 3,3'-Dichlorobenzidine	21.71	252	183059	23.719	ng	97
83) Chrysene	21.87	228	799029	38.988	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	516825	43.312	ng	100
85) Di-n-octyl phthalate	22.92	149	880615	44.570	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	977724	42.053	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	865495	41.495	ng	98
89) Benzo(k)fluoranthene	24.18	252	806020	41.515	ng	100
90) Benzo(a)pyrene	25.03	252	826161	42.865	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	787332	41.669	ng	100
92) Benzo(g,h,i)perylene	30.30	276	807817	42.569	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

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Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

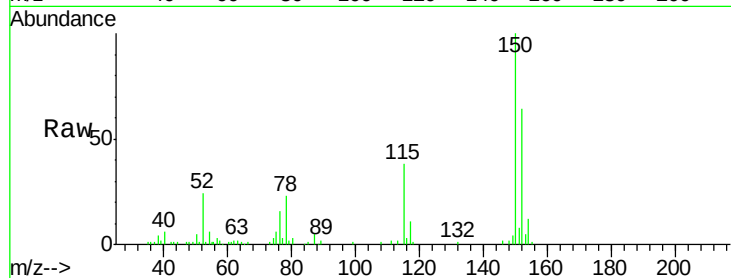
ClientSampled :

PB117574BS

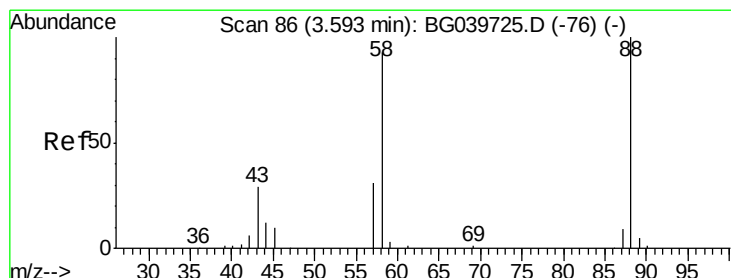
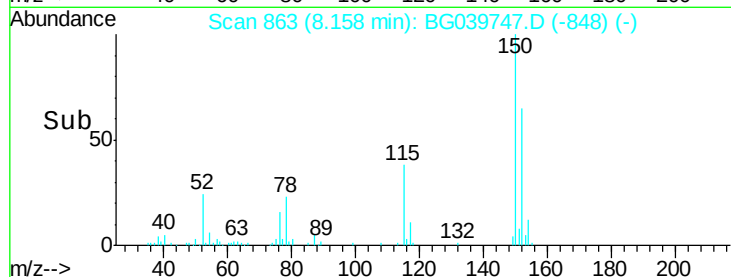
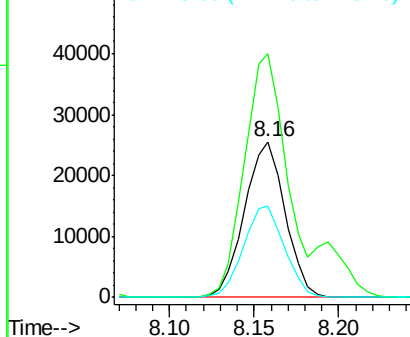
Tgt Ion:	152	Resp:	42650
Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	58.9	45.9	68.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.852 ng

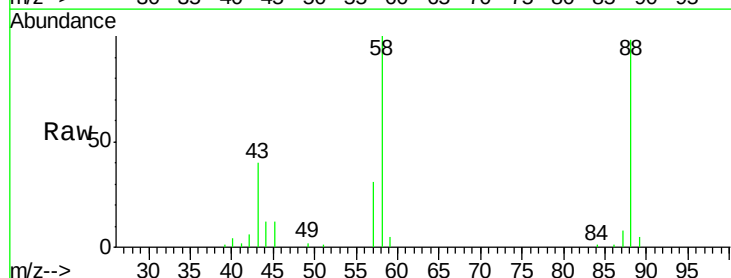
RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

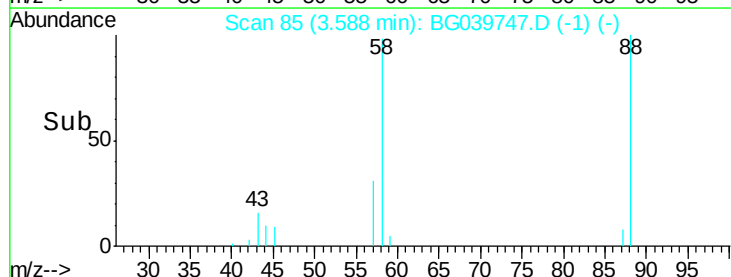
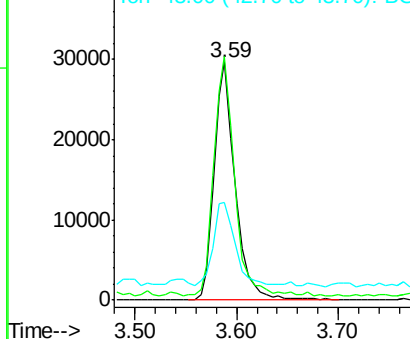
Lab File: BG039747.D

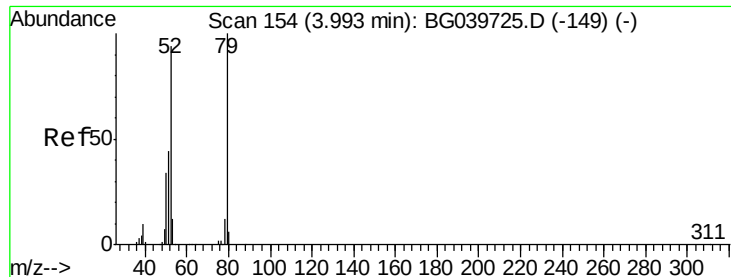
Acq: 5 Mar 2019 1:22

Tgt Ion:	88	Resp:	42534
Ion	Ratio	Lower	Upper
88	100		
58	97.7	81.1	121.7
43	35.2	31.4	47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.238 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

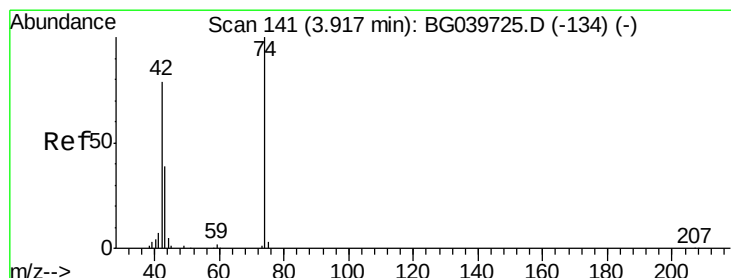
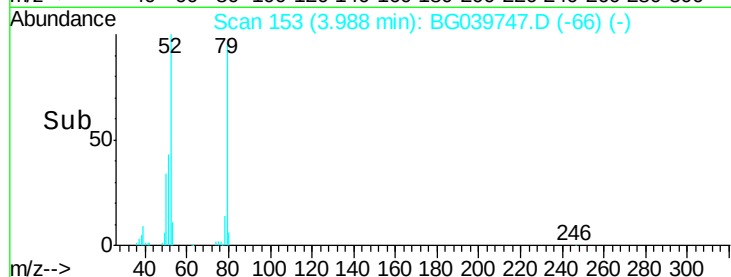
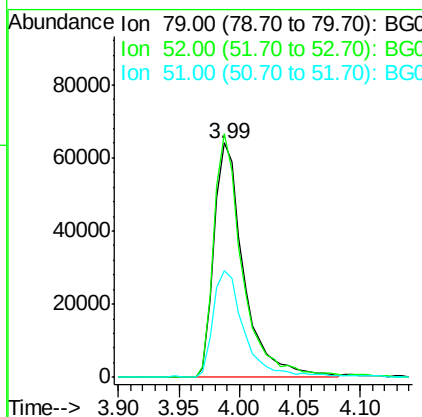
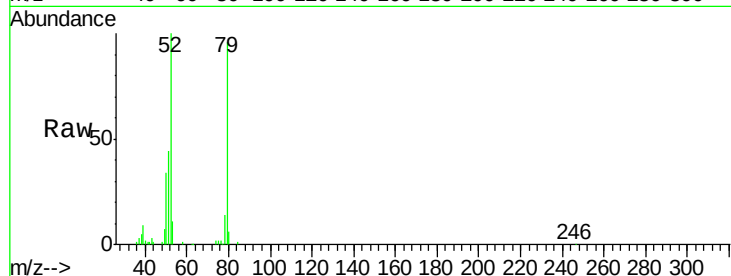
ClientSampleId :

PB117574BS

Tgt Ion:	79	Resp:	108882
Ion Ratio	Lower	Upper	
79	100		
52	103.8	82.6	124.0
51	45.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.186 ng

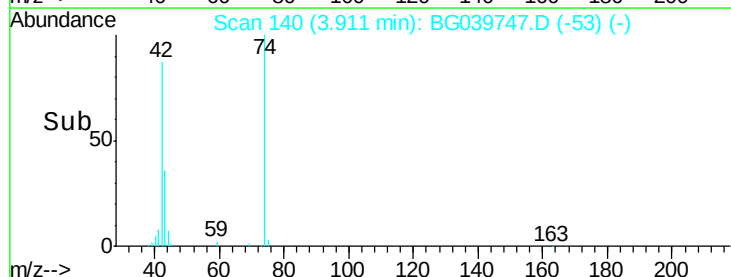
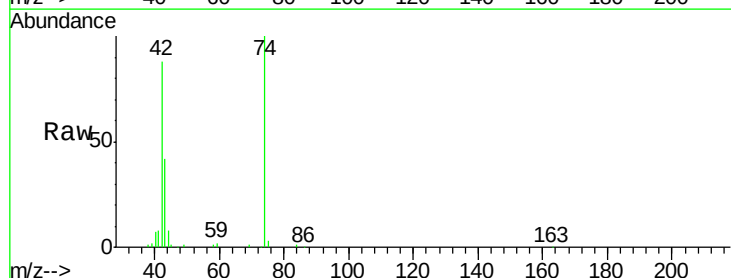
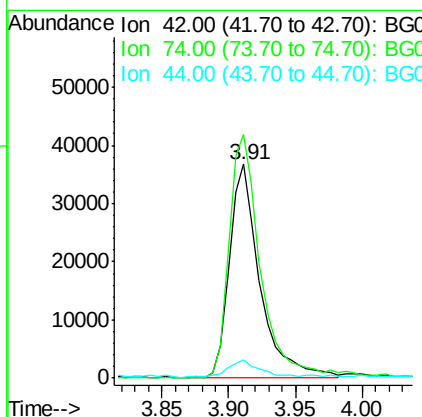
RT: 3.91 min Scan# 140

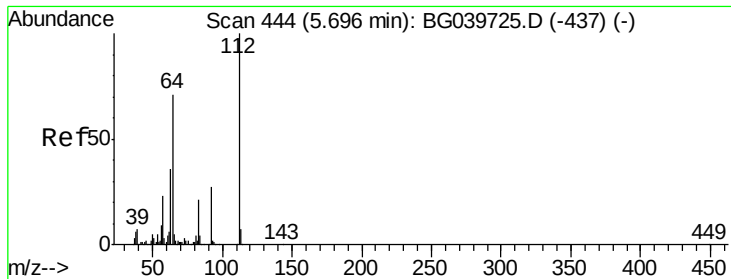
Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	42	Resp:	58907
Ion Ratio	Lower	Upper	
42	100		
74	114.0	83.6	125.4
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 143.926 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039747.D

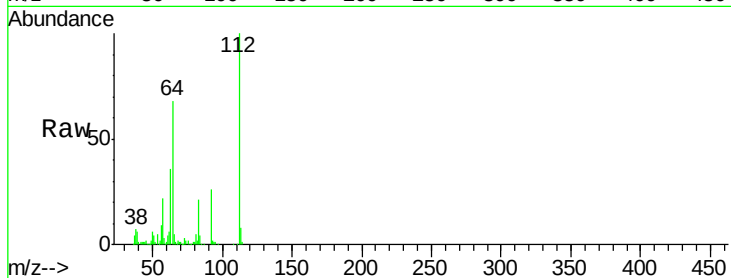
Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

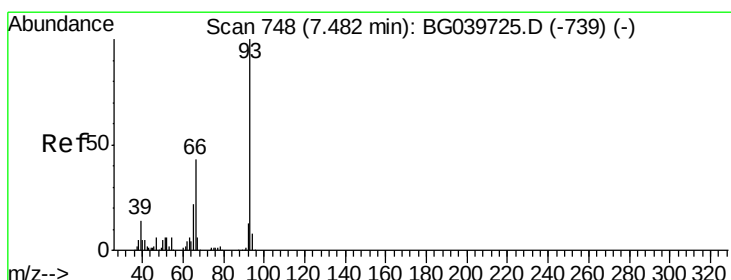
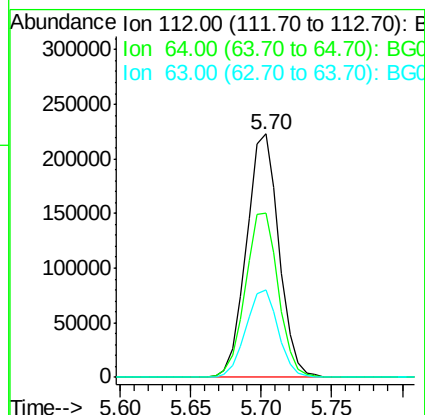
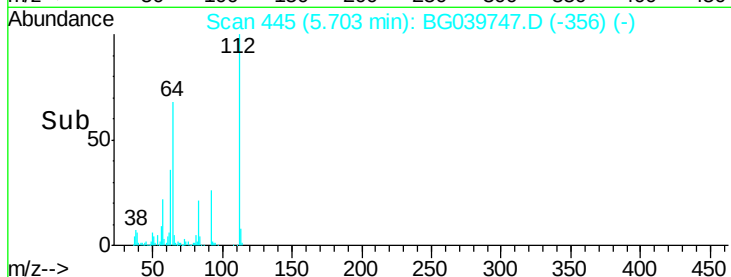
PB117574BS



Tgt Ion:	112	Resp:	359814
Ion Ratio	Lower	Upper	
112	100		
64	67.7	57.8	86.8
63	36.1	29.8	44.6

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#6

Aniline

Concen: 31.189 ng

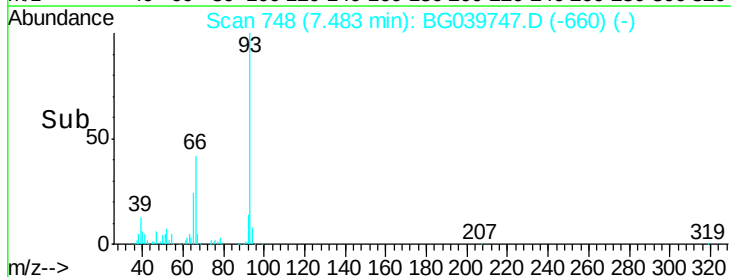
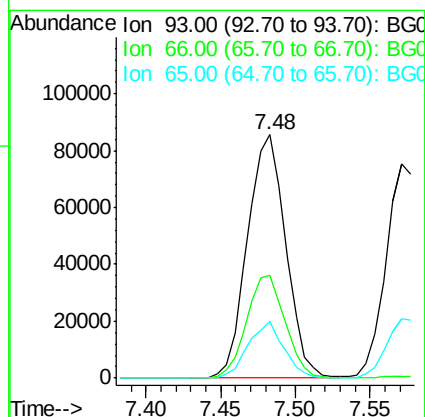
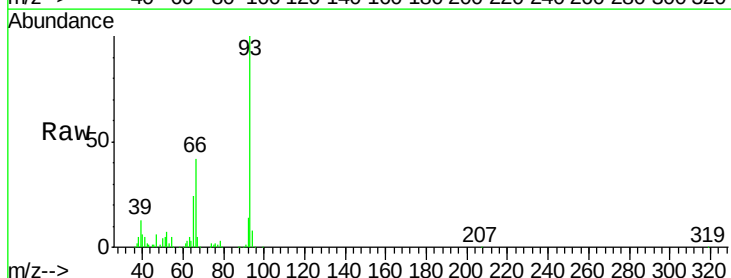
RT: 7.48 min Scan# 748

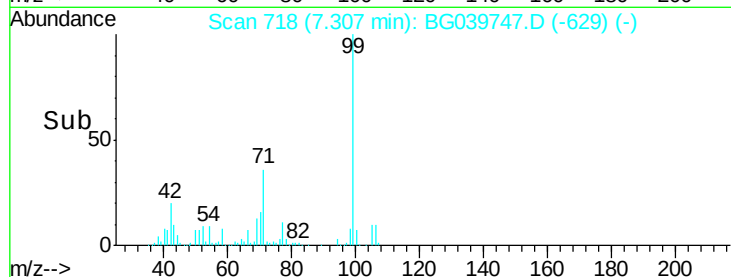
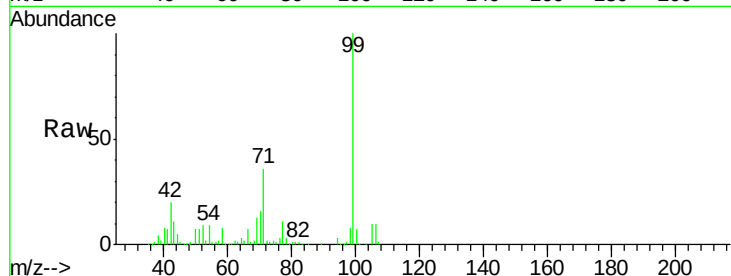
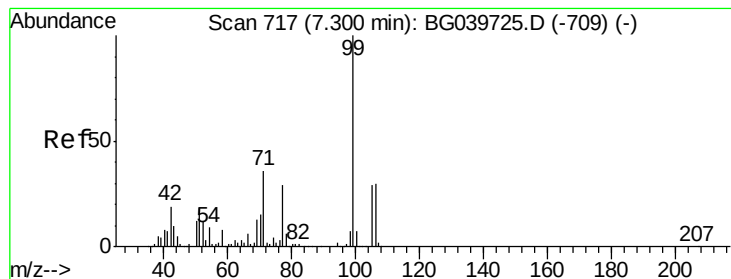
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	93	Resp:	152320
Ion Ratio	Lower	Upper	
93	100		
66	42.2	34.2	51.4
65	23.5	17.7	26.5





#7

Phenol-d6

Concen: 135.307 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	99	Resp:	504375
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	36.0	28.0	42.0

Instrument :

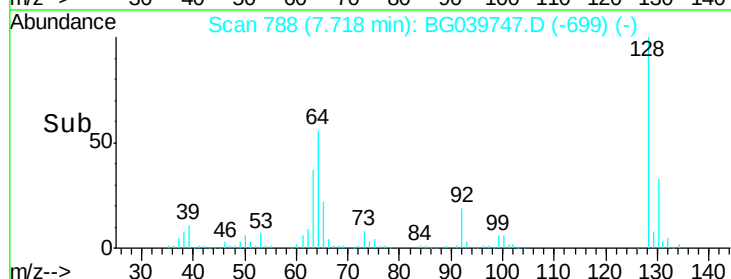
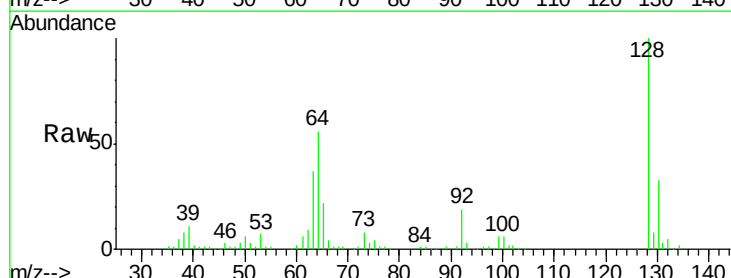
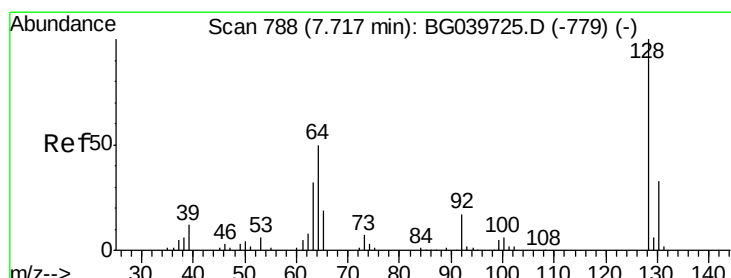
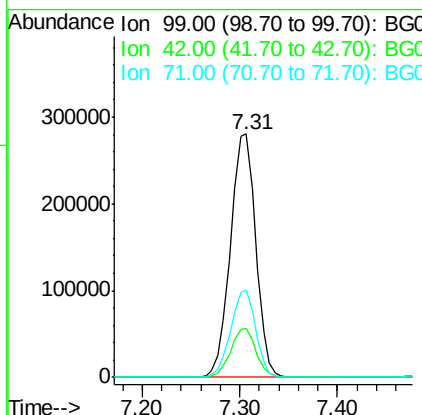
BNA_G

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#8

2-Chlorophenol

Concen: 43.311 ng

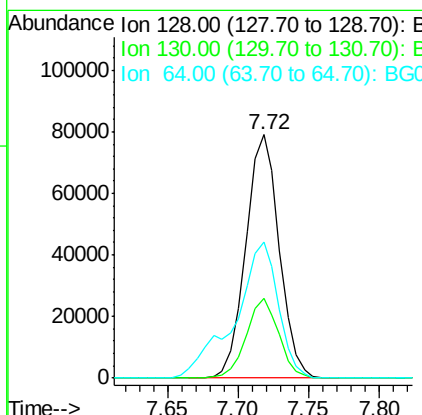
RT: 7.72 min Scan# 788

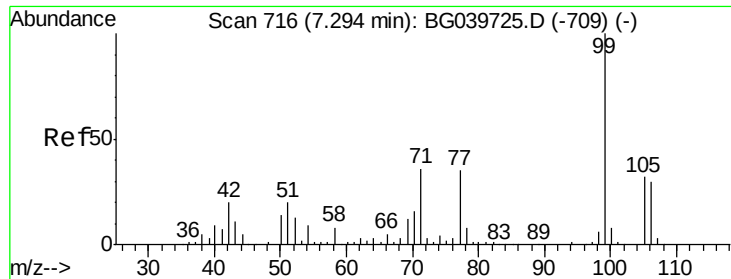
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	128	Resp:	131360
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	55.7	38.7	78.7





#9

Benzaldehyde

Concen: 34.646 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

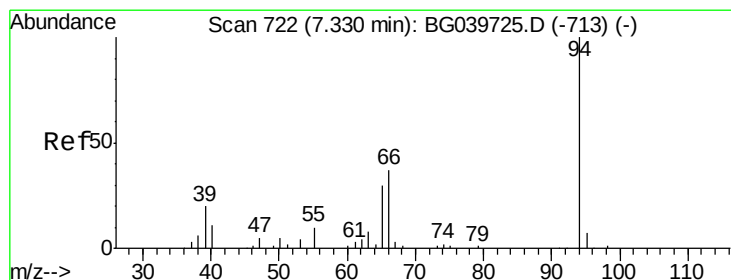
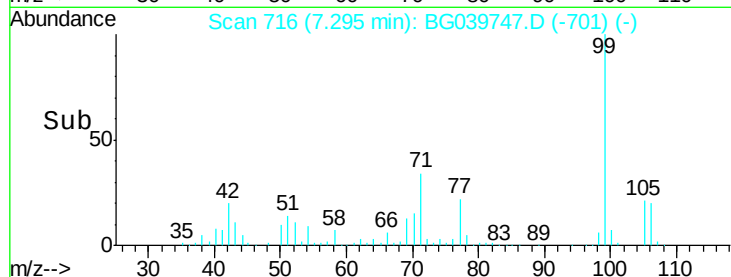
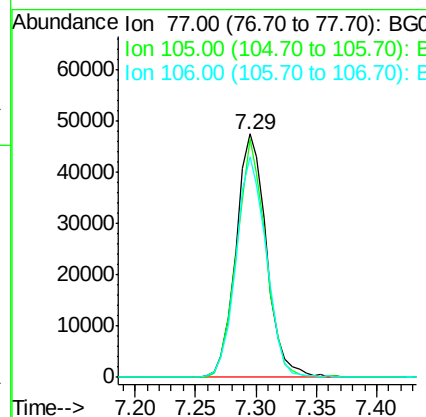
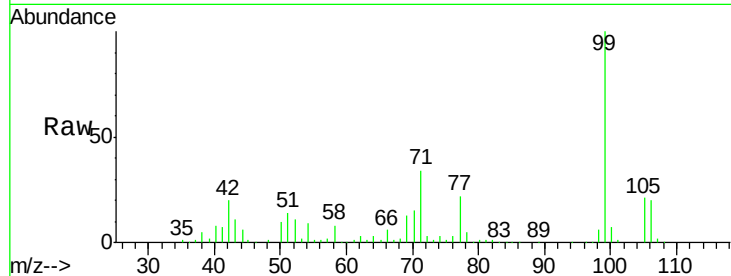
ClientSampleId :

PB117574BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	98.0	74.5	114.5
106	90.5	68.0	108.0

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#10

Phenol

Concen: 44.084 ng

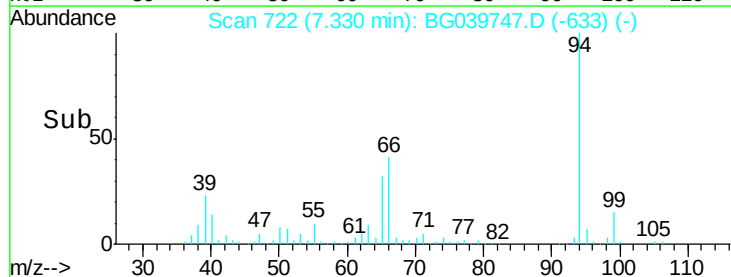
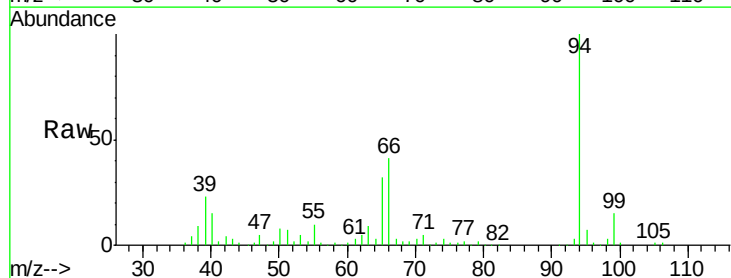
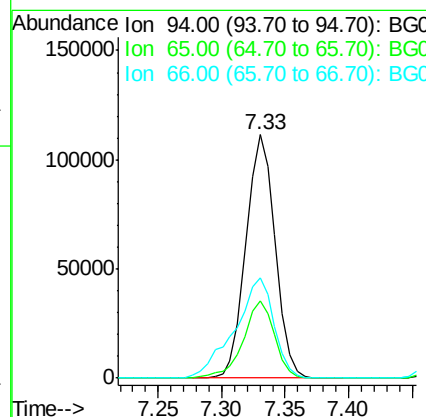
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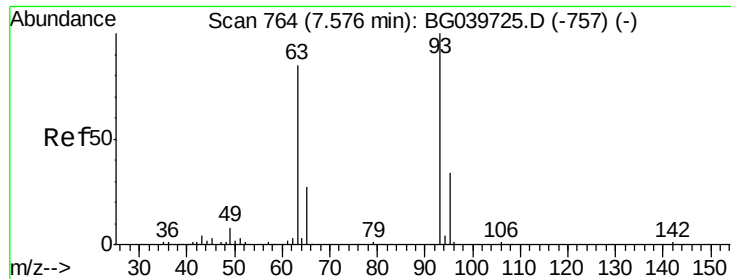
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	41.2	23.7	63.7





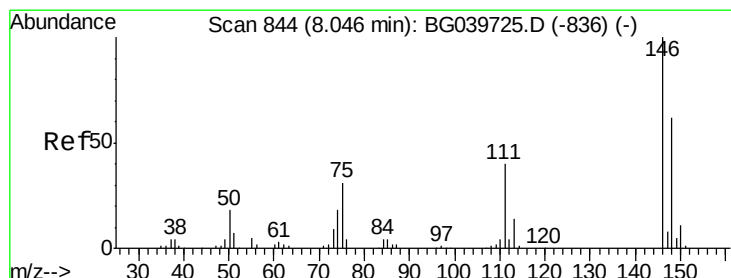
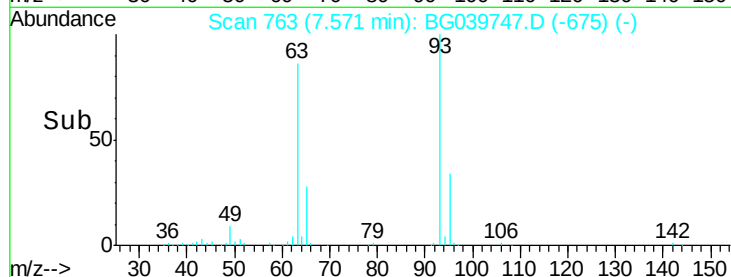
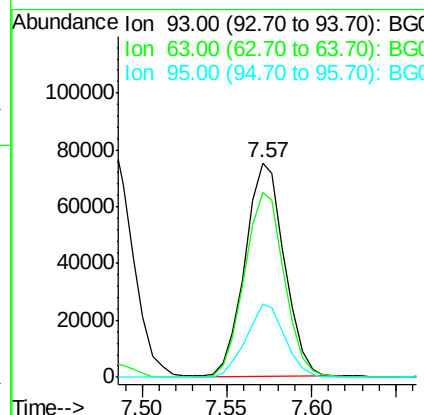
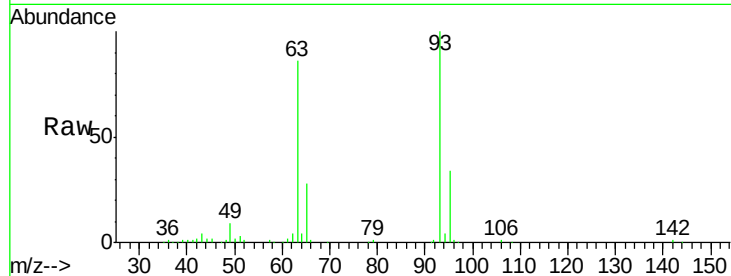
#11
bis(2-Chloroethyl)ether
Concen: 38.559 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.3	69.5	109.5
95	34.2	12.7	52.7

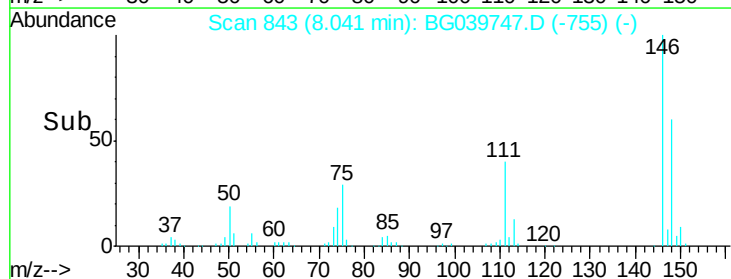
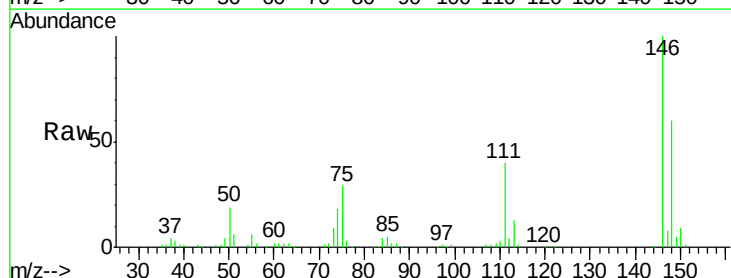
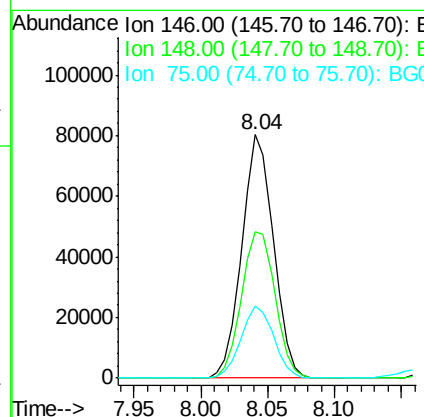
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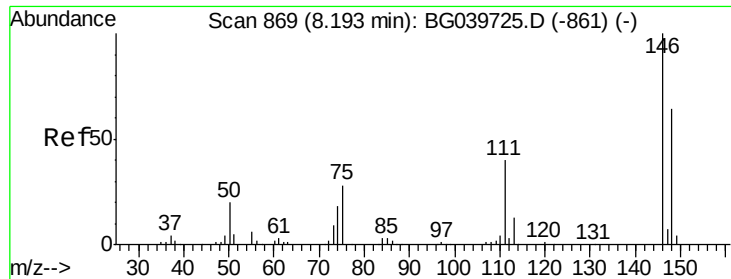
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.413 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	52.6	79.0
75	29.4	25.8	38.6





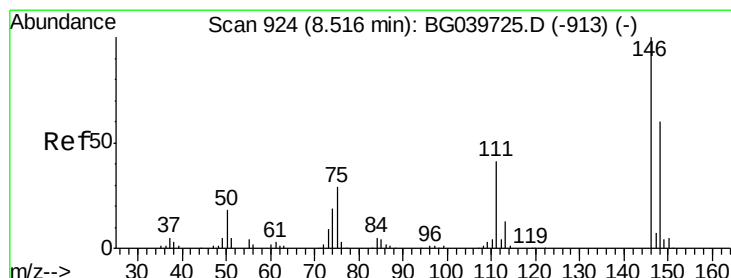
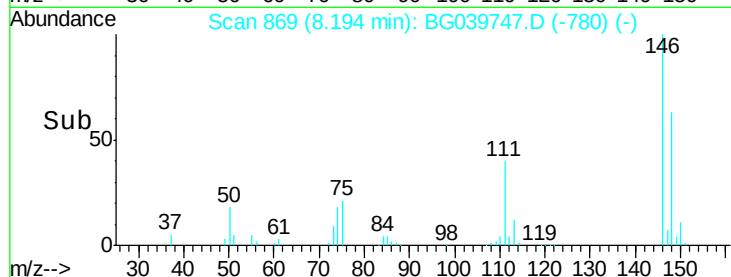
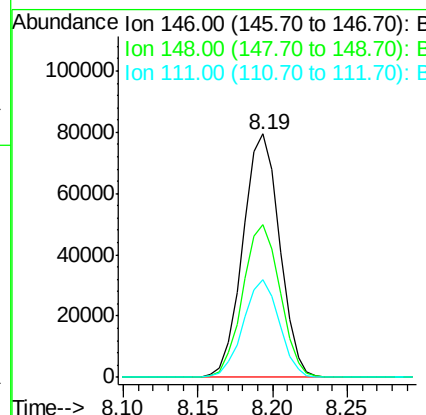
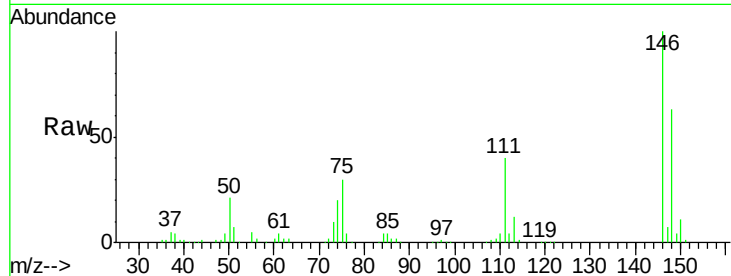
#13
 1,4-Dichlorobenzene
 Concen: 38.614 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampled :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	40.2	32.6	48.8

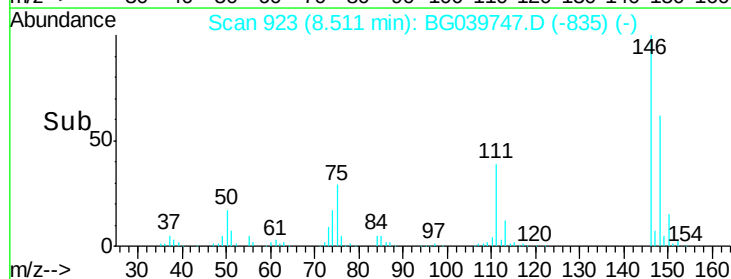
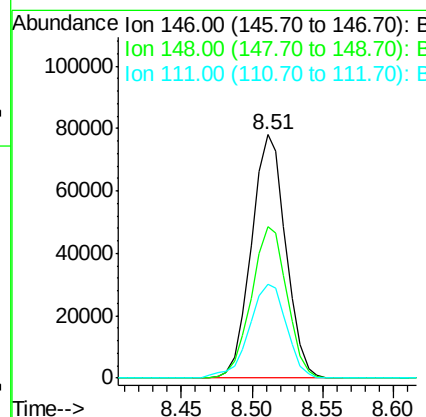
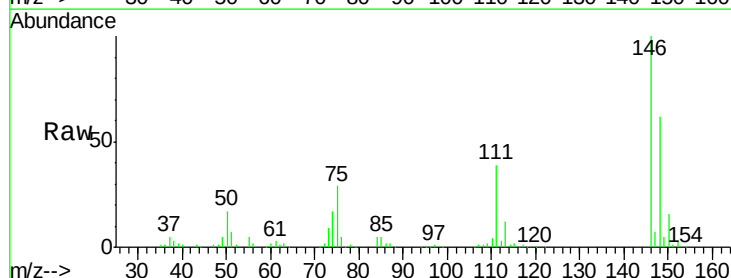
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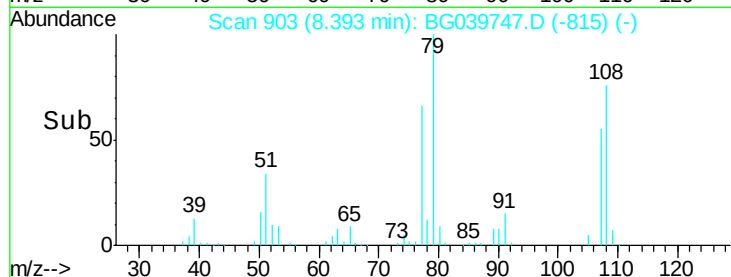
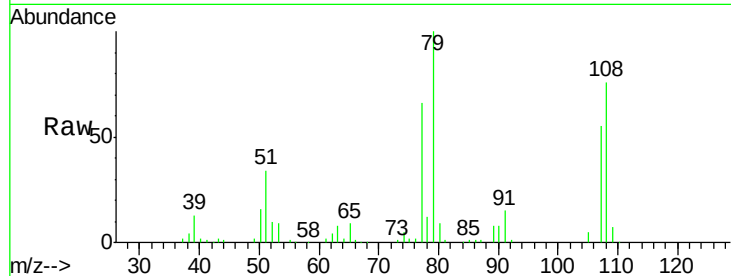
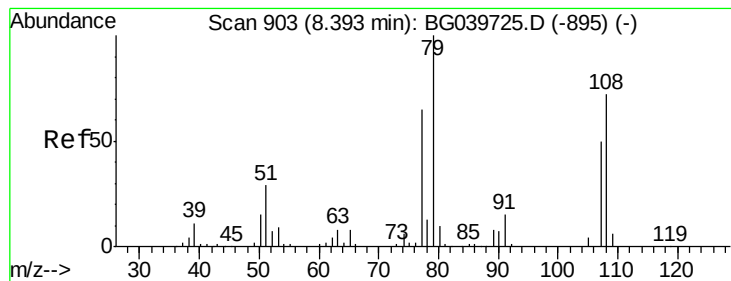
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#14
 1,2-Dichlorobenzene
 Concen: 39.461 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.5	77.3
111	38.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.577 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	79	Resp:	122941
Ion	Ratio	Lower	Upper
79	100		
108	76.2	57.8	86.6
77	66.4	51.1	76.7

Instrument :

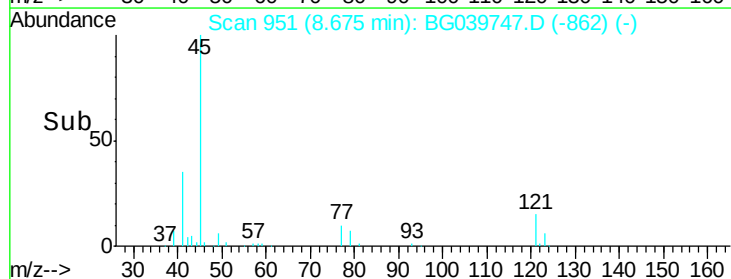
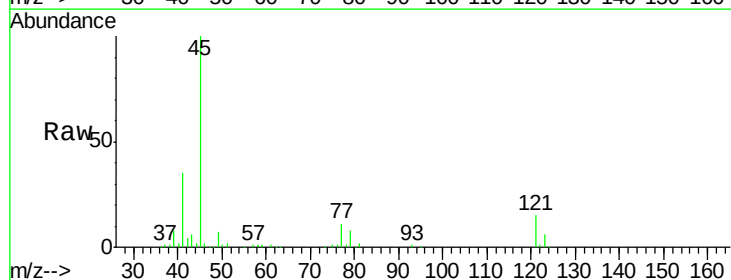
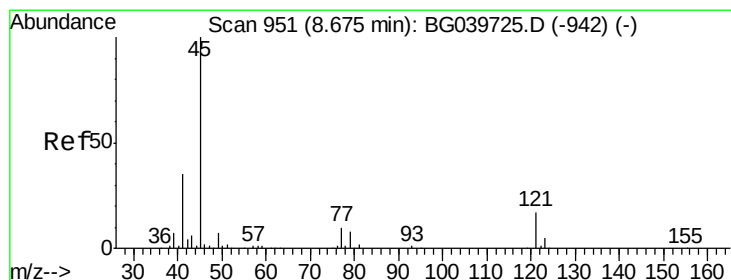
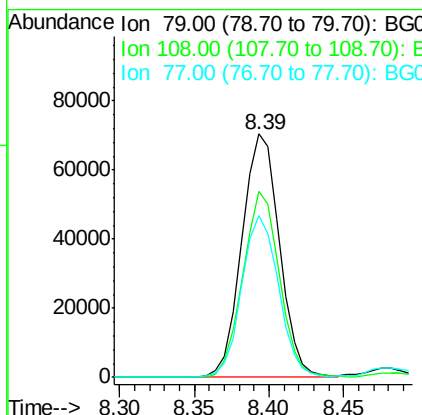
BNA_G

ClientSampleId :

PB117574BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.090 ng

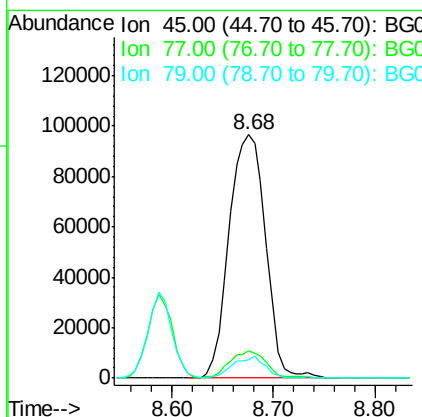
RT: 8.68 min Scan# 951

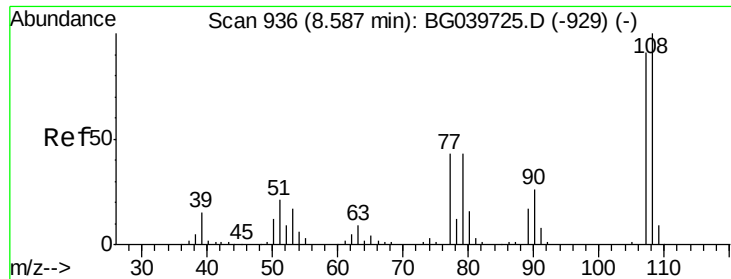
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	45	Resp:	239851
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.0
79	7.7	0.0	27.5





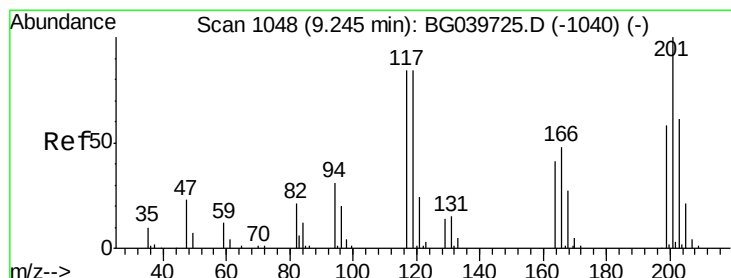
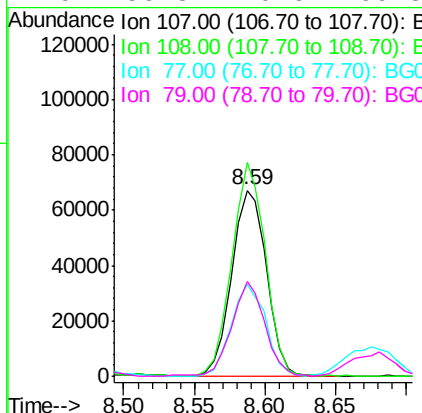
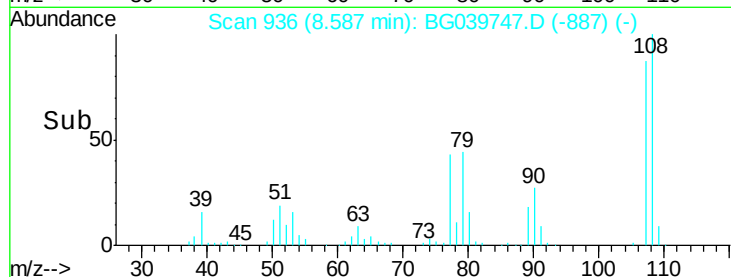
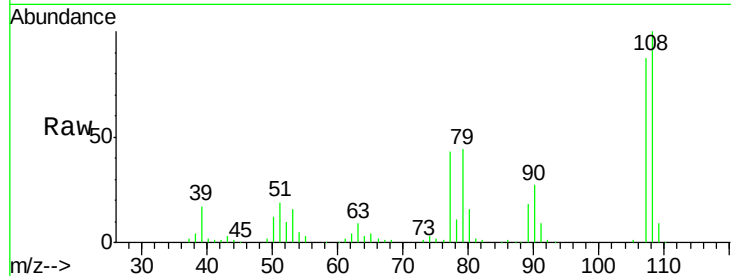
#17
2-Methylphenol
Concen: 44.864 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:	107	Resp:	115520
Ion Ratio	Lower	Upper	
107	100		
108	115.0	90.8	136.2
77	49.6	40.7	61.1
79	50.8	40.6	60.8

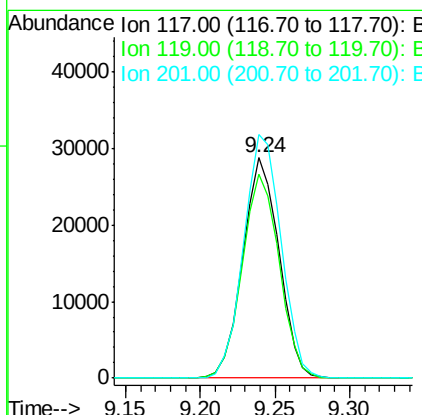
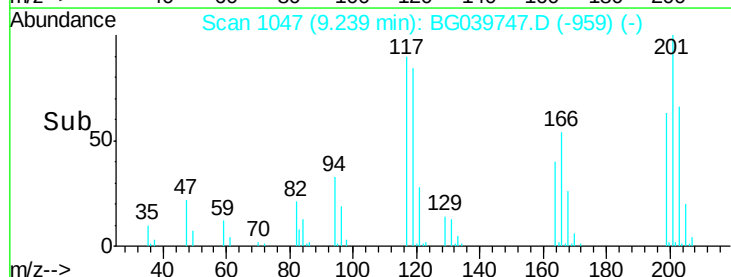
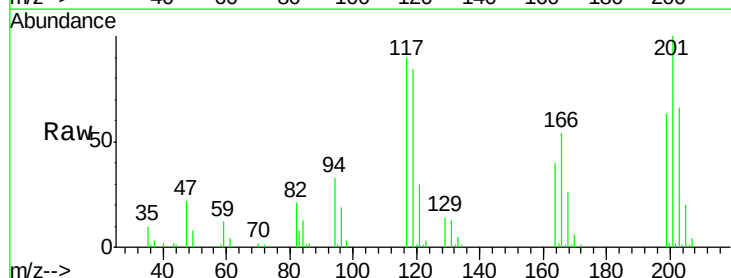
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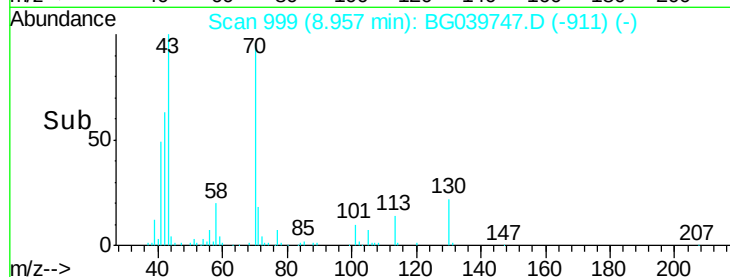
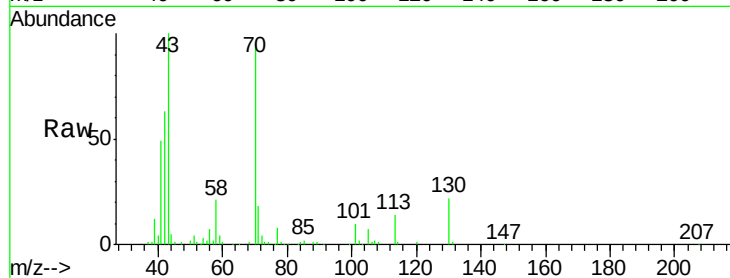
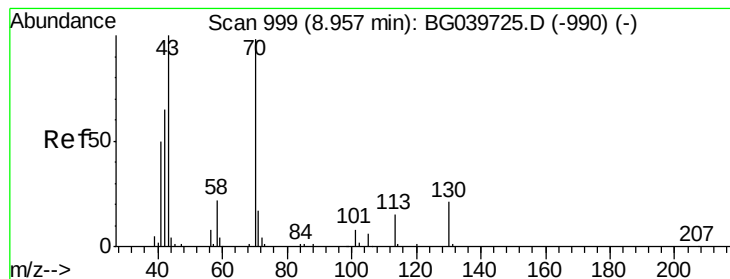
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#18
Hexachloroethane
Concen: 38.528 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:	117	Resp:	48302
Ion Ratio	Lower	Upper	
117	100		
119	92.6	76.3	114.5
201	110.6	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.894 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

Tgt Ion: 70 Resp: 101672

Ion Ratio Lower Upper

70 100

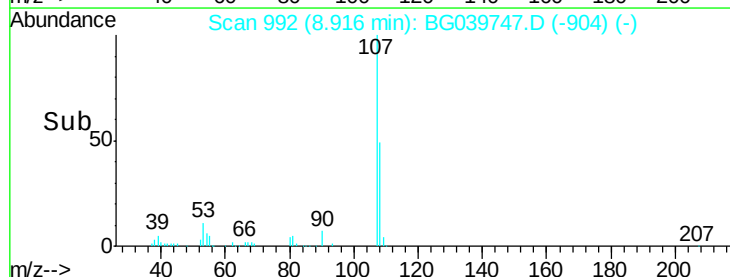
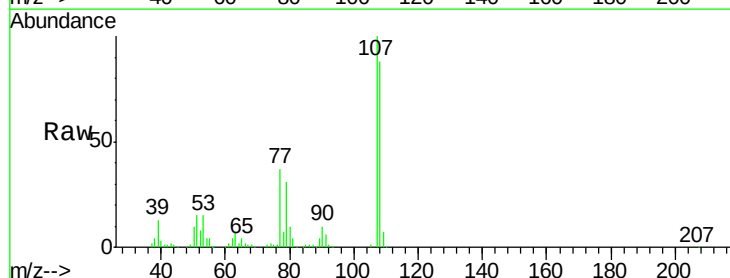
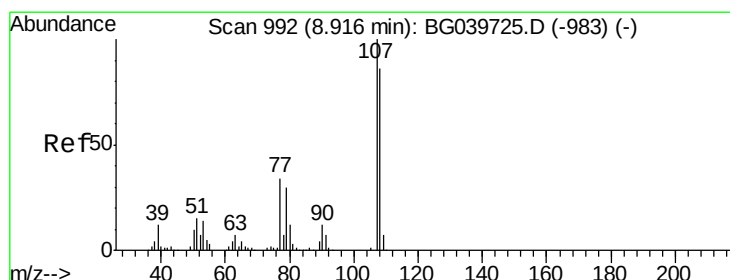
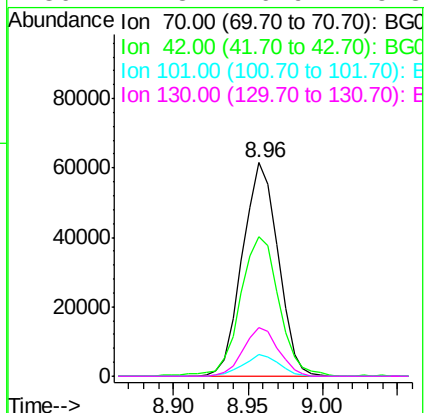
42 65.5 60.4 90.6

101 10.0 7.5 11.3

130 22.8 16.9 25.3

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#20

3+4-Methylphenols

Concen: 44.573 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion: 107 Resp: 159445

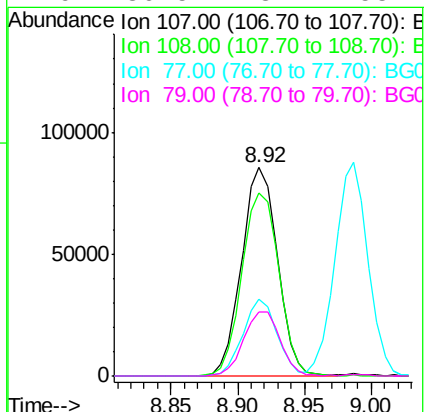
Ion Ratio Lower Upper

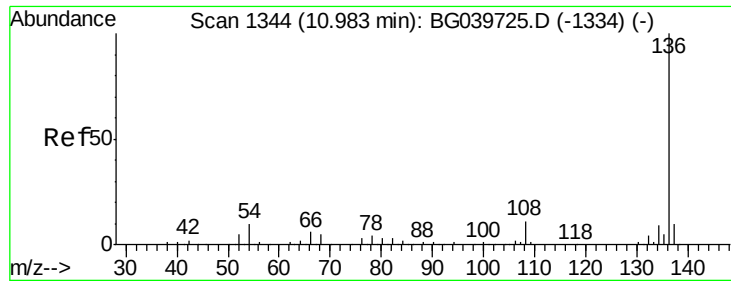
107 100

108 87.9 67.9 107.9

77 36.6 15.4 55.4

79 30.5 13.7 53.7





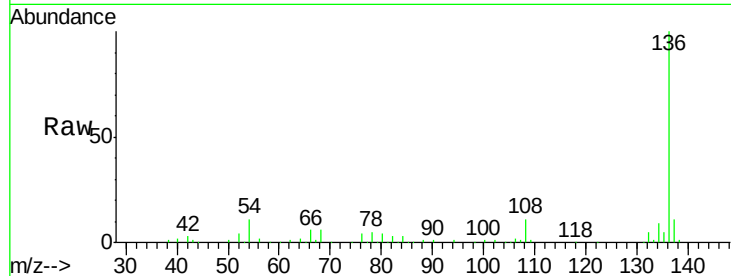
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	185926		
137	10.9		9.1	13.7
54	10.6		9.4	14.2
68	5.6		4.2	6.4

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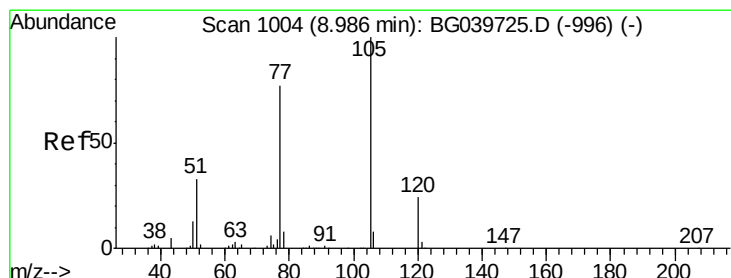
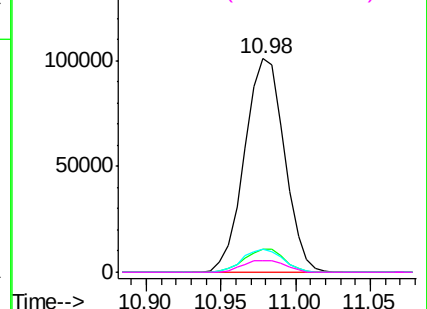
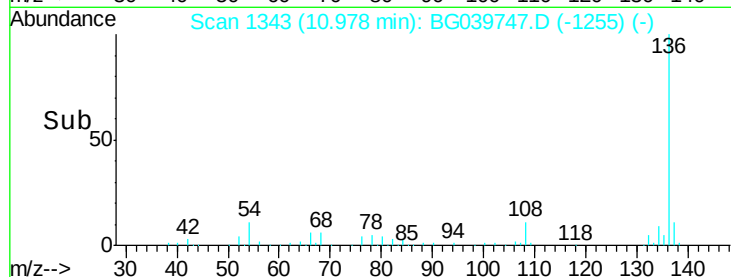
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

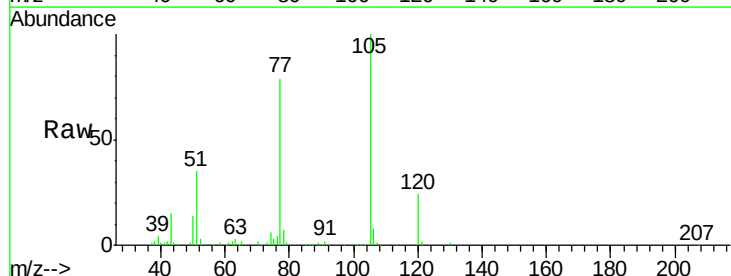
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.285 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191051		
71	0.2		0.8	1.2#
51	34.6		30.2	45.2
120	24.1		18.0	27.0



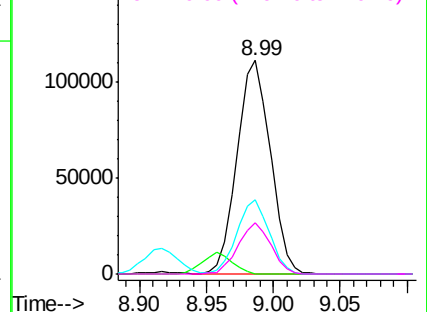
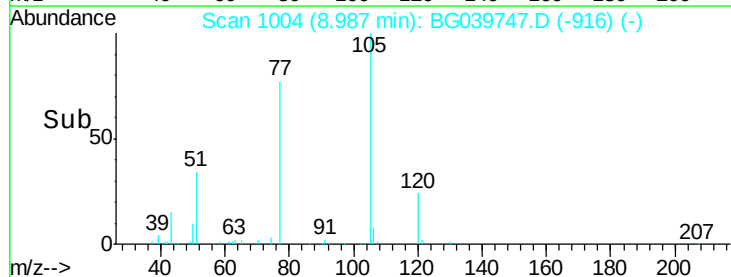
Abundance

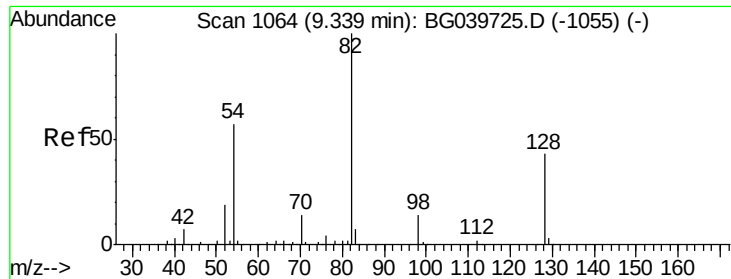
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





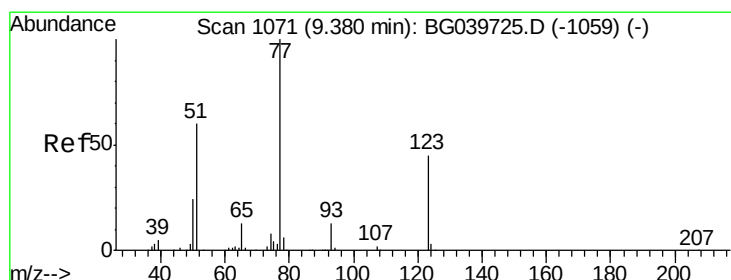
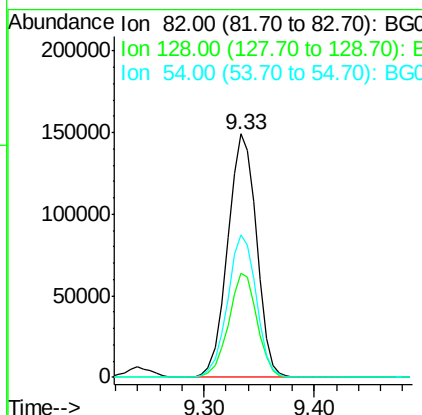
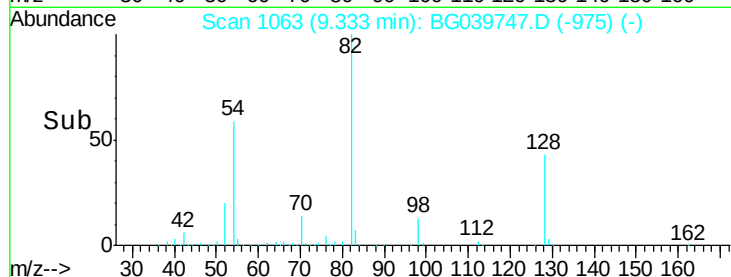
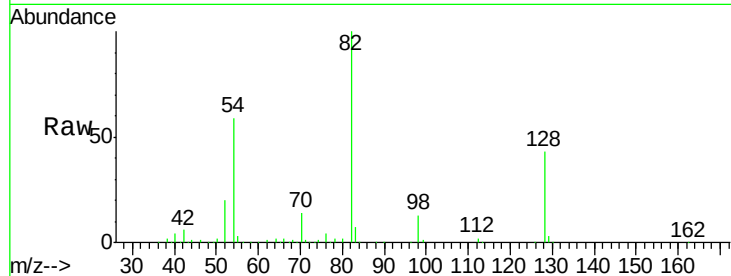
#23
 Nitrobenzene-d5
 Concen: 79.280 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion:	82	Resp:	272543
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.3	46.9
54	58.6	50.9	76.3

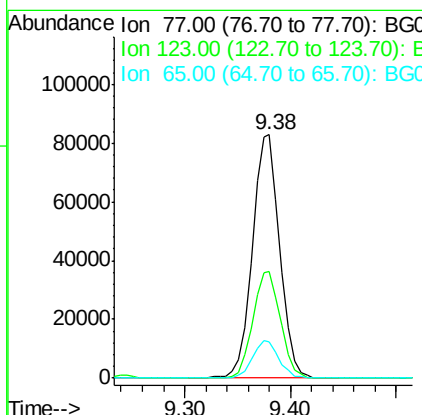
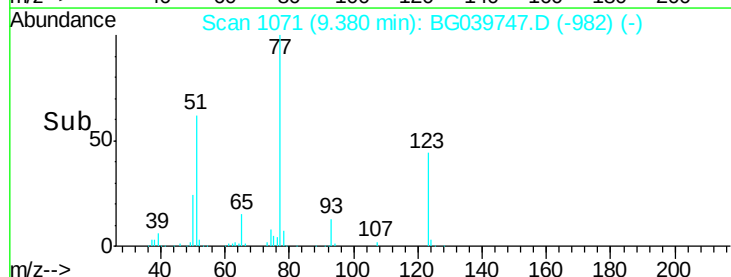
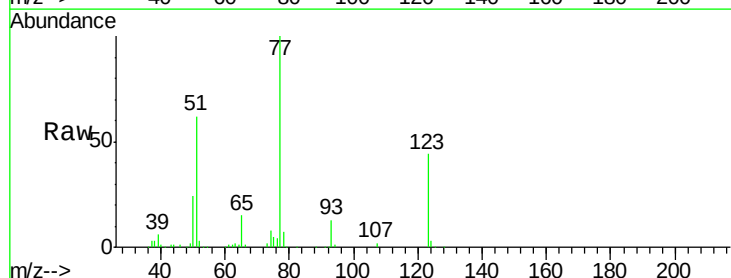
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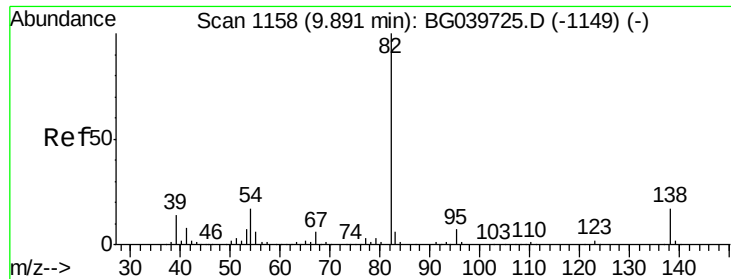
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#24
 Nitrobenzene
 Concen: 41.185 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion:	77	Resp:	148531
Ion Ratio	Lower	Upper	
77	100		
123	43.7	34.1	51.1
65	14.8	12.3	18.5





#25

Isophorone

Concen: 40.665 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

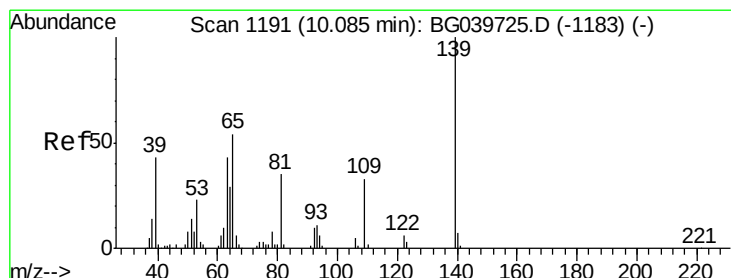
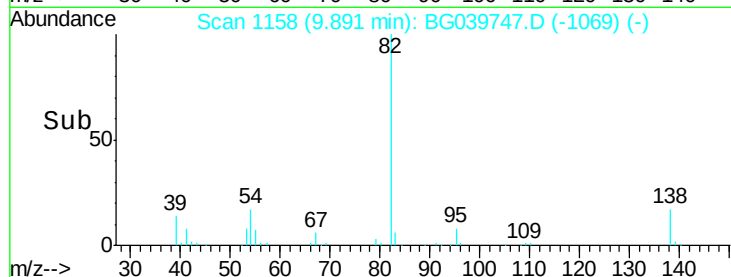
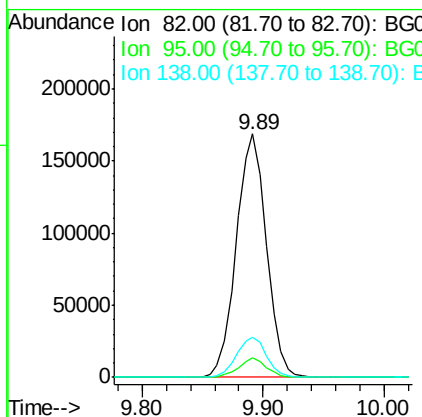
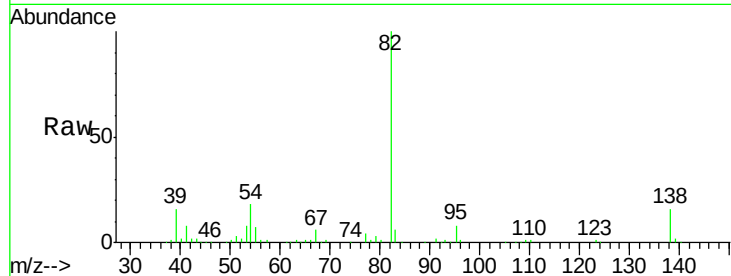
ClientSampleId :

PB117574BS

Tgt Ion:	82	Resp:	292918
Ion Ratio		Lower	Upper
82	100		
95	8.2	6.2	9.2
138	16.3	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.646 ng

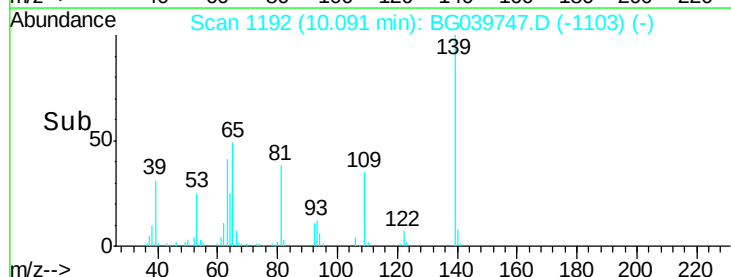
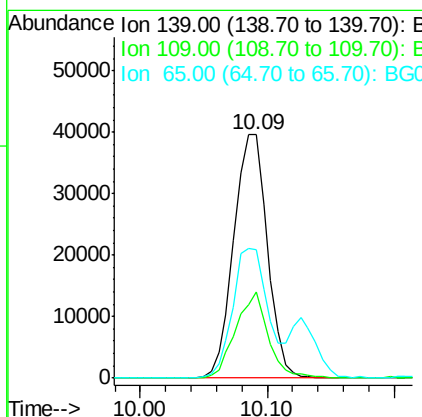
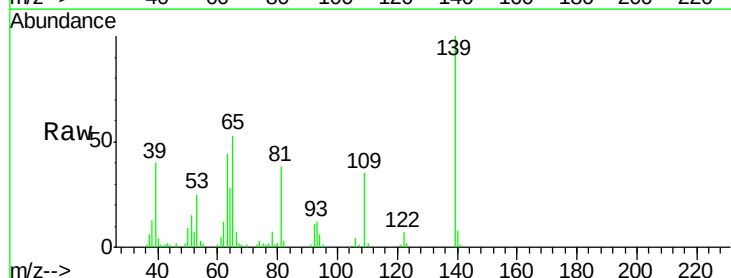
RT: 10.09 min Scan# 1192

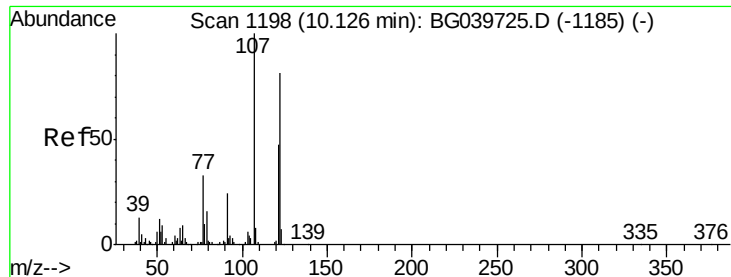
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	139	Resp:	72517
Ion Ratio		Lower	Upper
139	100		
109	35.4	23.4	35.0#
65	52.9	44.3	66.5





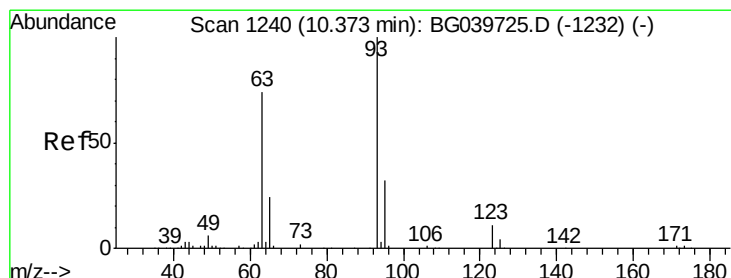
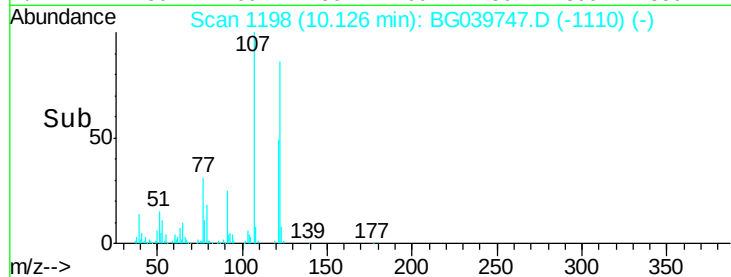
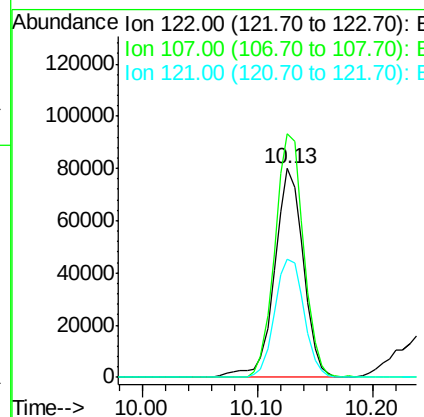
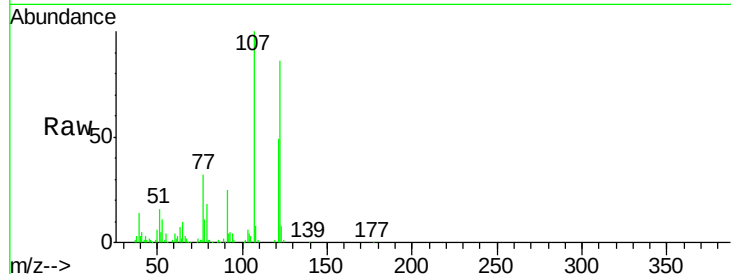
#27
 2,4-Dimethylphenol
 Concen: 51.372 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	139121		
107	116.6	91.7	137.5	
121	56.6	46.4	69.6	

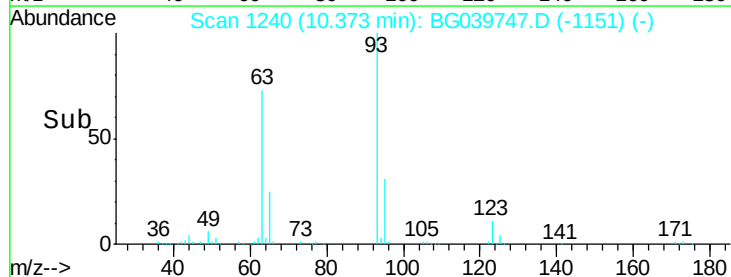
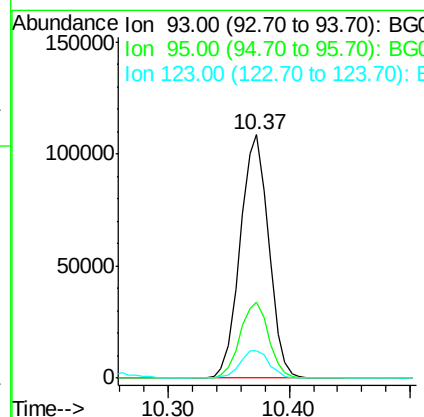
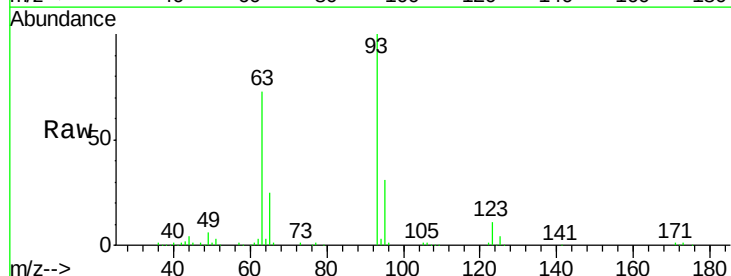
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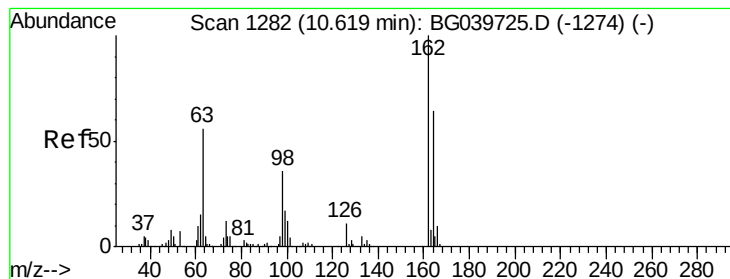
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.955 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	179273		
95	31.5	25.0	37.4	
123	11.4	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 47.450 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

Tgt Ion:162 Resp: 144677
Ion Ratio Lower Upper

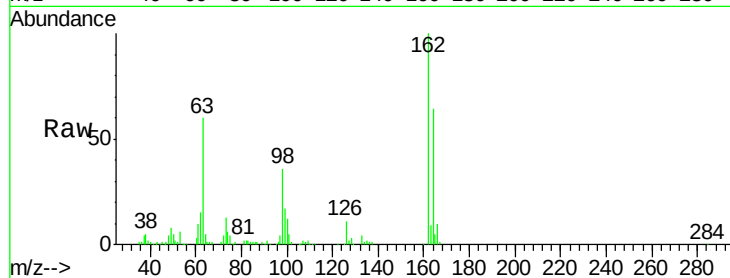
162 100

164 64.4 48.1 88.1

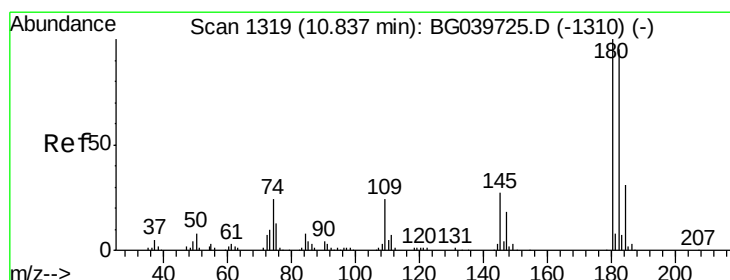
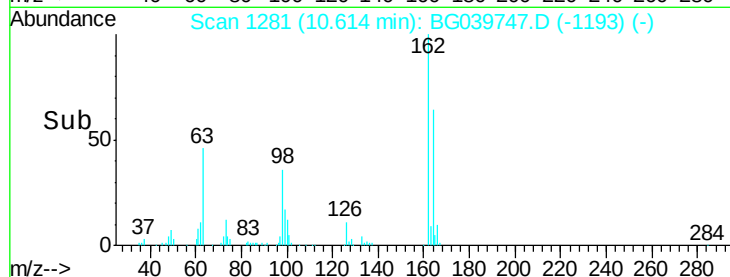
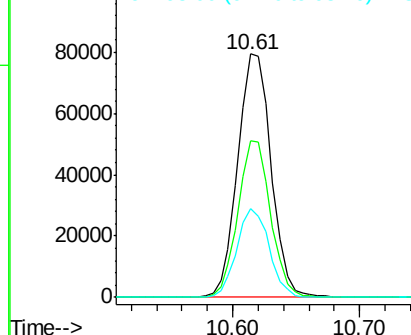
98 36.3 18.1 58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.078 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039747.D

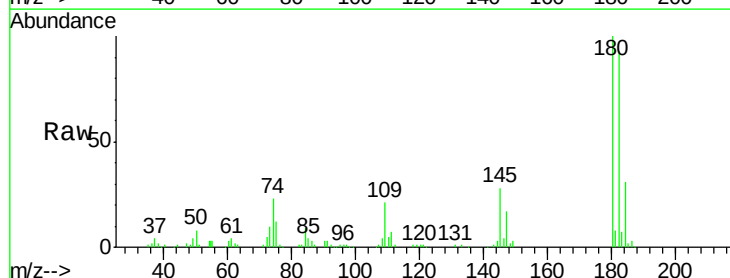
Acq: 5 Mar 2019 1:22

Tgt Ion:180 Resp: 140936
Ion Ratio Lower Upper

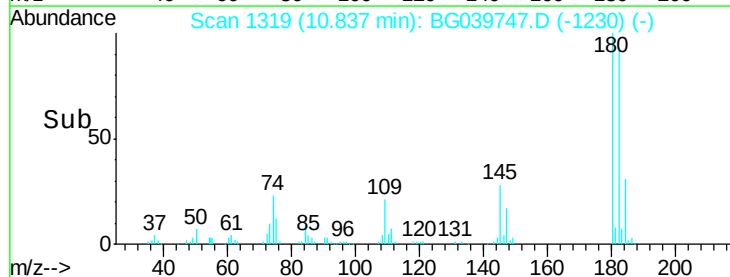
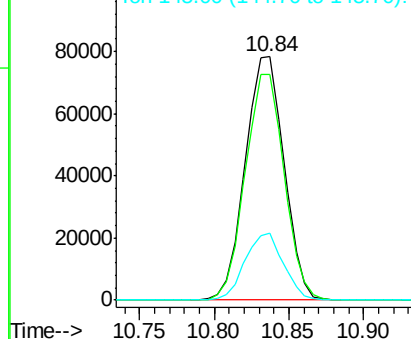
180 100

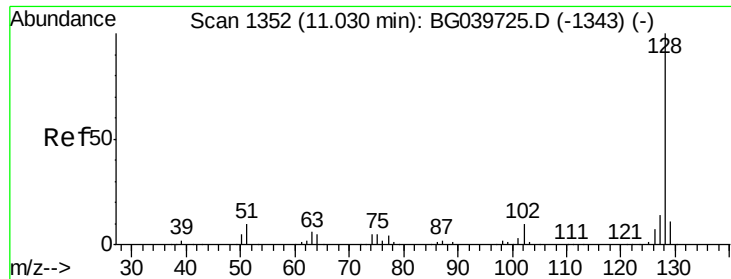
182 92.9 76.0 114.0

145 27.6 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





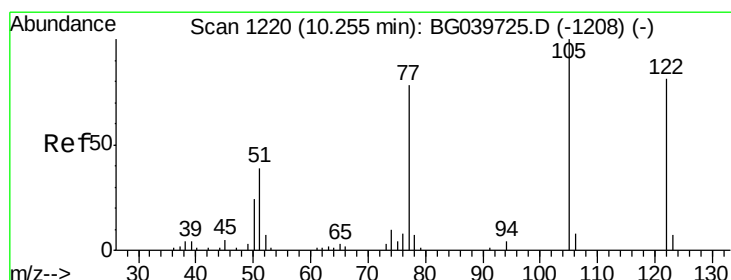
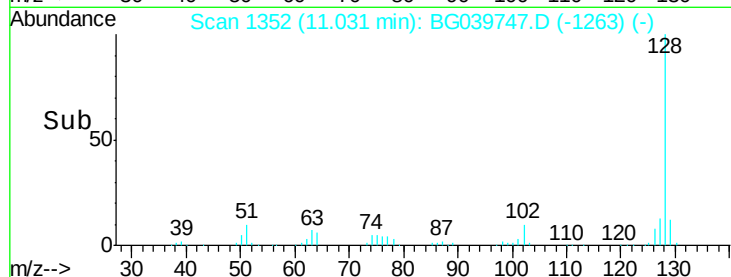
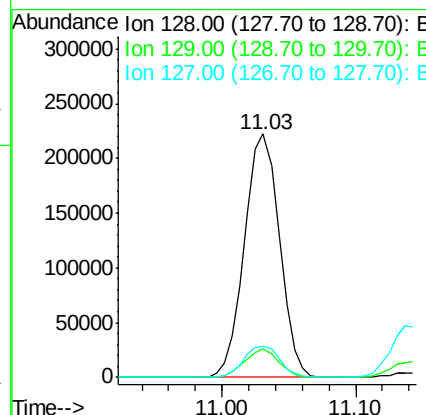
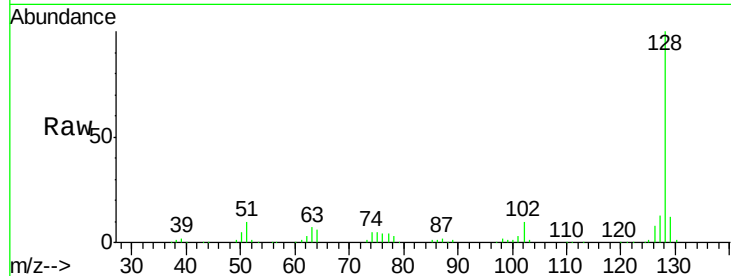
#31
Naphthalene
Concen: 40.923 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	402842		
129	11.7	8.7	13.1	
127	12.8	10.8	16.2	

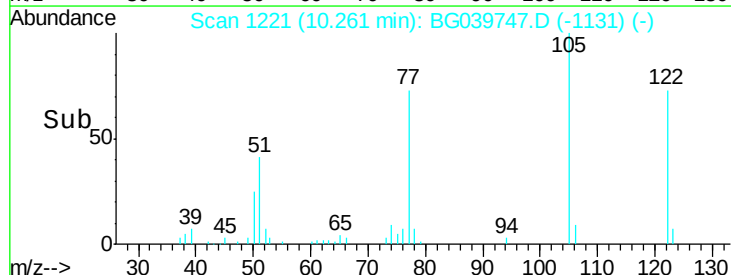
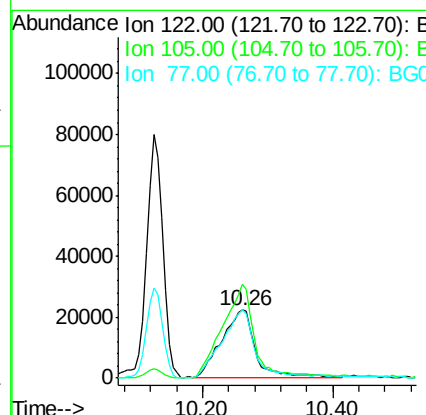
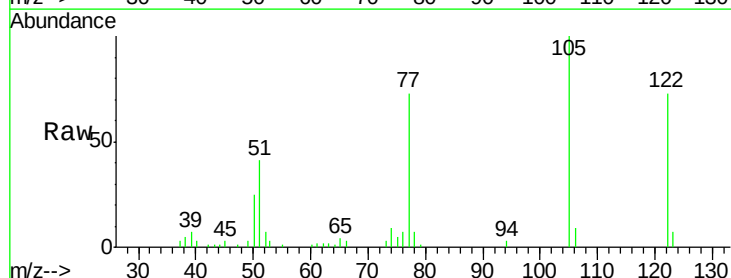
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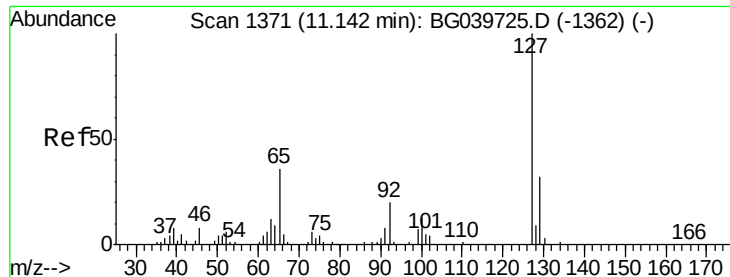
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#32
Benzoic acid
Concen: 44.597 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81916		
105	137.2	101.8	141.8	
77	100.6	76.3	116.3	





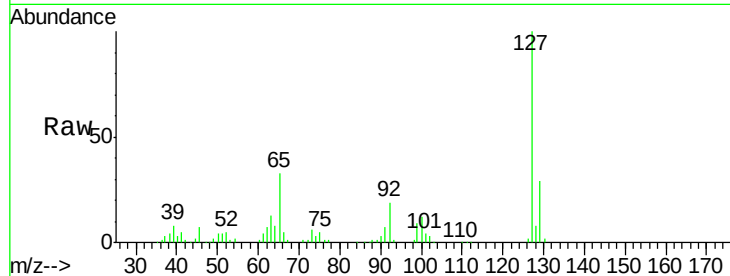
#33
4-Chloroaniline
Concen: 21.344 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

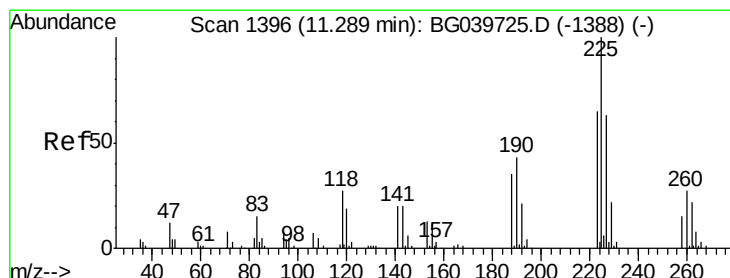
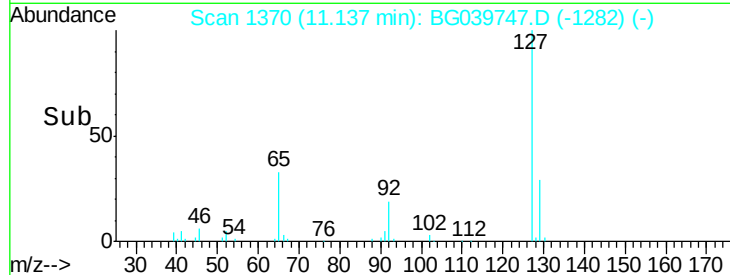
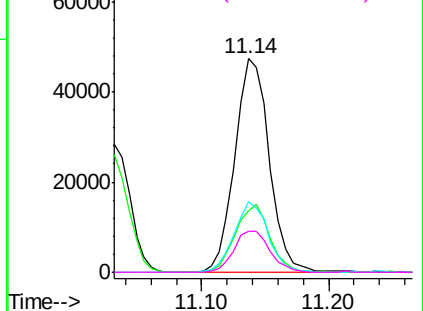
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	29.0	27.0	40.4
65	33.2	28.8	43.2
92	19.3	16.6	25.0

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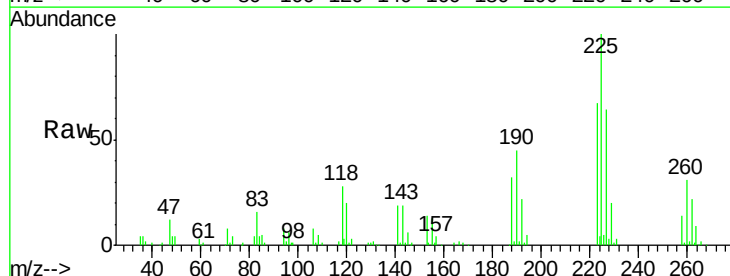


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

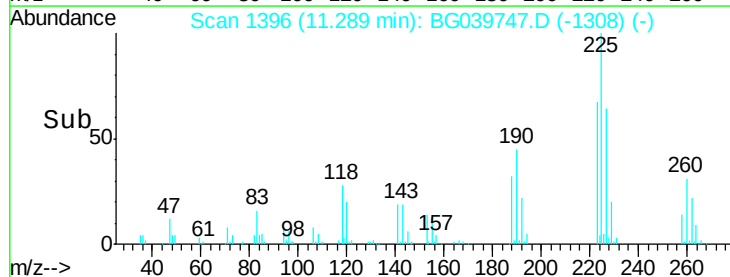
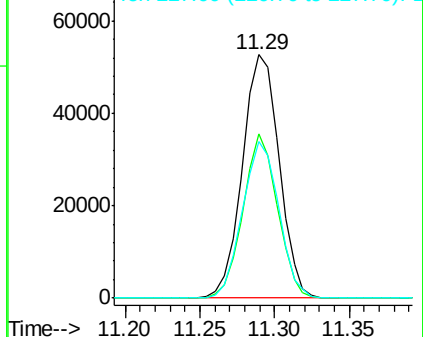


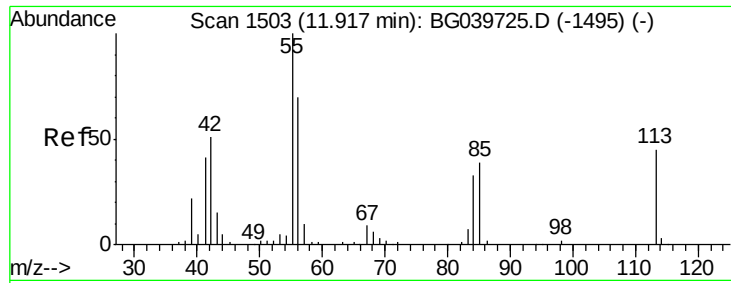
#34
Hexachlorobutadiene
Concen: 38.233 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	67.3	49.0	73.6
227	64.5	46.3	69.5



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: 43.937 ng m

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

PB117574BS

Tgt Ion:113 Resp: 51174

Ion Ratio Lower Upper

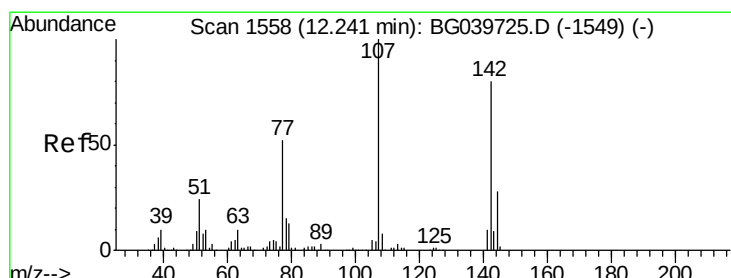
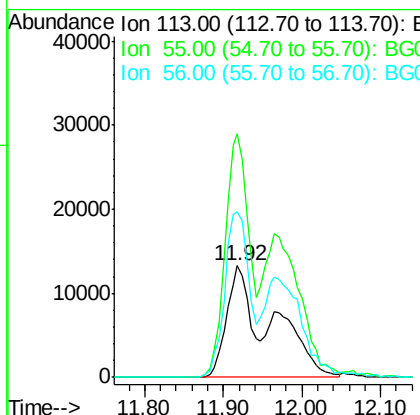
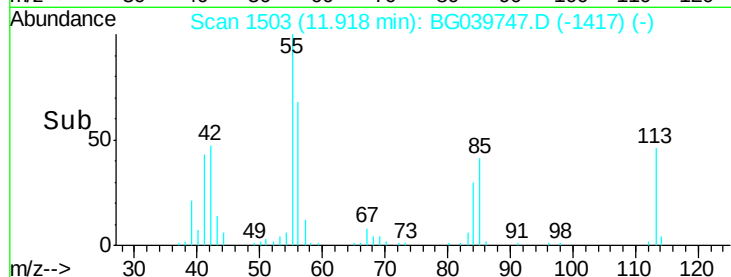
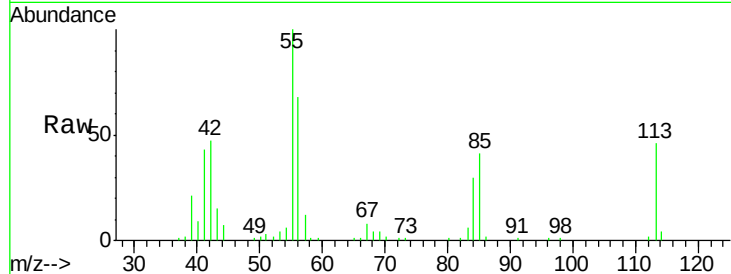
113 100

55 218.3 216.9 256.9

56 148.2 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 44.874 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

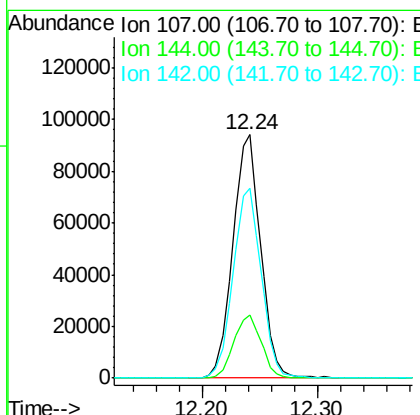
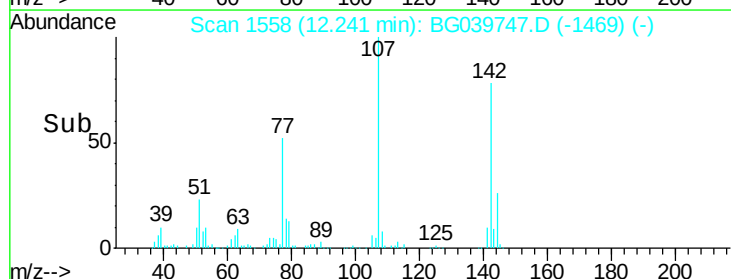
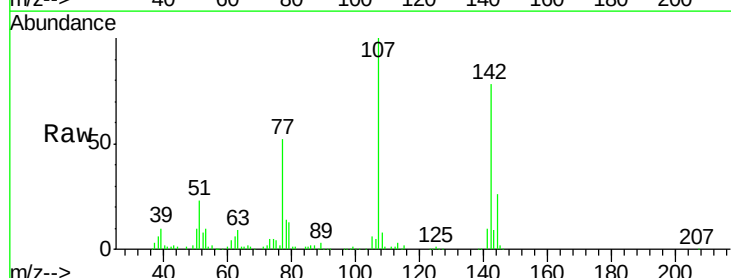
Tgt Ion:107 Resp: 156842

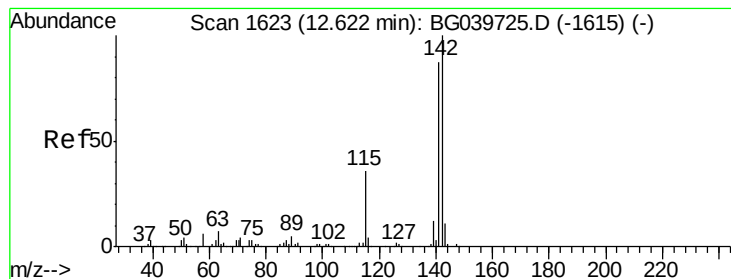
Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

142 77.7 61.4 92.2





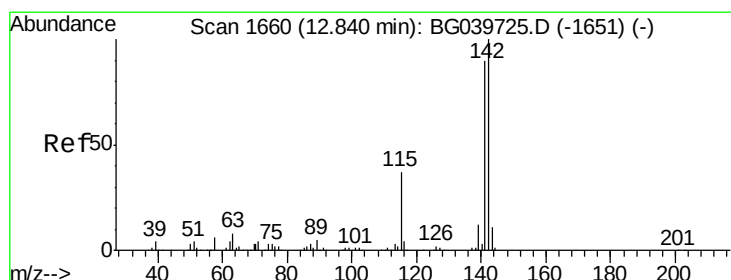
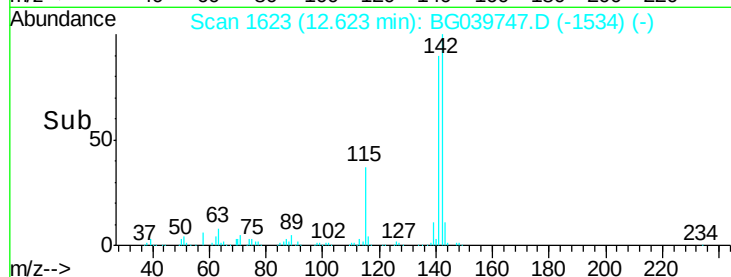
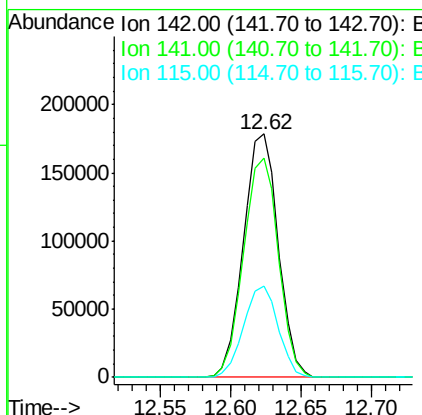
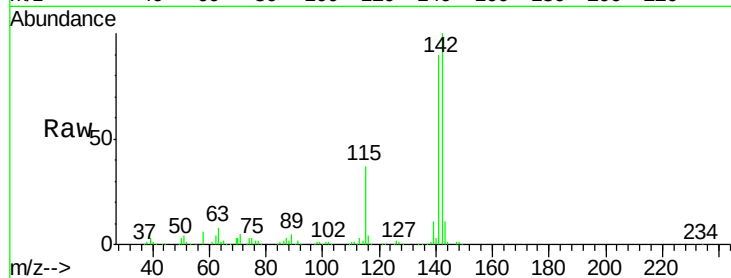
#37
 2-Methylnaphthalene
 Concen: 41.939 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	308654		
141	89.9	73.5	110.3	
115	37.5	30.8	46.2	

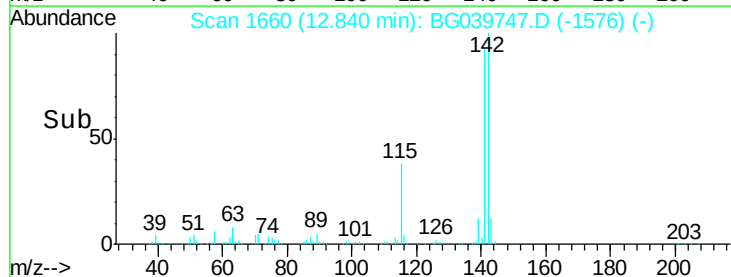
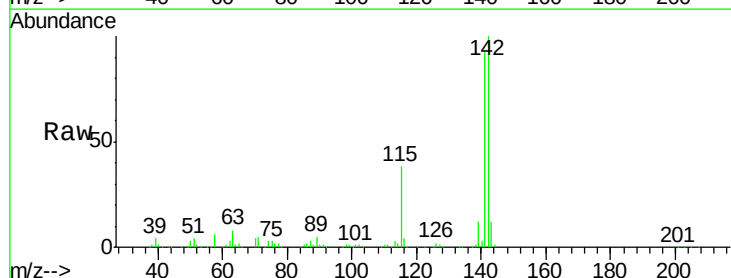
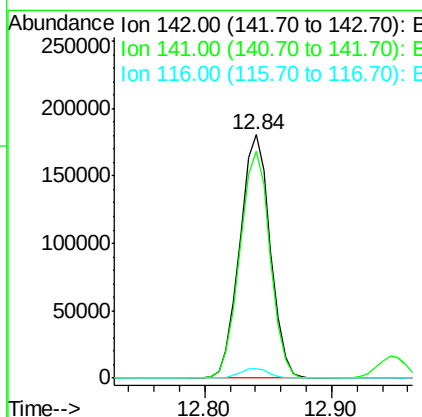
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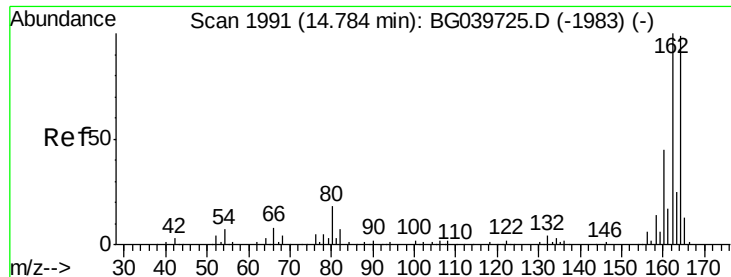
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#38
 1-Methylnaphthalene
 Concen: 41.825 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	299136		
141	93.2	74.2	111.4	
116	4.0	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

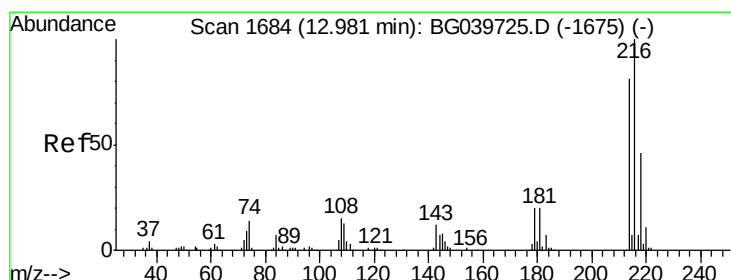
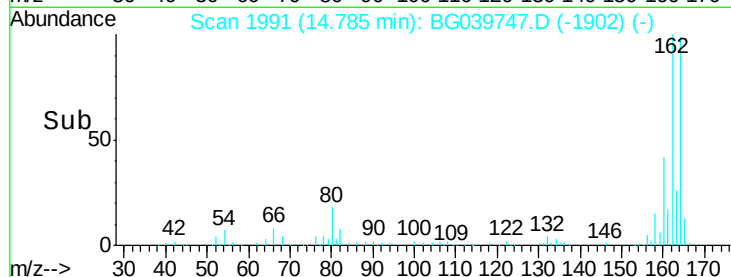
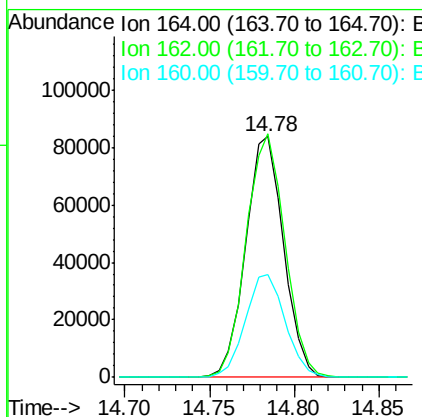
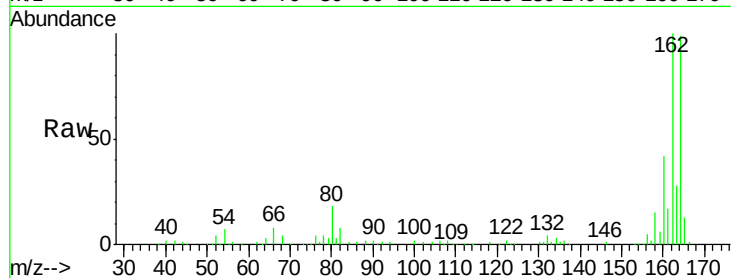
ClientSampleId :

PB117574BS

Tgt Ion:	164	Resp:	130454
Ion Ratio	Lower	Upper	
164	100		
162	101.2	81.6	122.4
160	42.7	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.450 ng

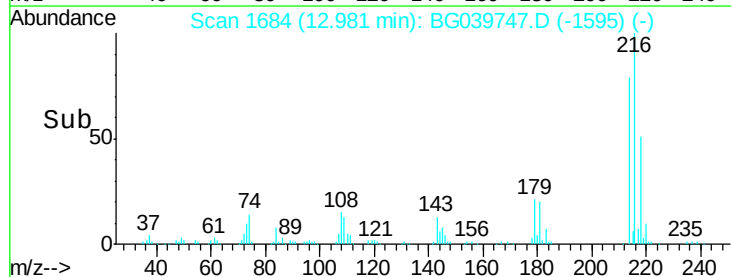
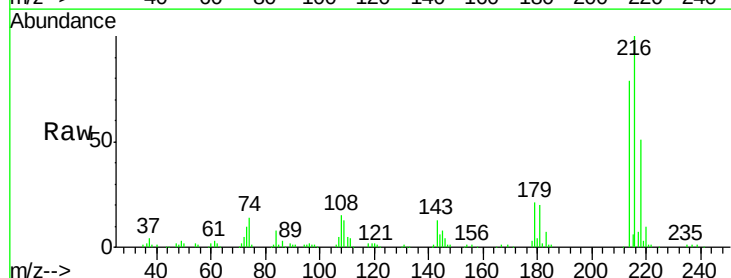
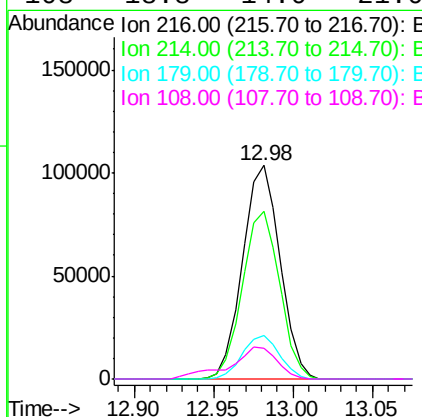
RT: 12.98 min Scan# 1684

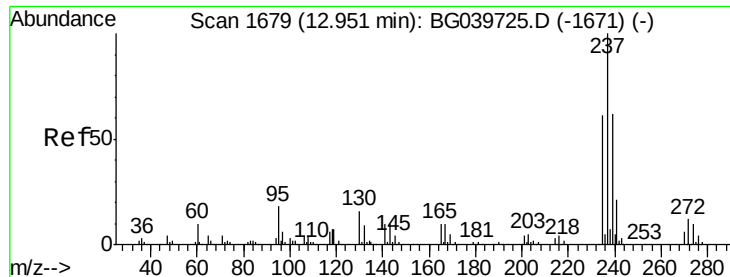
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	216	Resp:	169926
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.6	94.0
179	20.5	16.6	25.0
108	18.8	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 100.911 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

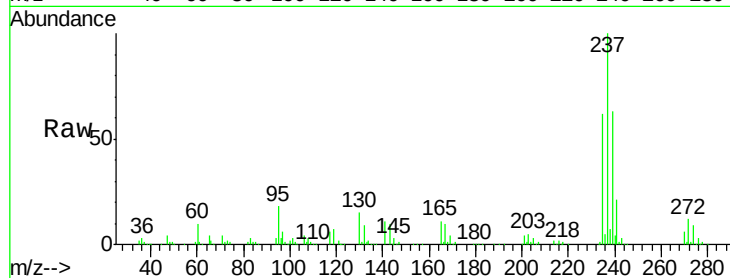
ClientSampleId :

PB117574BS

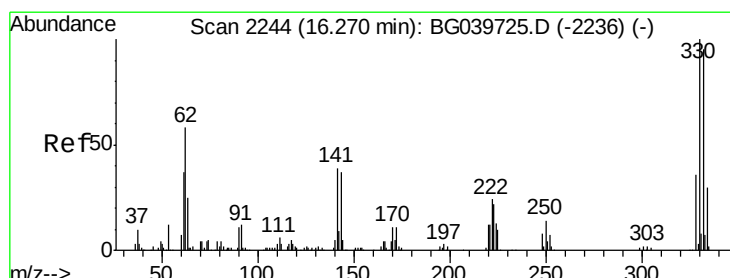
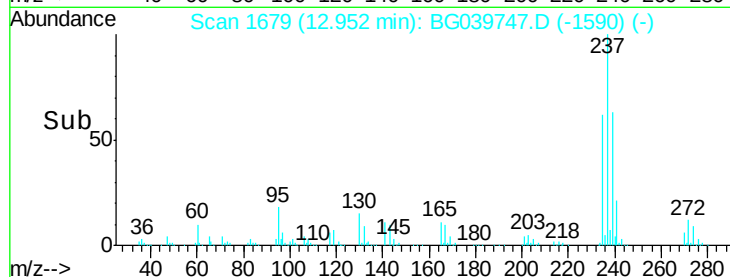
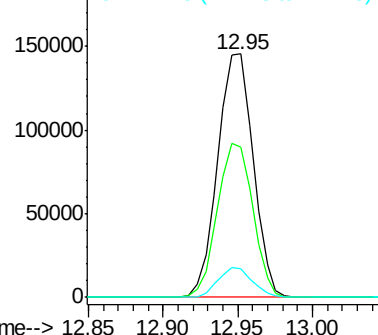
Tgt Ion:	237	Resp:	238999
Ion Ratio		Lower	Upper
237	100		
235	61.5	43.3	83.3
272	11.9	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 134.480 ng

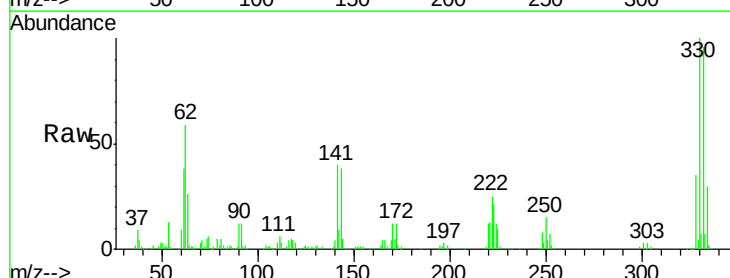
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

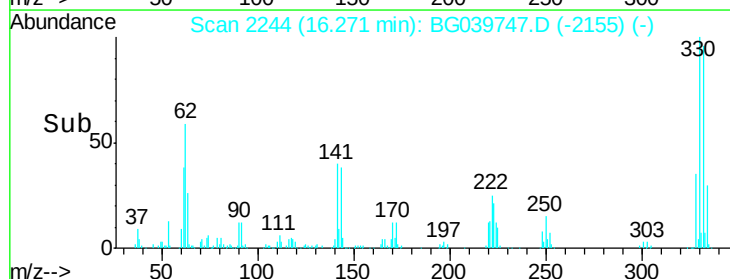
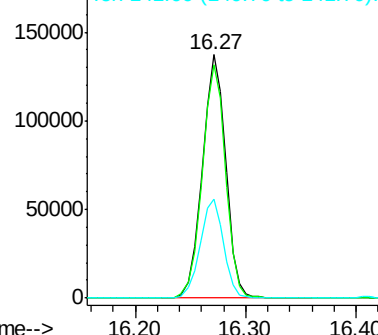
Lab File: BG039747.D

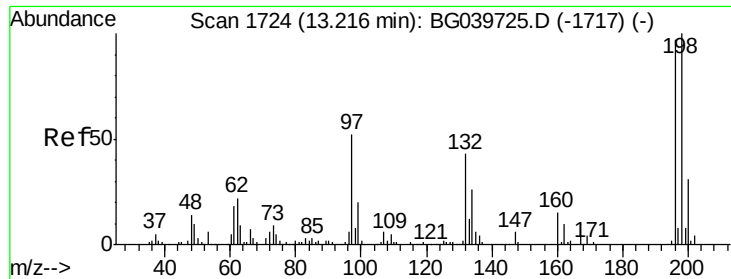
Acq: 5 Mar 2019 1:22

Tgt Ion:	330	Resp:	204482
Ion Ratio		Lower	Upper
330	100		
332	95.3	75.7	113.5
141	40.7	35.6	53.4



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





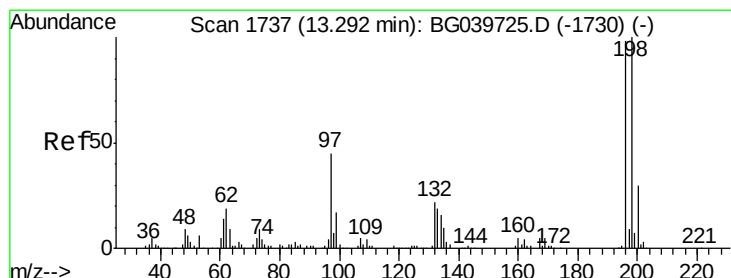
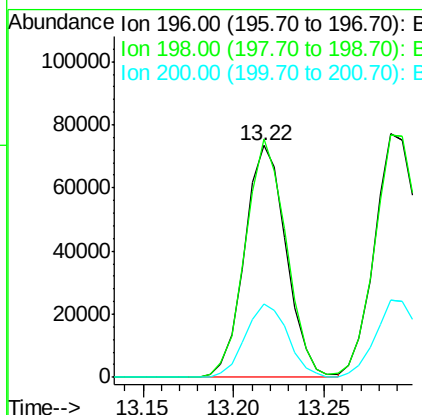
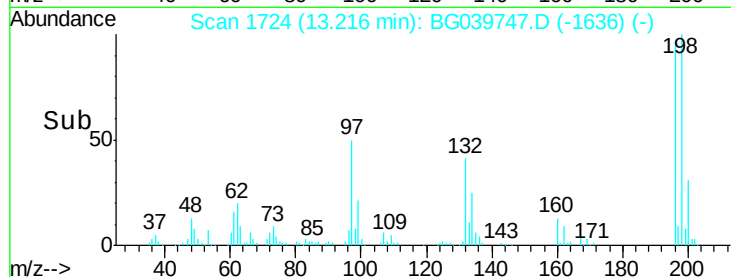
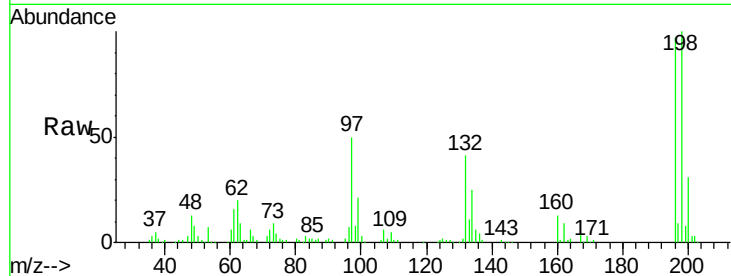
#43
 2,4,6-Trichlorophenol
 Concen: 45.627 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampled :
 PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118056		
198	103.1	80.6	121.0	
200	31.7	26.1	39.1	

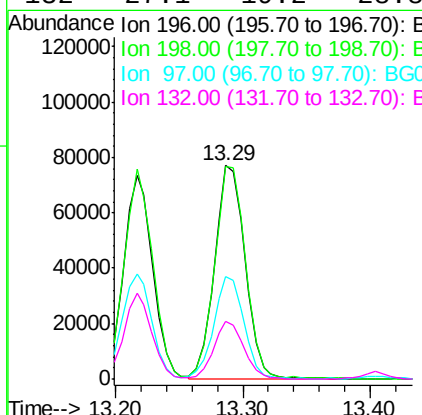
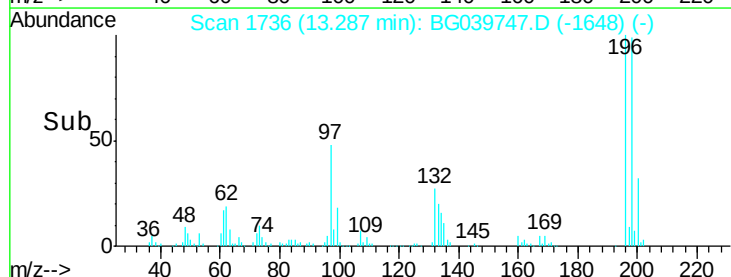
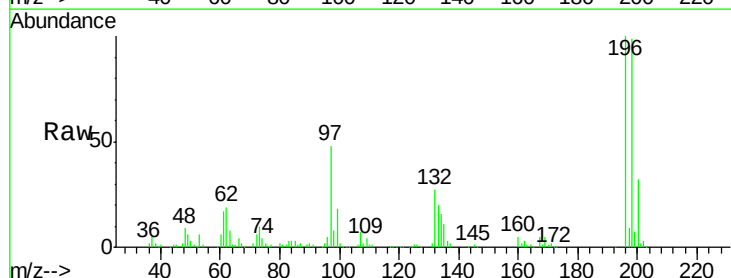
Manual Integrations
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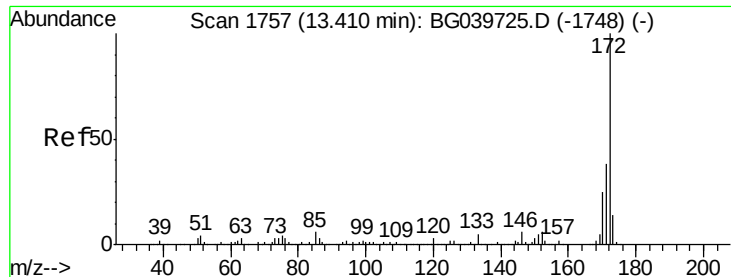
Sohil
 3/5/2019 5:21:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.176 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128836		
198	99.5	78.5	117.7	
97	48.1	38.4	57.6	
132	27.1	19.2	28.8	





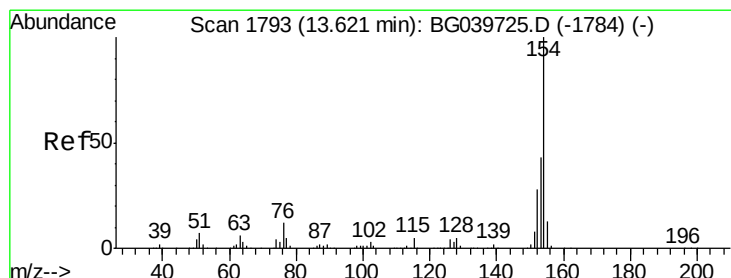
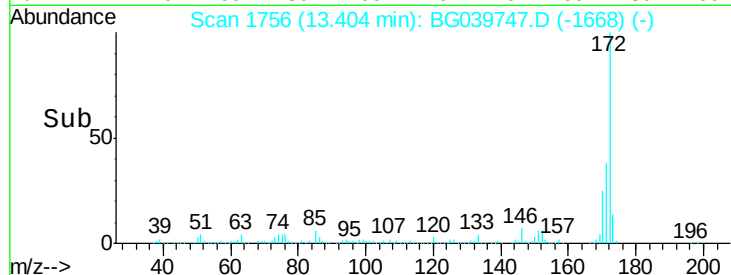
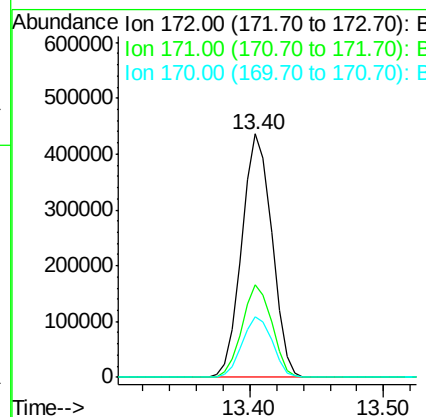
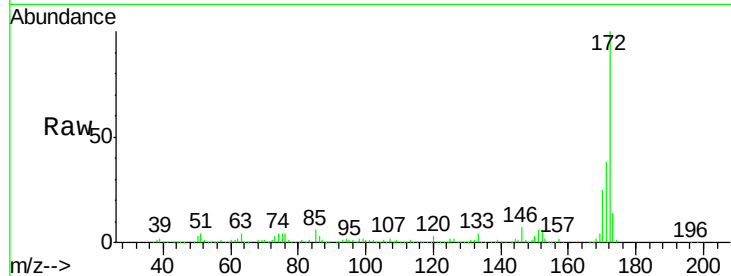
#45
2-Fluorobiphenyl
Concen: 74.258 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.0	30.8	46.2
170	24.7	20.2	30.4

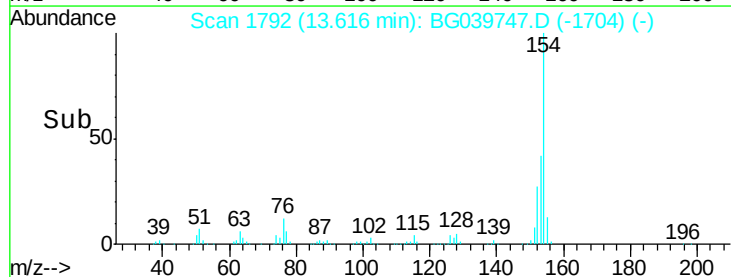
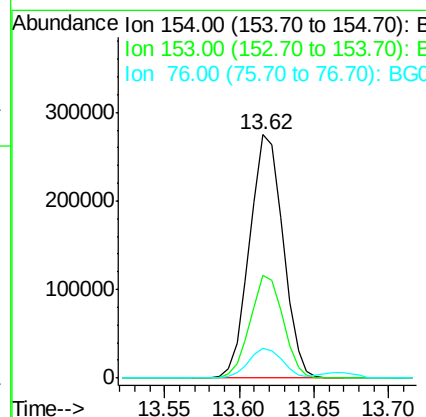
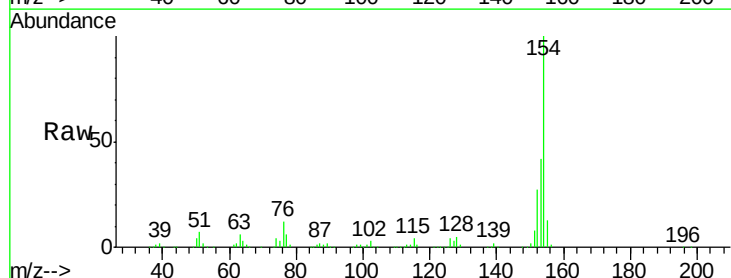
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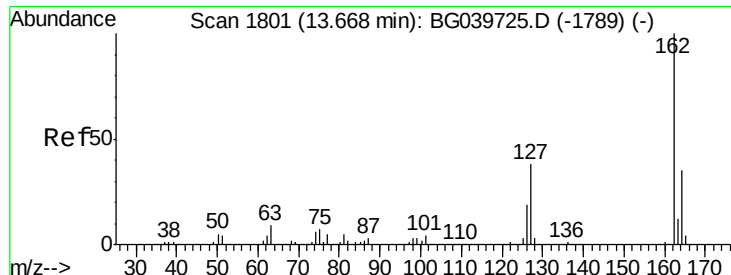
Sohil
3/5/2019 5:21:45 PM



#46
1,1'-Biphenyl
Concen: 39.607 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.3	22.1	62.1
76	12.3	0.0	32.4





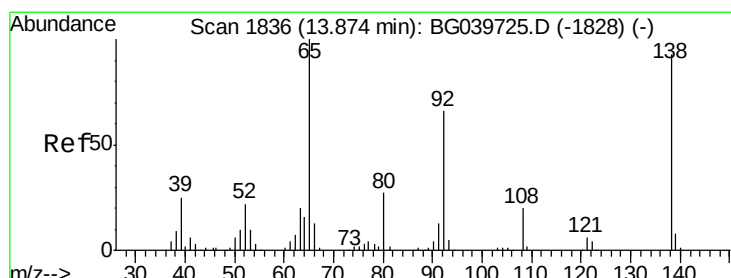
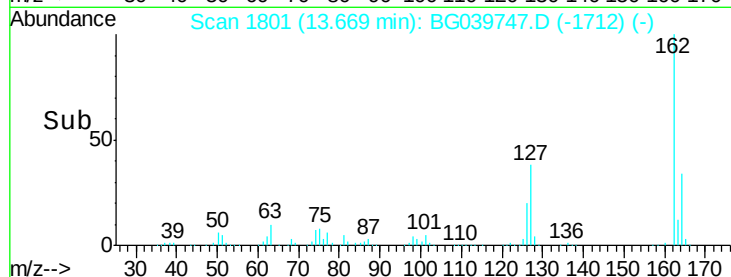
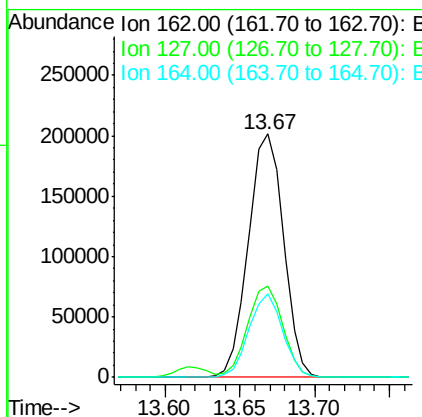
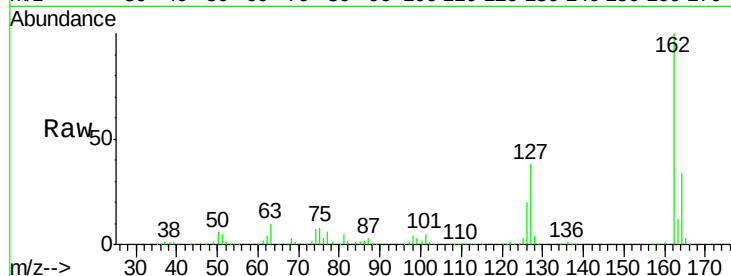
#47
 2-Chloronaphthalene
 Concen: 40.594 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleID :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.6
164	34.2	25.7	38.5

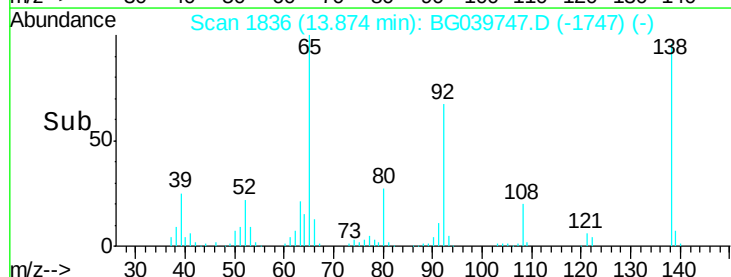
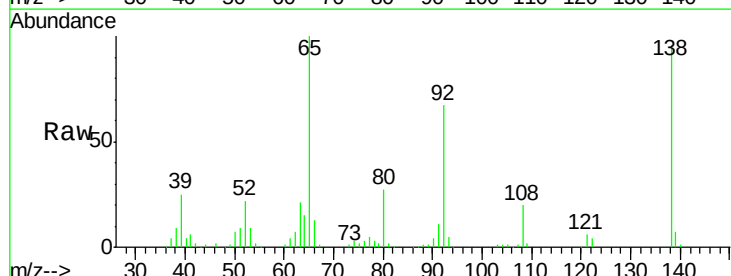
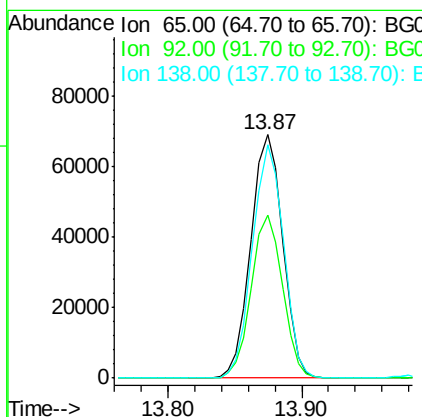
Manual Integrations
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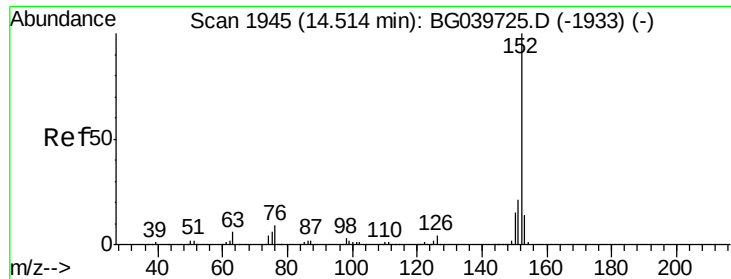
Sohil
 3/5/2019 5:21:45 PM



#48
 2-Nitroaniline
 Concen: 43.948 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	51.4	77.2
138	96.1	71.4	107.2





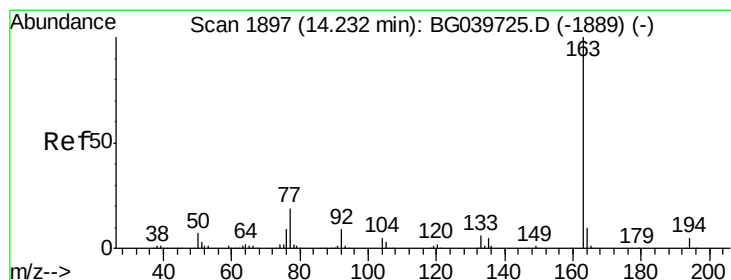
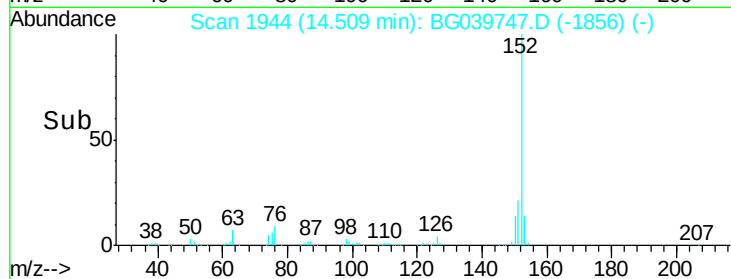
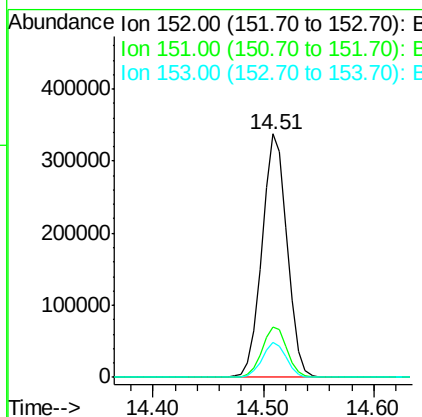
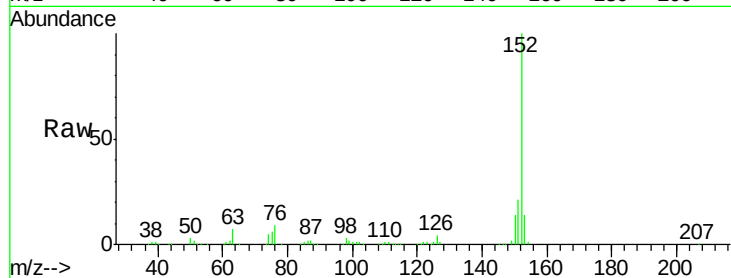
#49
Acenaphthylene
Concen: 40.500 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.9	16.8	25.2
153	14.1	11.7	17.5

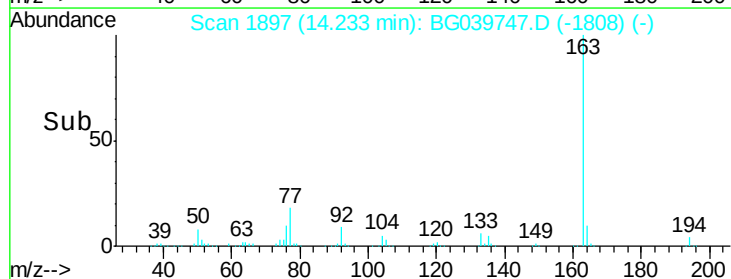
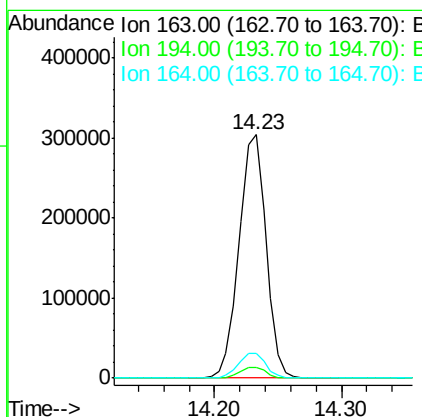
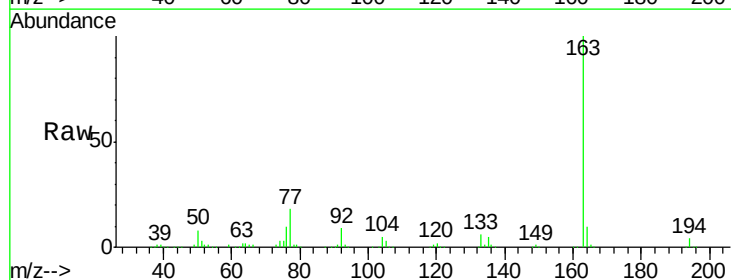
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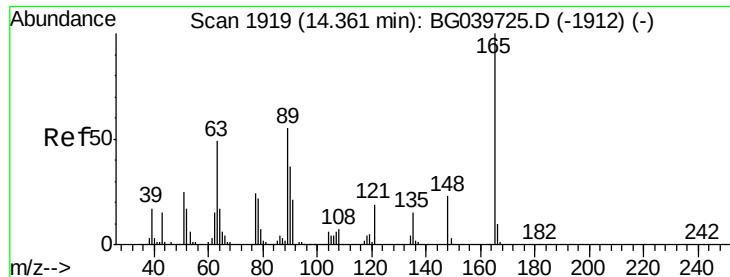
Sohil
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#50
Dimethylphthalate
Concen: 41.075 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.6	5.4
164	10.3	8.4	12.6





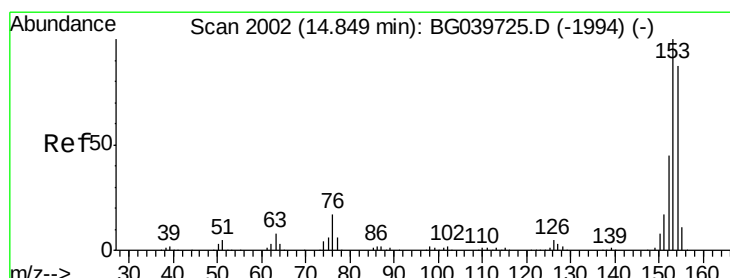
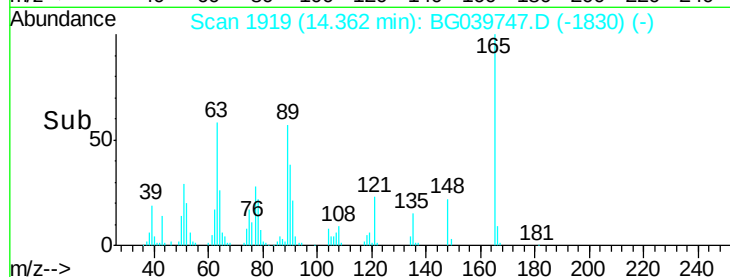
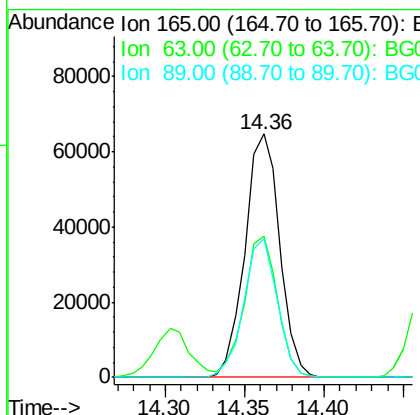
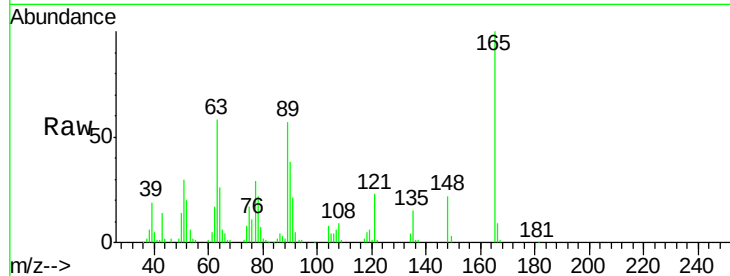
#51
2,6-Dinitrotoluene
Concen: 42.507 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98299		
63	57.8	47.0	70.6	
89	56.8	45.8	68.8	

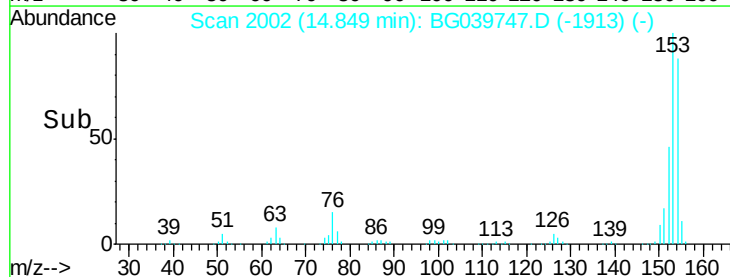
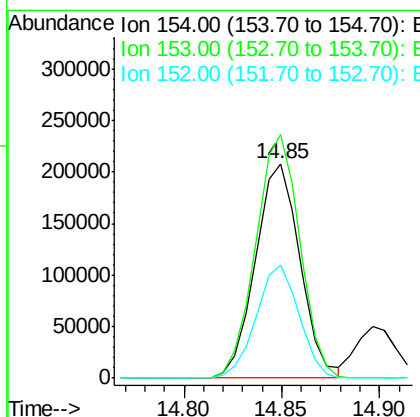
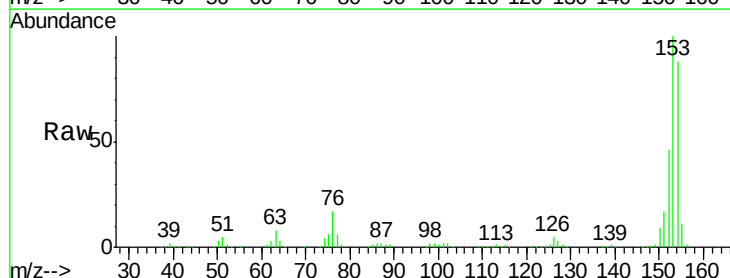
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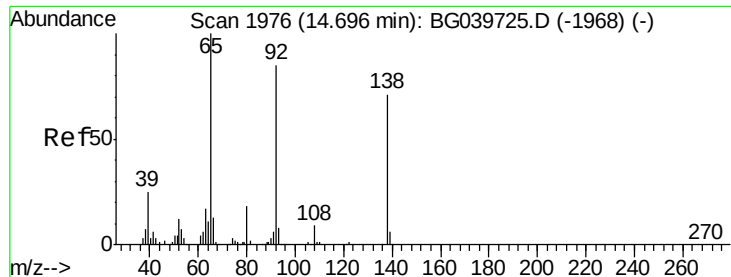
Sohil
3/5/2019 5:21:45 PM



#52
Acenaphthene
Concen: 41.205 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	328619		
153	113.6	90.1	135.1	
152	52.5	40.9	61.3	





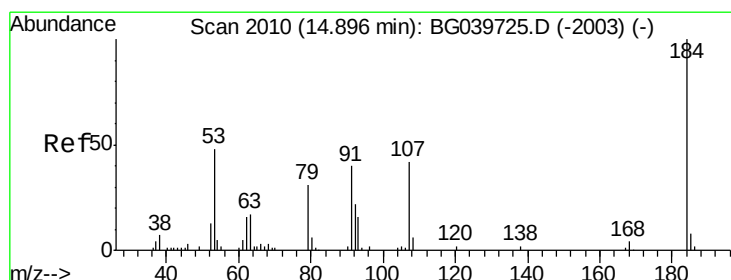
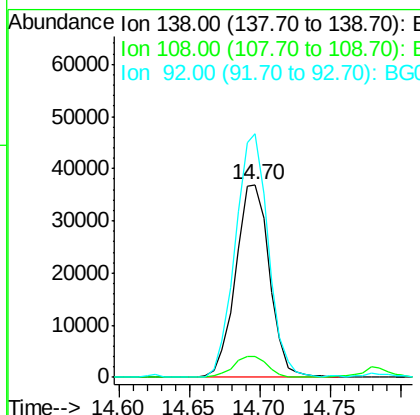
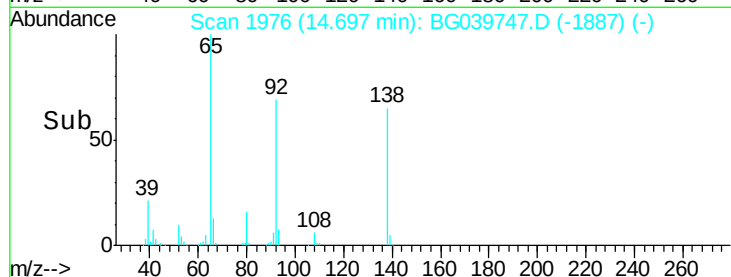
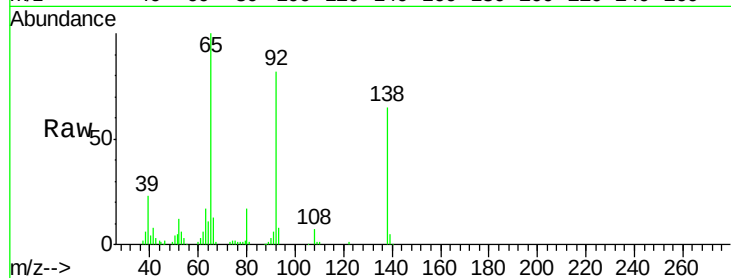
#53
3-Nitroaniline
Concen: 26.576 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion:138 Resp: 61778
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 126.2 103.7 155.5

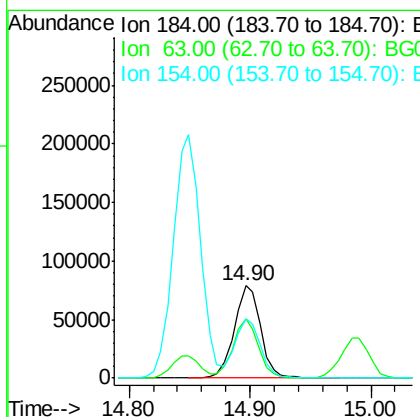
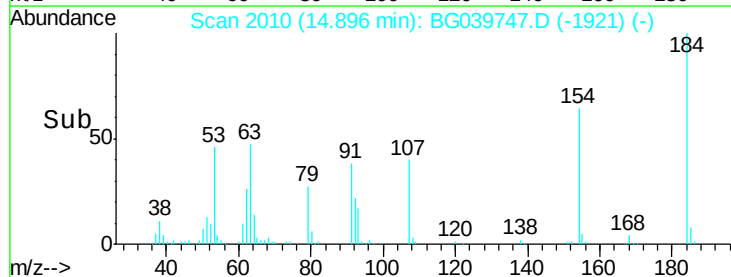
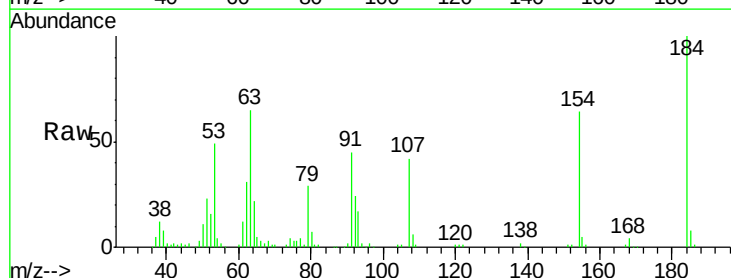
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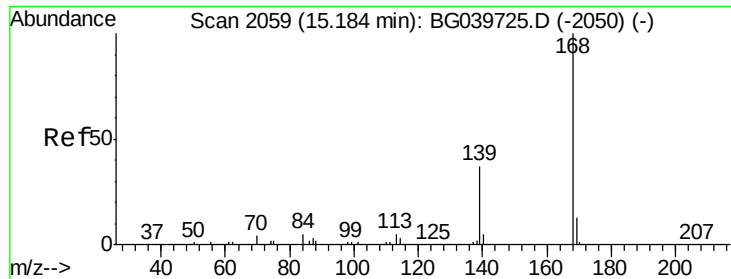
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3/5/2019 5:21:45 PM



#54
2,4-Dinitrophenol
Concen: 81.952 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion:184 Resp: 119717
Ion Ratio Lower Upper
184 100
63 64.7 50.9 76.3
154 64.2 53.0 79.6





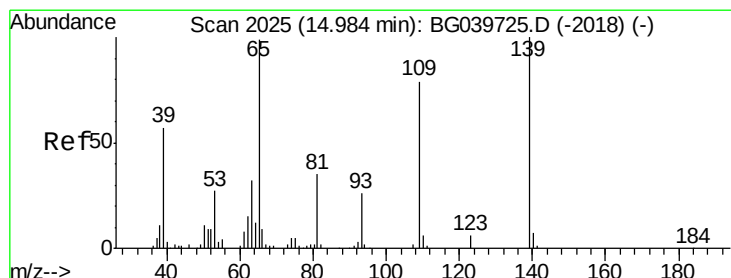
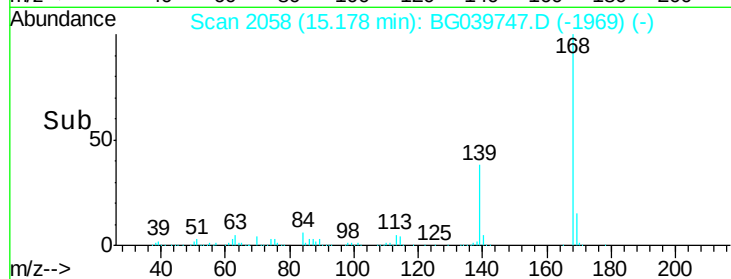
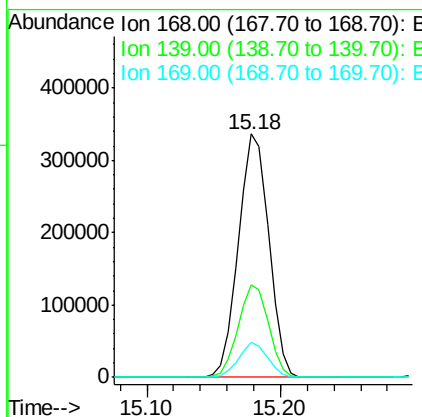
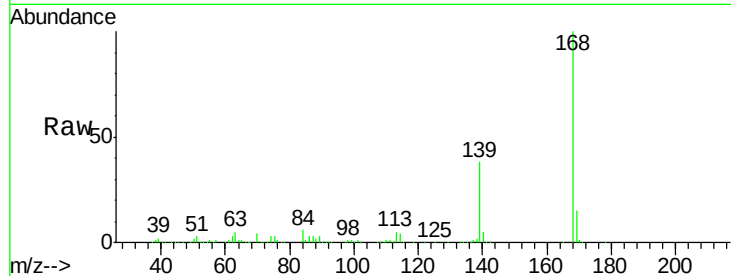
#55
Dibenzenofuran
Concen: 40.489 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	529795		
139	37.9	30.1	45.1	
169	14.6	10.6	16.0	

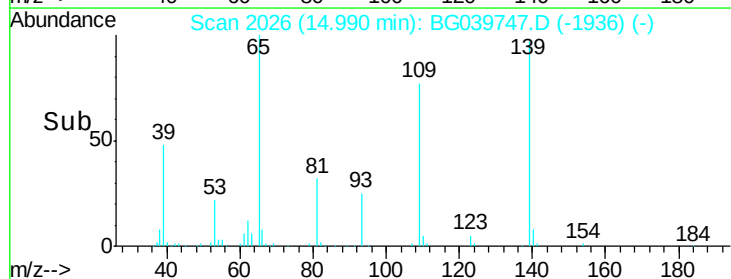
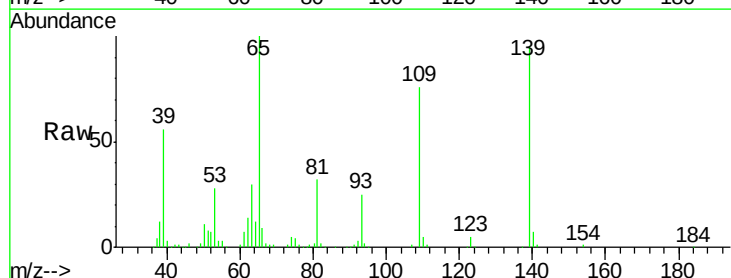
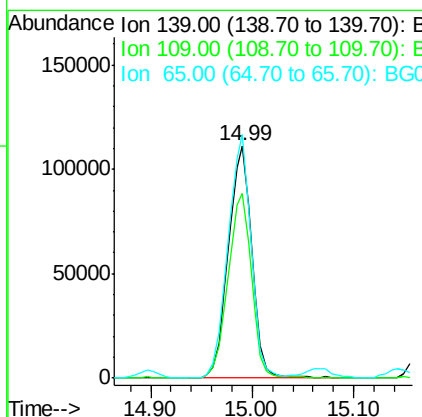
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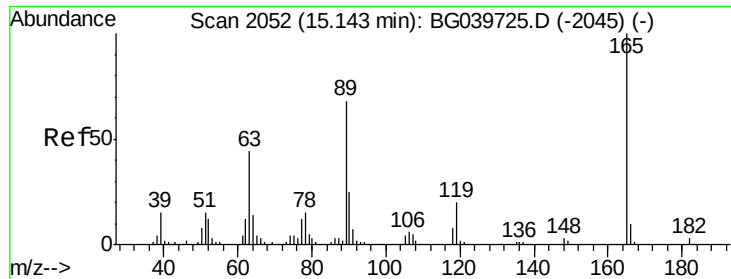
Sohil
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#56
4-Nitrophenol
Concen: 85.682 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178176		
109	79.3	61.9	101.9	
65	104.8	99.1	139.1	





#57

2,4-Dinitrotoluene

Concen: 43.341 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG039747.D

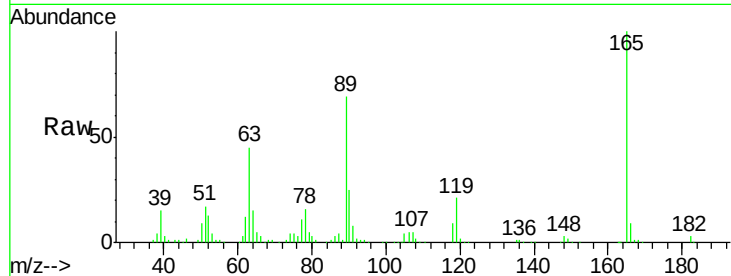
Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

ClientSampleId :

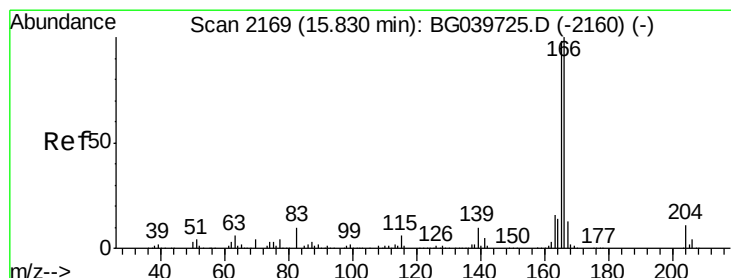
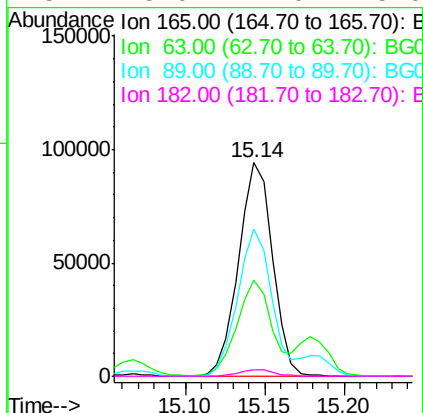
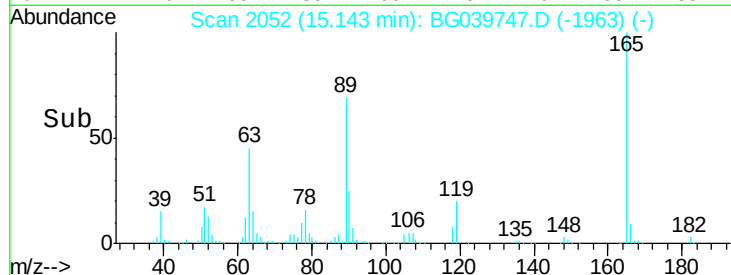
PB117574BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140830		
63	44.8	41.0	61.6	
89	68.8	64.6	96.8	
182	3.0	2.0	3.0#	

Manual Integrations
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3/5/2019 5:21:45 PM



#58

Fluorene

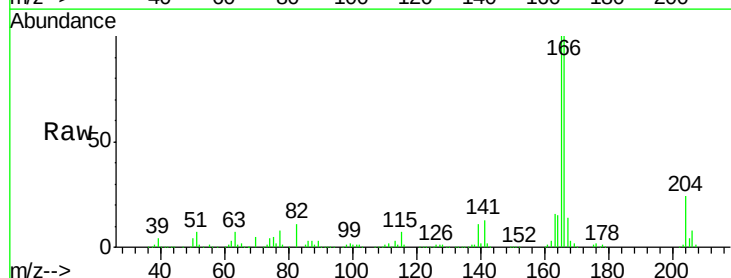
Concen: 41.026 ng

RT: 15.82 min Scan# 2168

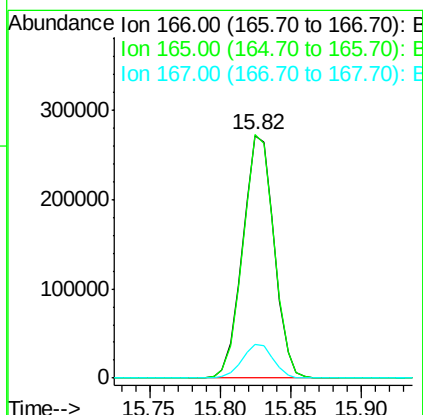
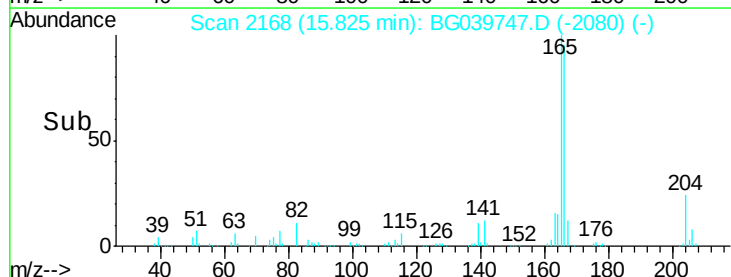
Delta R.T. -0.01 min

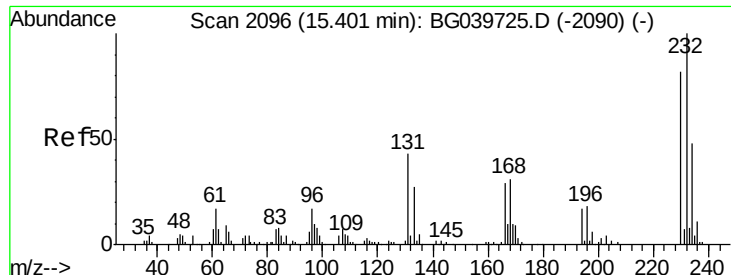
Lab File: BG039747.D

Acq: 5 Mar 2019 1:22



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	422019		
165	100.2	77.9	116.9	
167	14.1	10.8	16.2	





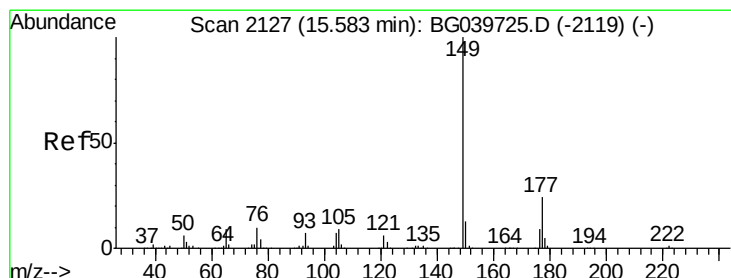
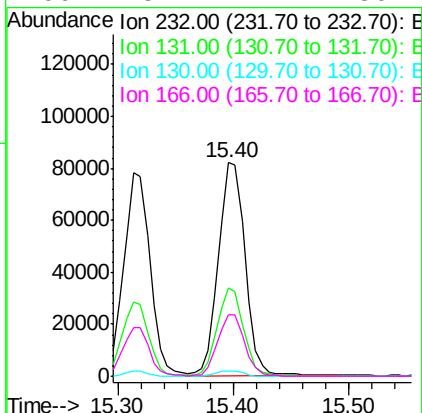
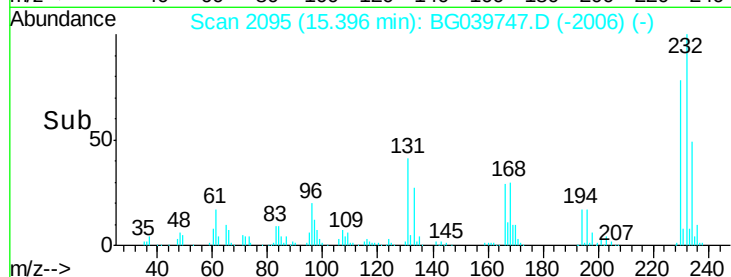
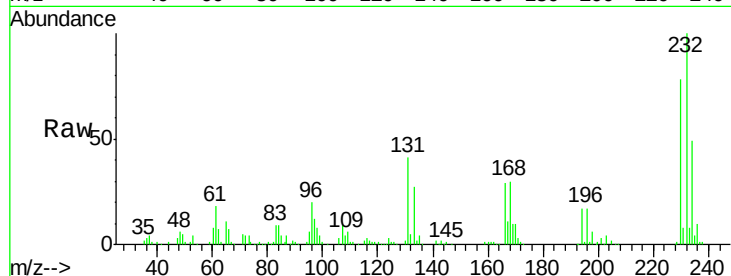
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.162 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	131482		
131	41.3	34.9	52.3	
130	2.4	2.0	3.0	
166	28.7	24.1	36.1	

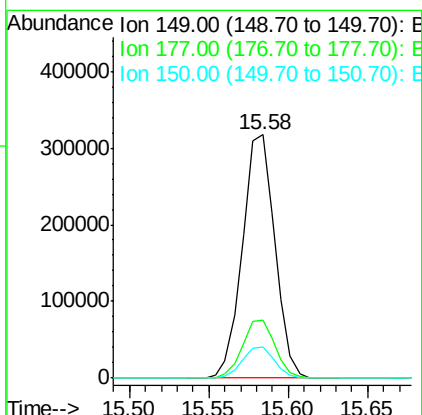
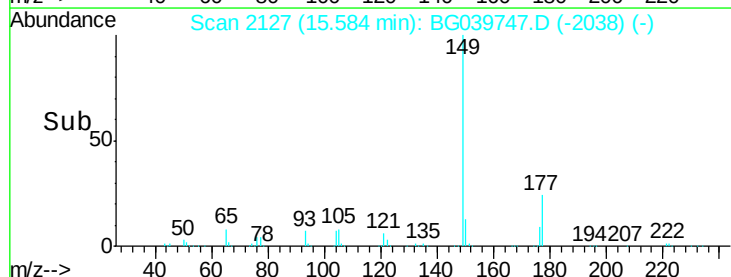
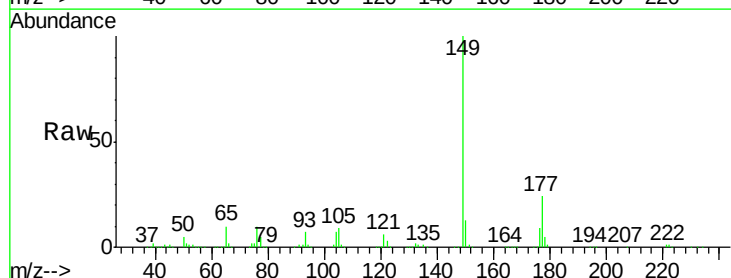
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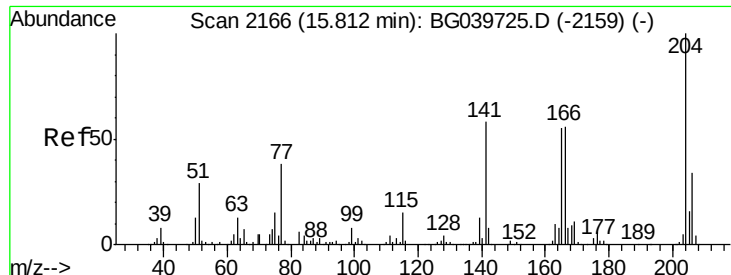
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#60
Diethylphthalate
Concen: 41.750 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	450843		
177	23.9	18.3	27.5	
150	13.0	10.2	15.2	





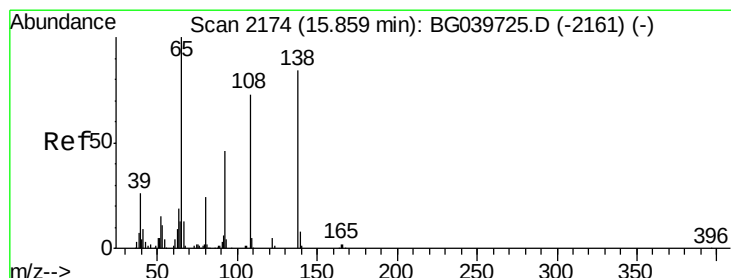
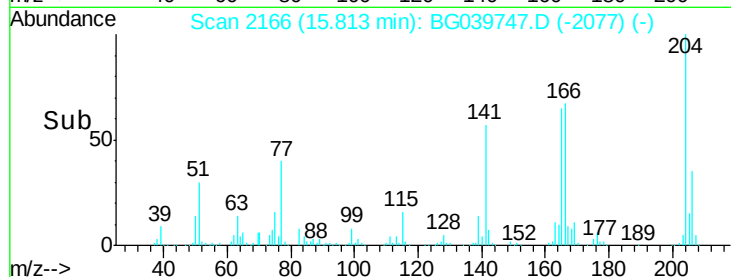
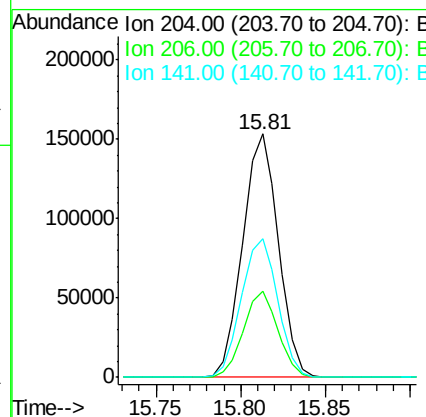
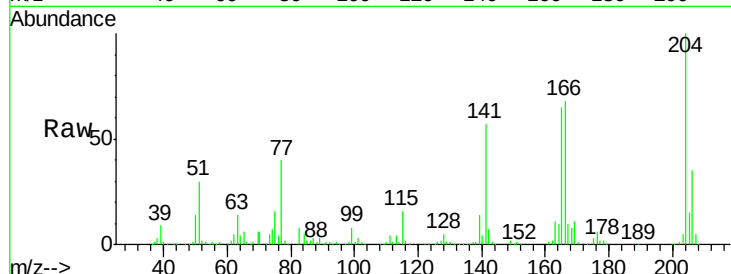
#61
4-Chlorophenyl-phenylether
Concen: 41.020 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	35.5	29.2	43.8
141	56.9	49.0	73.4

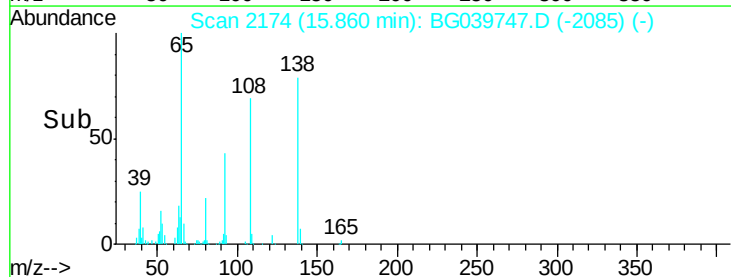
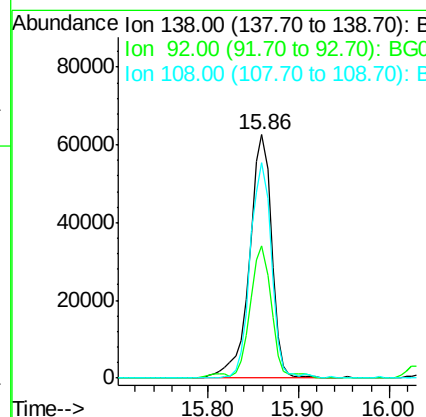
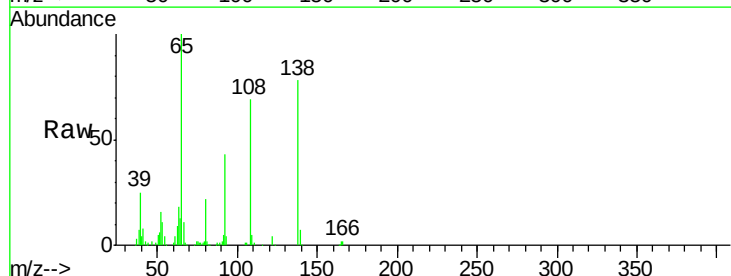
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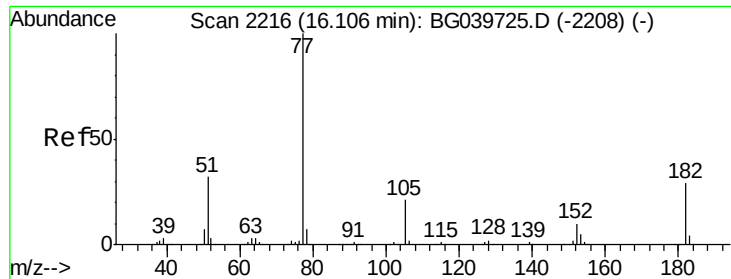
Sohil
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#62
4-Nitroaniline
Concen: 42.075 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	54.5	38.7	78.7
108	88.4	74.6	114.6





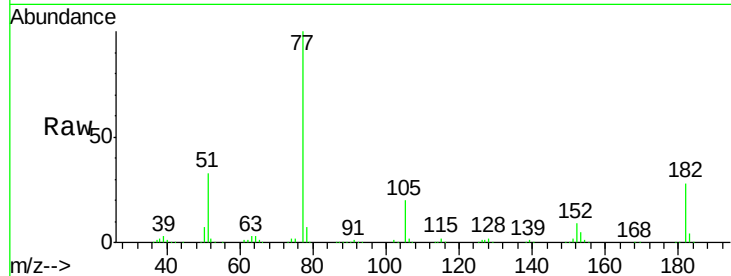
#63
Azobenzene
Concen: 41.299 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

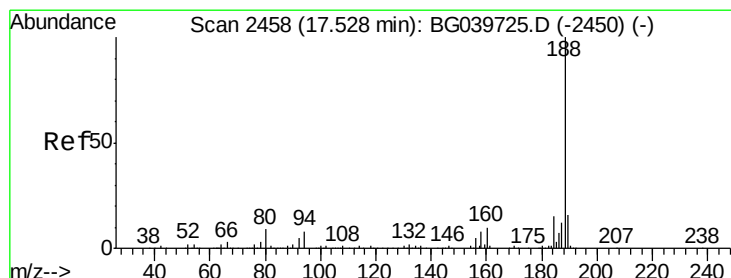
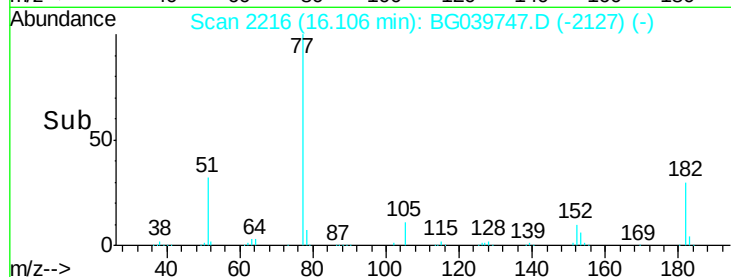
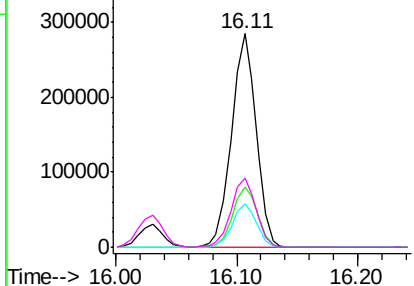
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	6.4	46.4	
105	20.3	0.0	39.8	
51	32.6	14.1	54.1	

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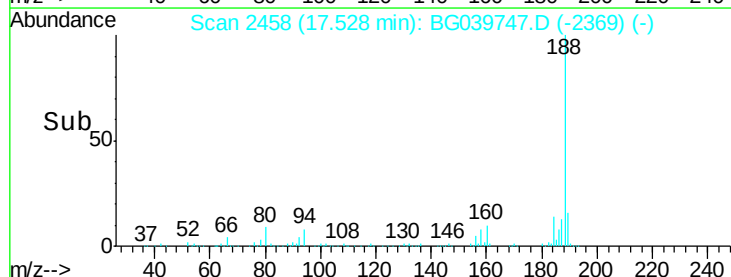
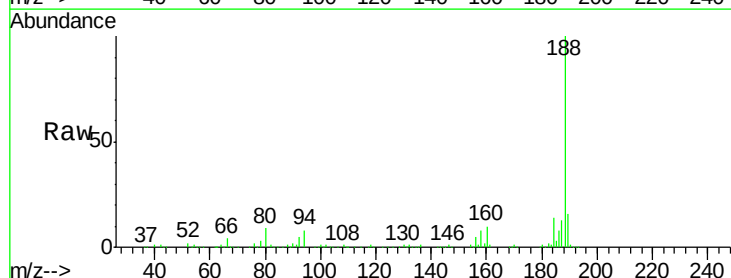
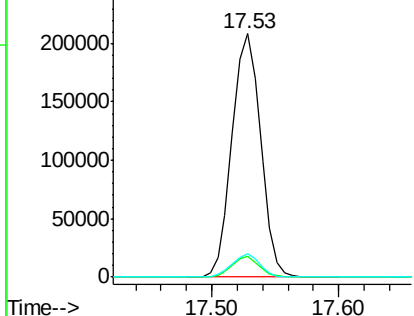
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

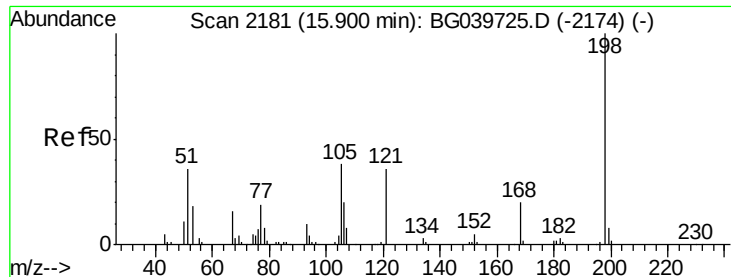


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	6.9	10.3	
80	9.4	8.1	12.1	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.415 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

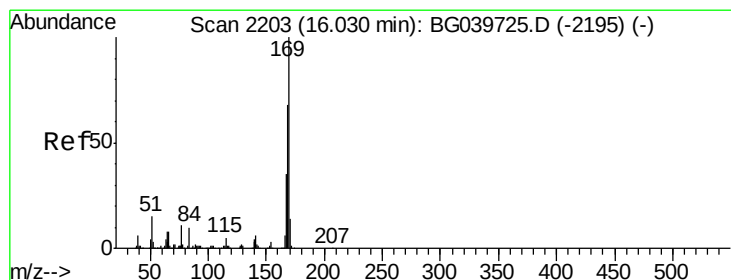
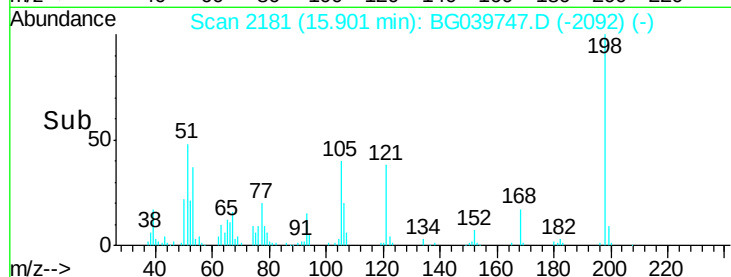
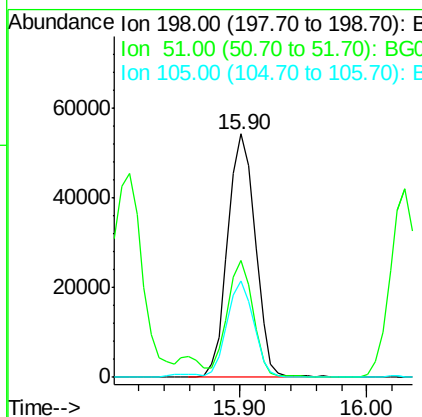
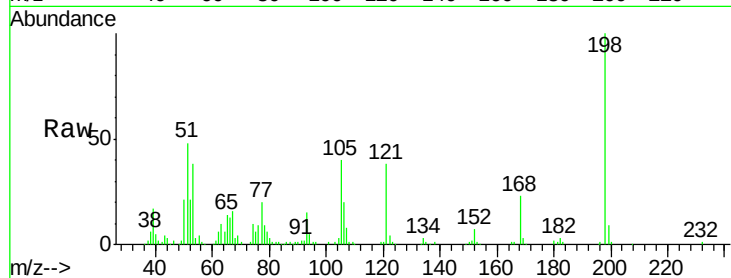
ClientSampleId :

PB117574BS

Tgt Ion:	198	Resp:	81662
Ion Ratio	Lower	Upper	
198	100		
51	48.0	27.4	67.4
105	39.8	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 41.887 ng

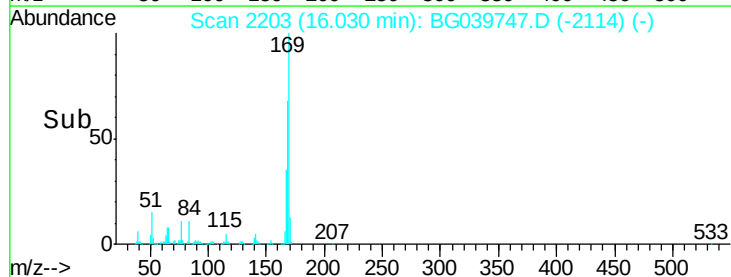
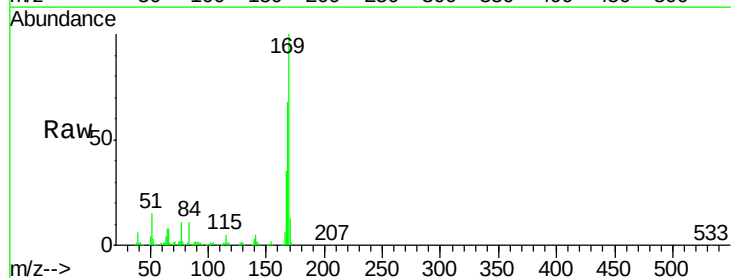
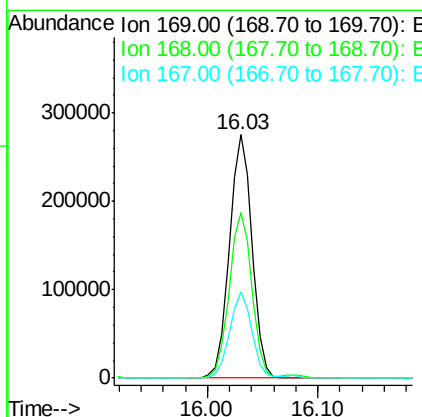
RT: 16.03 min Scan# 2203

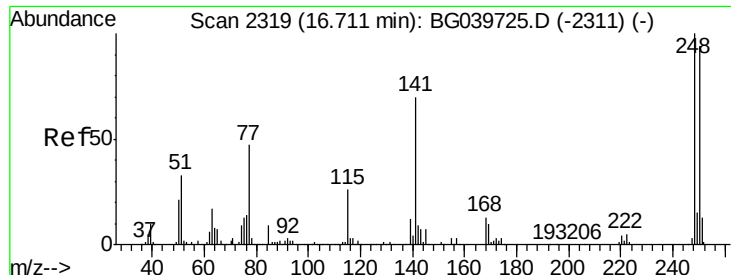
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	169	Resp:	394862
Ion Ratio	Lower	Upper	
169	100		
168	68.1	56.6	85.0
167	35.3	28.8	43.2





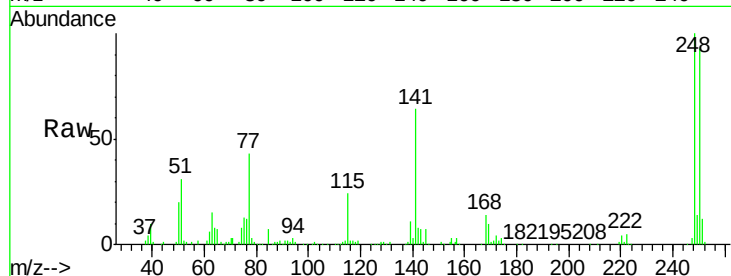
#67
4-Bromophenyl-phenylether
Concen: 40.791 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampled :
PB117574BS

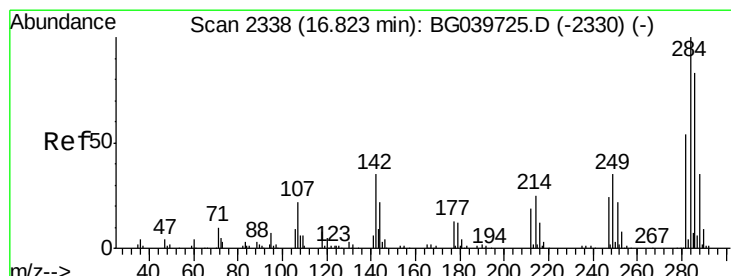
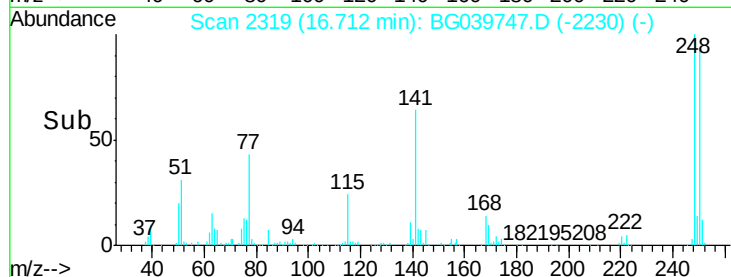
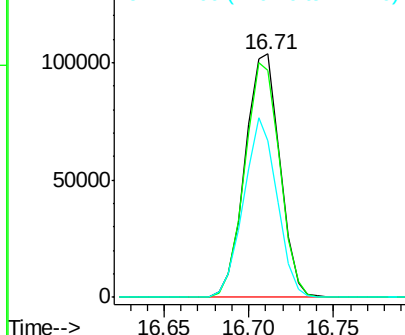
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	148675		
250	93.2	77.6	116.4	
141	64.1	63.9	95.9	

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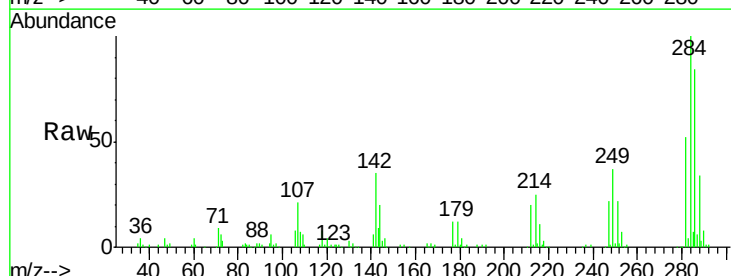


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

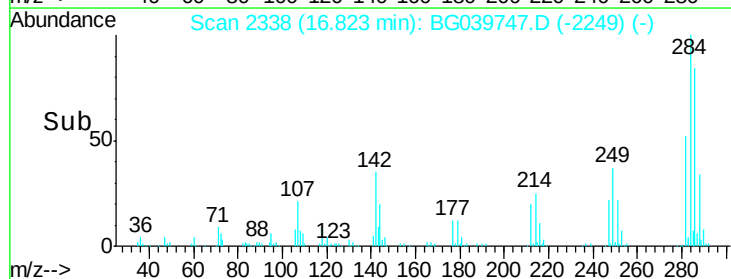
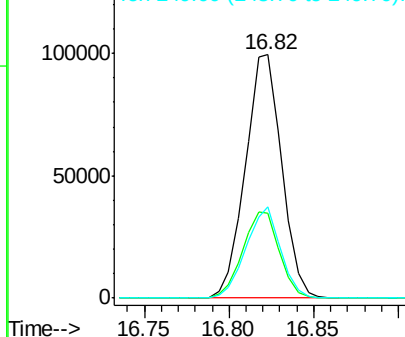


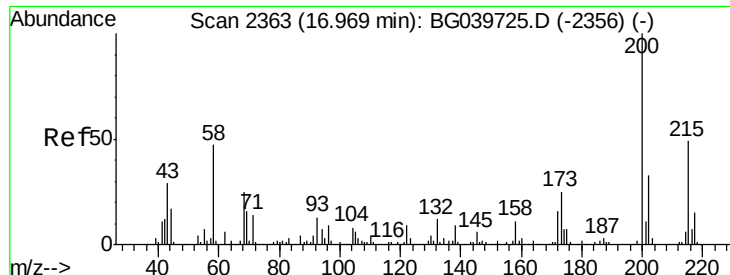
#68
Hexachlorobenzene
Concen: 39.366 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	148729		
142	34.7	30.6	45.8	
249	37.3	28.2	42.2	



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





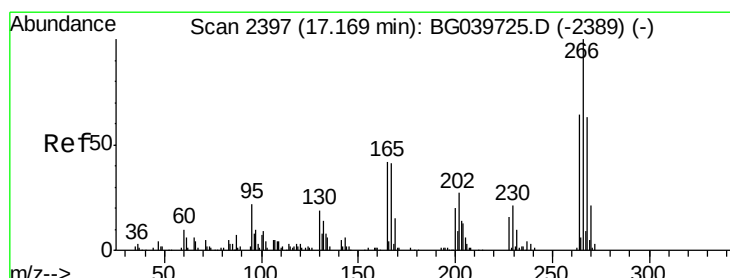
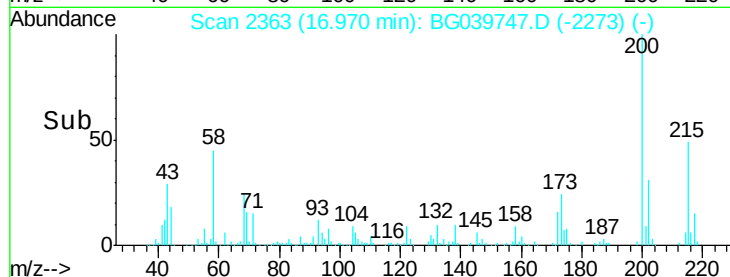
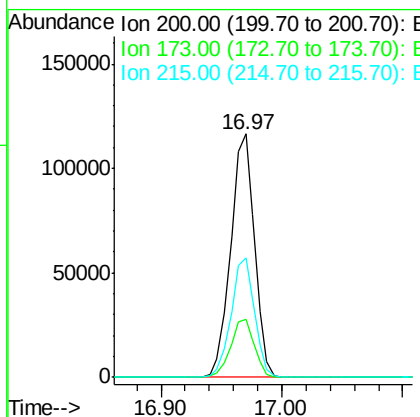
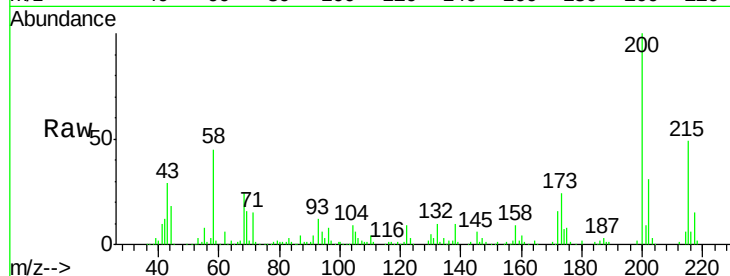
#69
 Atrazine
 Concen: 43.006 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	3.9	43.9
215	48.9	30.9	70.9

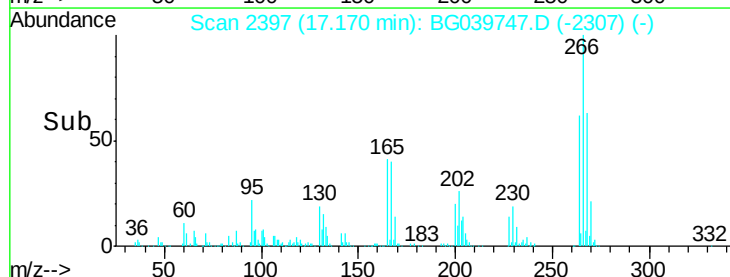
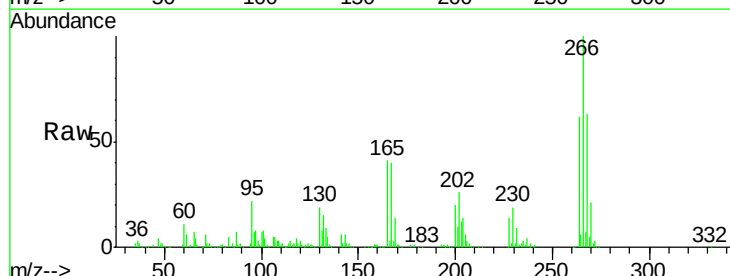
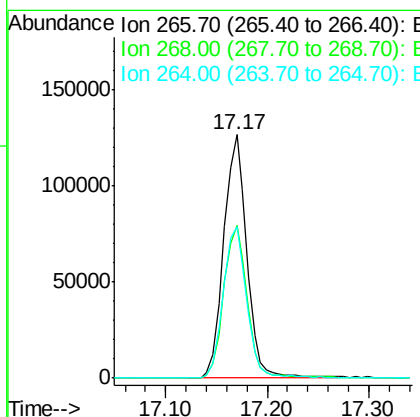
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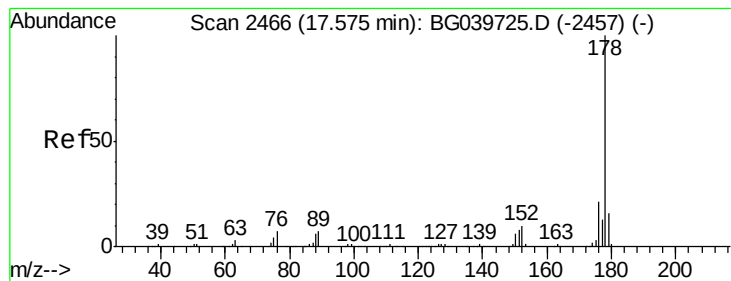
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#70
 Pentachlorophenol
 Concen: 84.037 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.1	76.7
264	62.4	52.1	78.1





#71

Phenanthrene

Concen: 40.468 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

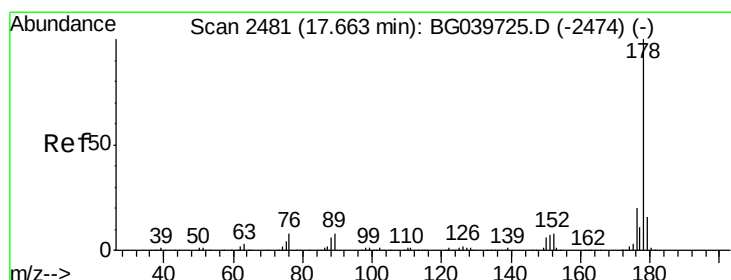
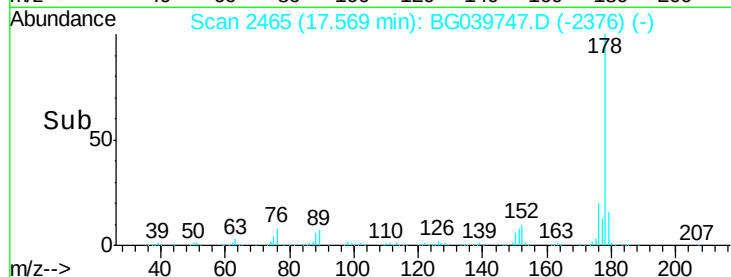
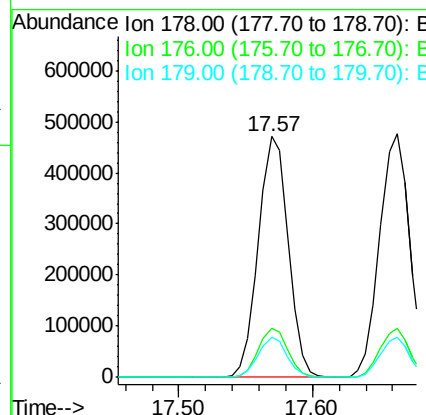
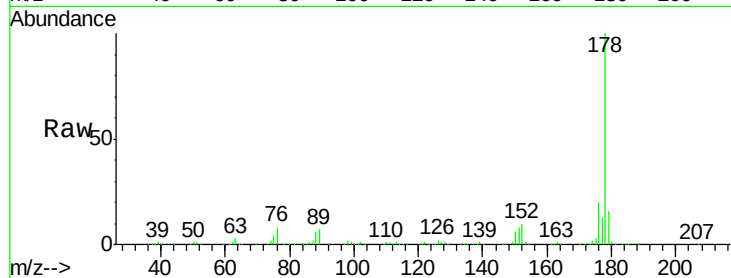
ClientSampleId :

PB117574BS

Tgt Ion:	178	Resp:	725826
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.4	12.6	19.0

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#72

Anthracene

Concen: 42.209 ng

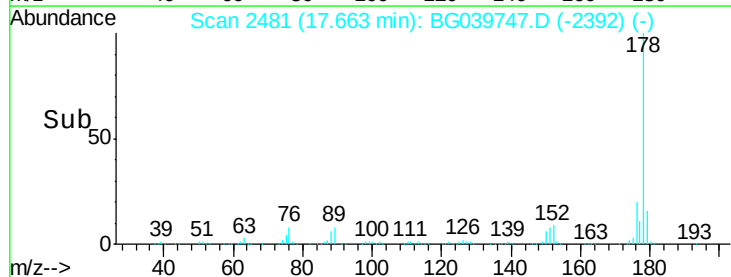
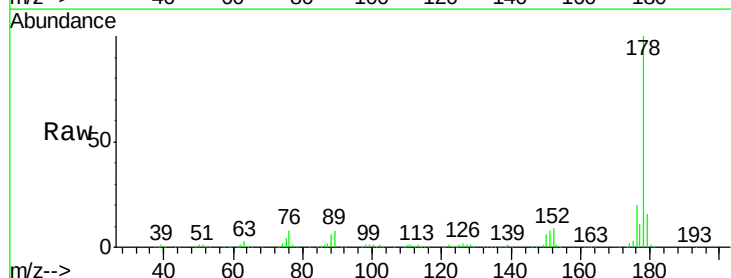
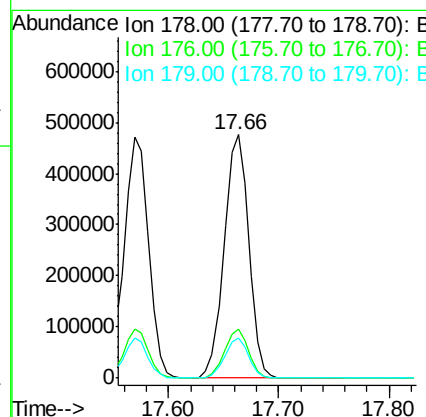
RT: 17.66 min Scan# 2481

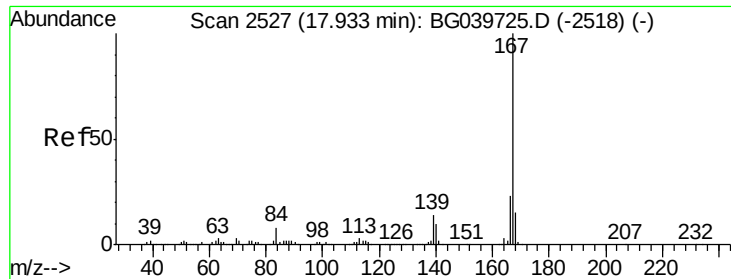
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	178	Resp:	737743
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.3	12.5	18.7





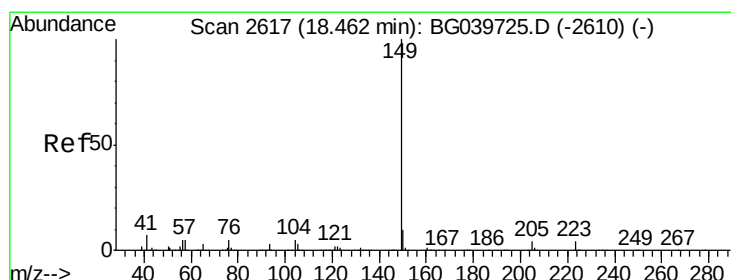
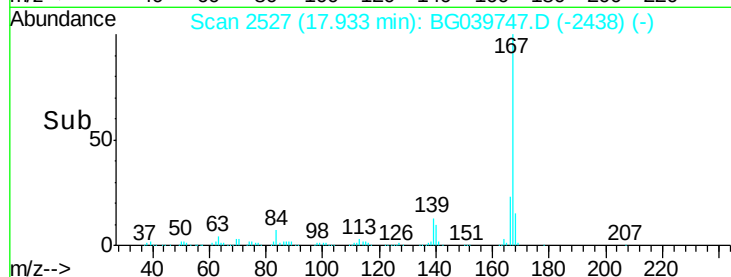
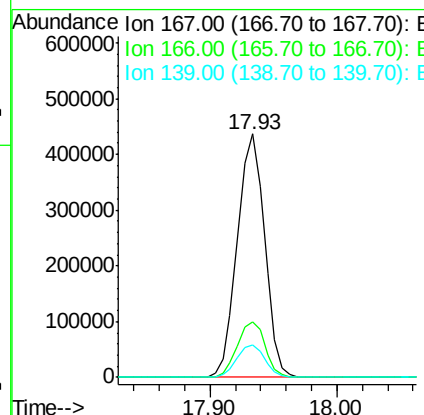
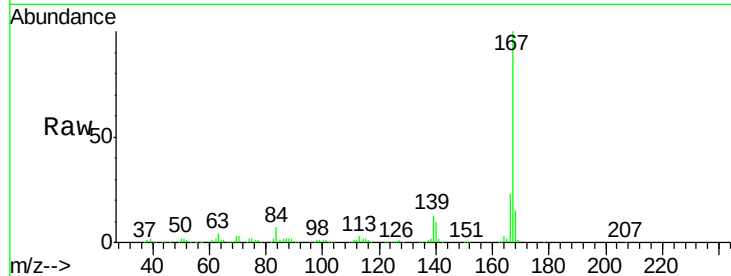
#73
 Carbazole
 Concen: 41.341 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	651396		
166	22.7	19.4	29.2	
139	13.3	10.8	16.2	

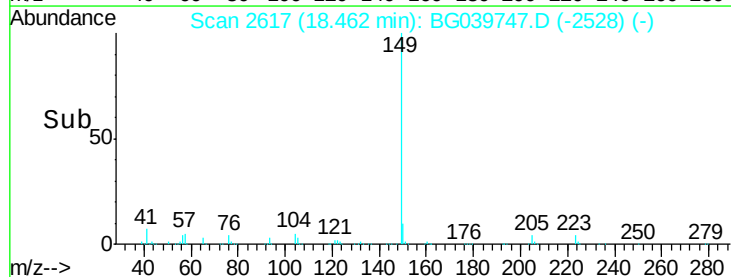
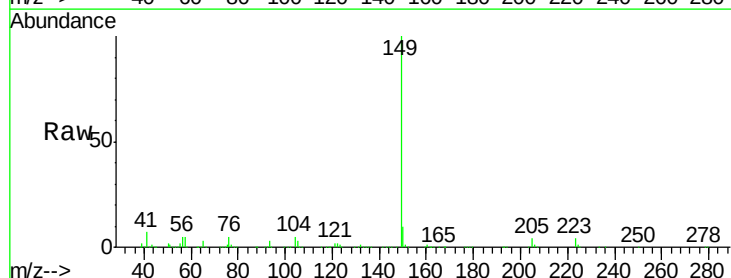
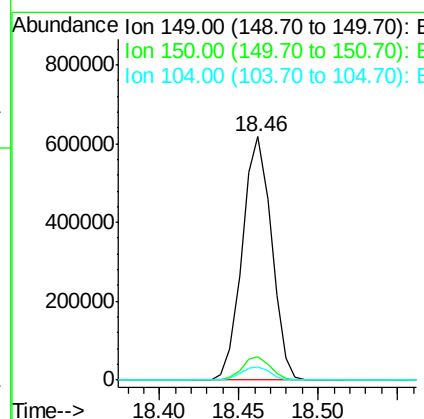
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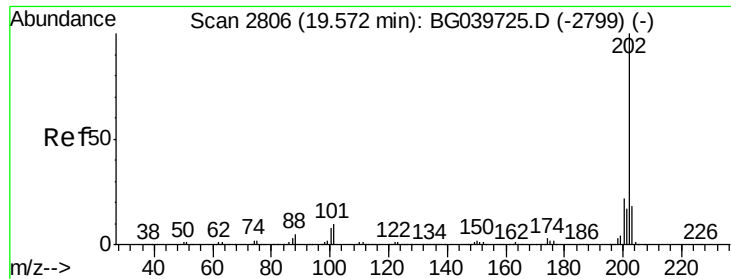
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#74
 Di-n-butylphthalate
 Concen: 42.802 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793500		
150	9.9	7.7	11.5	
104	5.2	4.5	6.7	





#75

Fluoranthene

Concen: 41.333 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

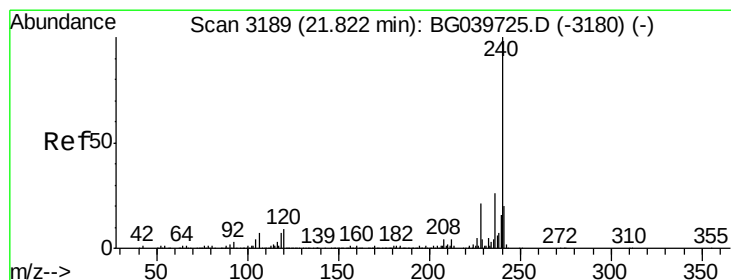
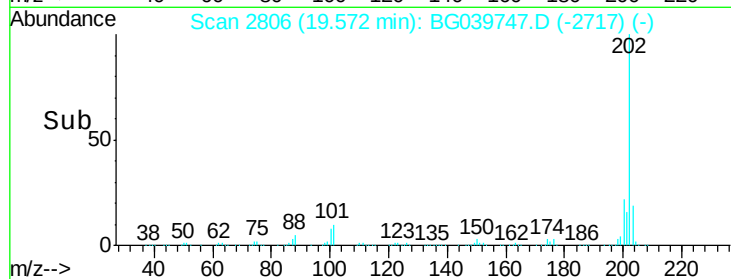
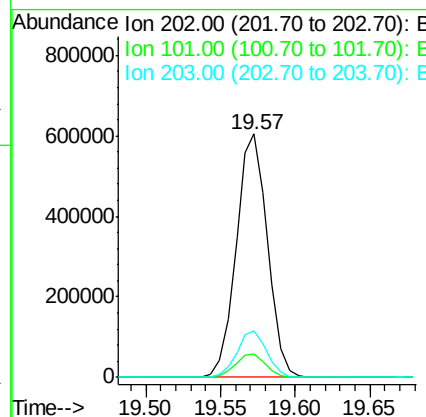
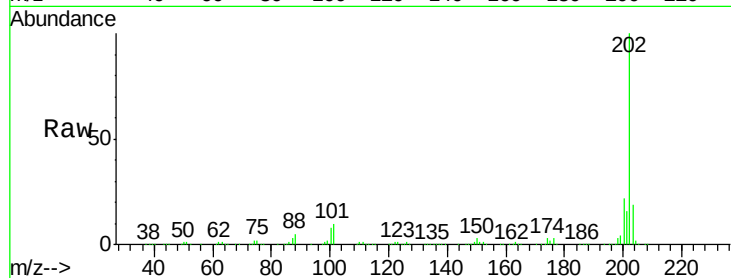
ClientSampleId :

PB117574BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		876126		
101	9.6	0.0	30.0		
203	19.0	0.0	38.9		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

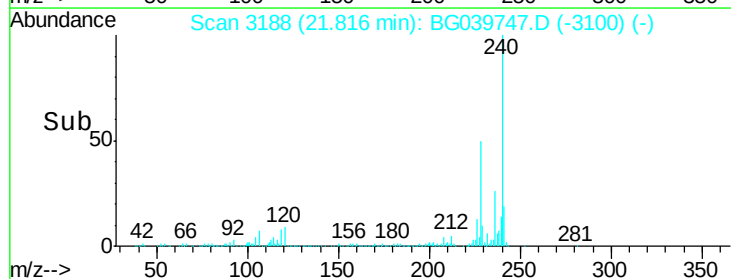
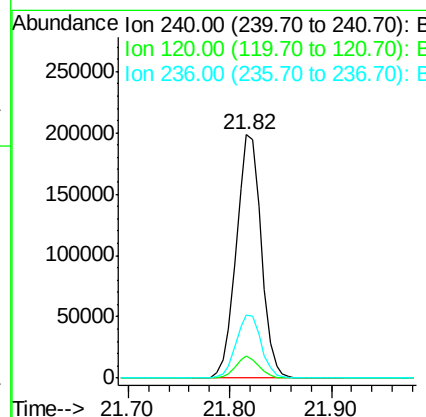
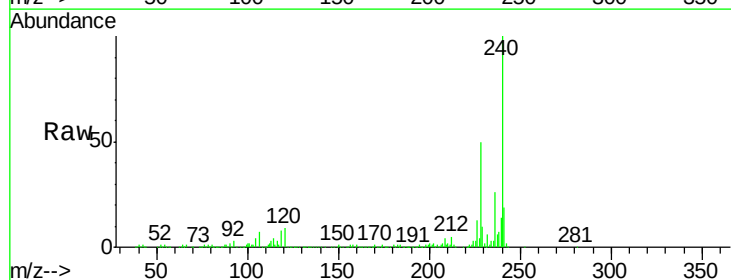
RT: 21.82 min Scan# 3188

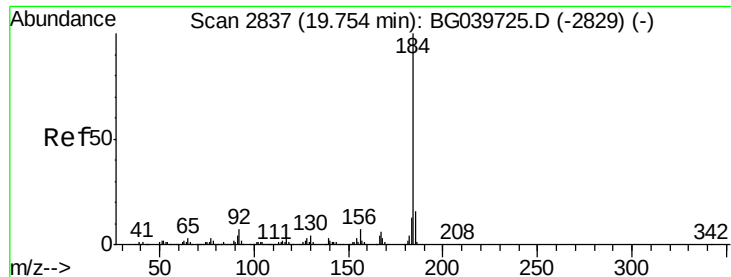
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		337299		
120	8.9	7.0	10.6		
236	25.8	21.0	31.4		





#77

Benzidine

Concen: 42.921 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

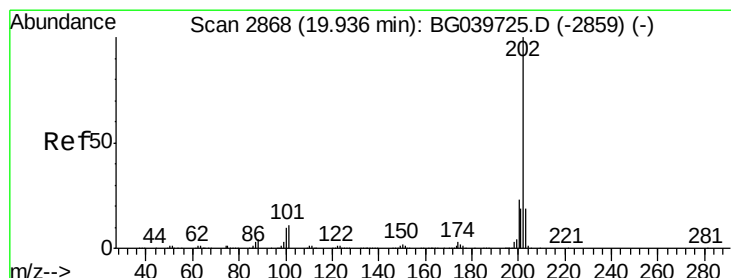
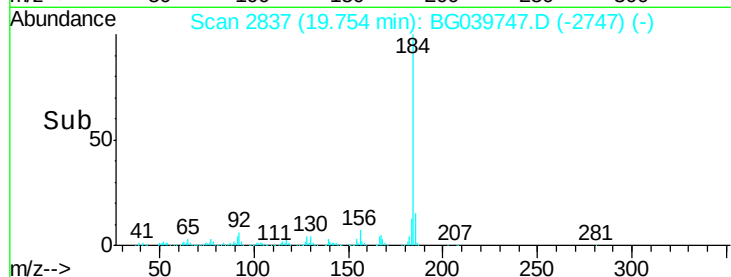
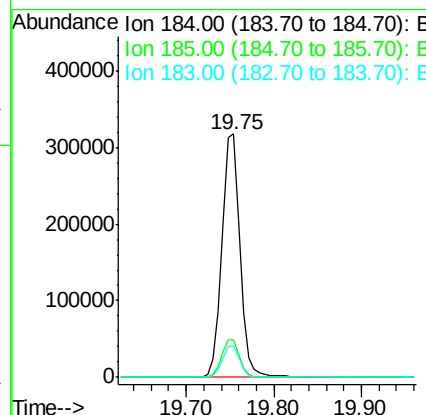
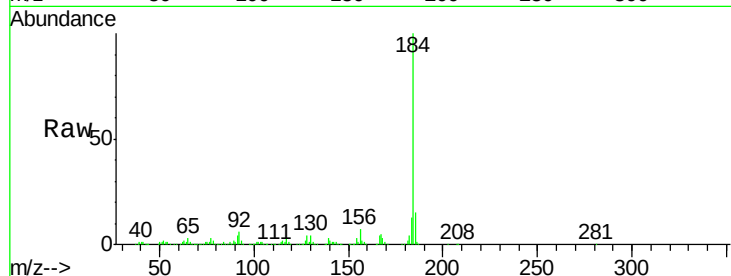
ClientSampleId :

PB117574BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	459404		
185	15.3	12.2	18.2	
183	12.6	10.6	15.8	

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#78

Pyrene

Concen: 39.897 ng

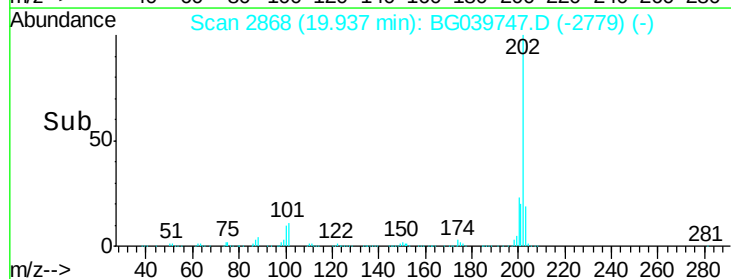
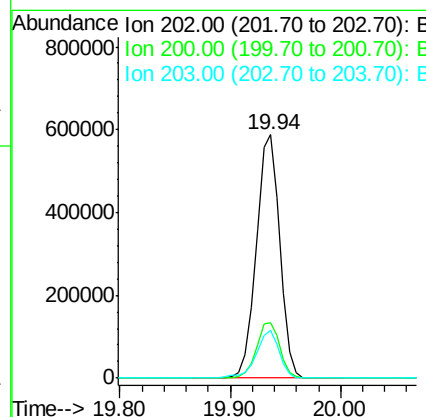
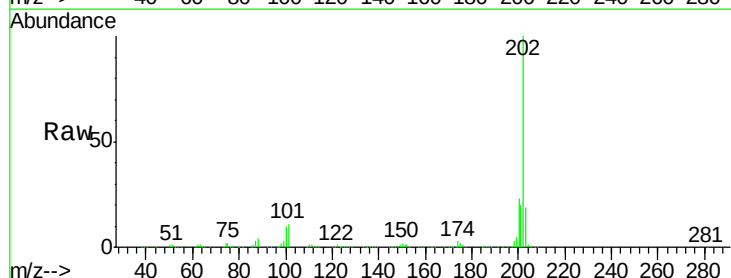
RT: 19.94 min Scan# 2868

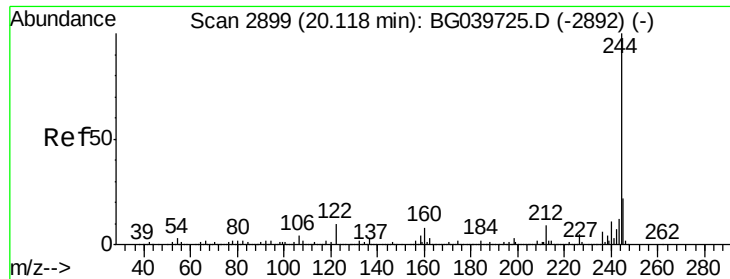
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	874460		
200	22.5	17.8	26.8	
203	19.4	15.3	22.9	





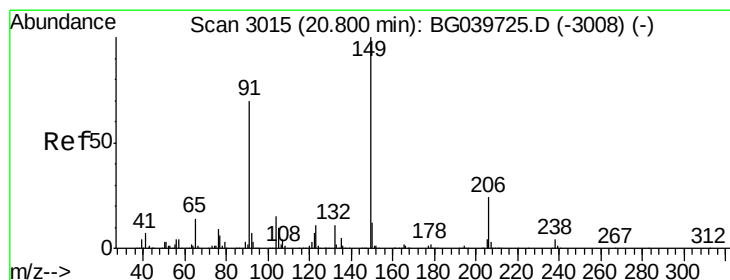
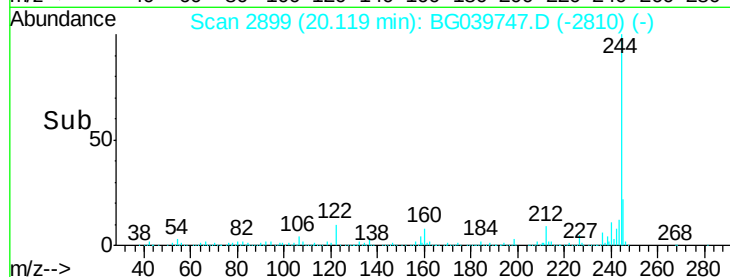
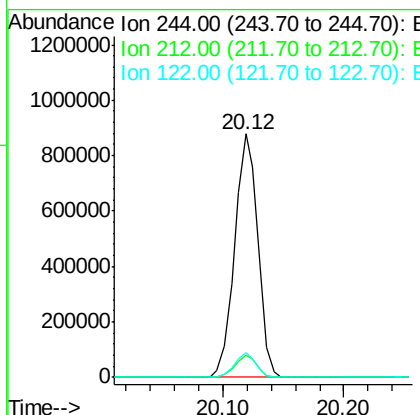
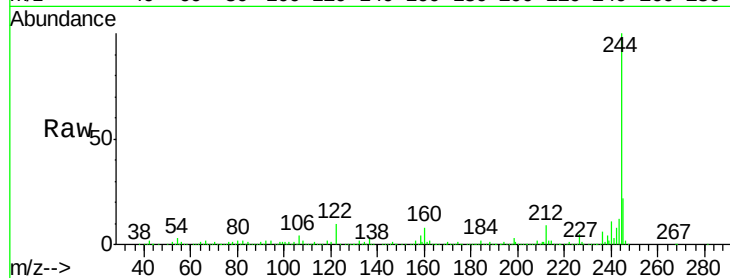
#79
 Terphenyl-d14
 Concen: 76.368 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6

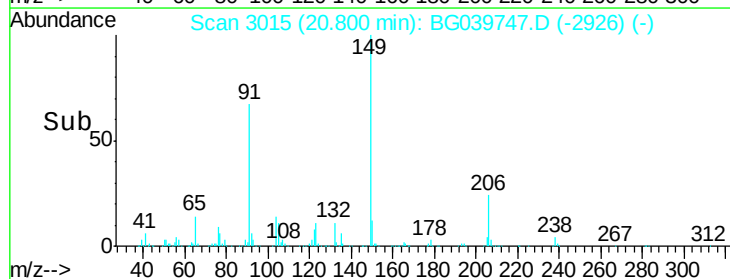
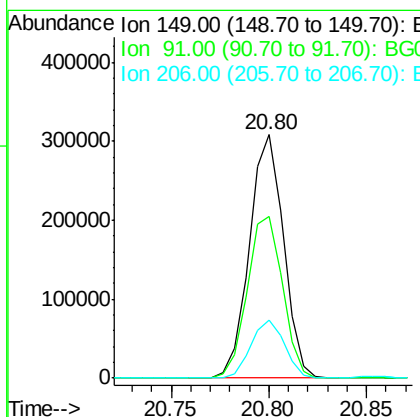
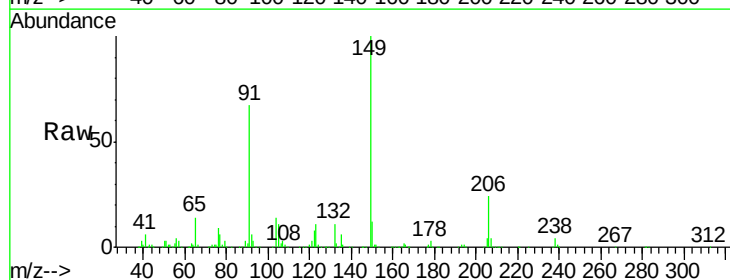
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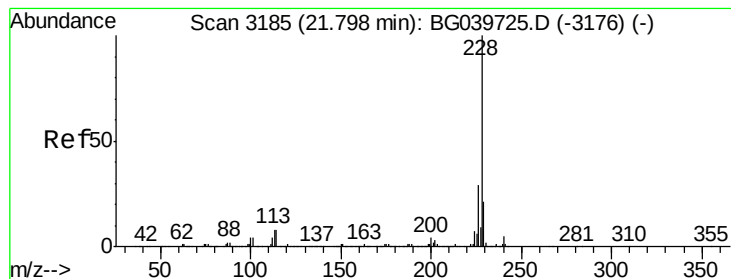
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#80
 Butylbenzylphthalate
 Concen: 44.107 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.6	59.5	89.3
206	23.7	18.6	27.8





#81

Benzo(a)anthracene

Concen: 39.925 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

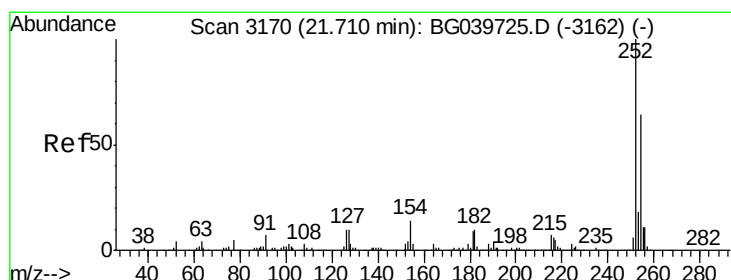
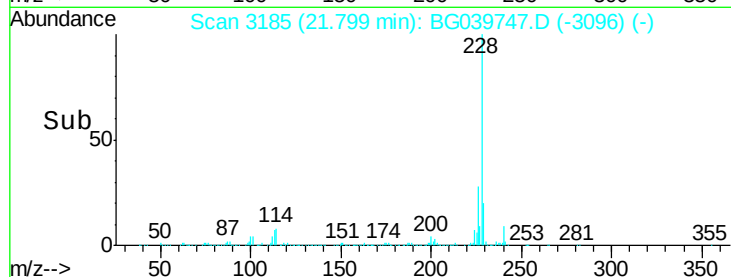
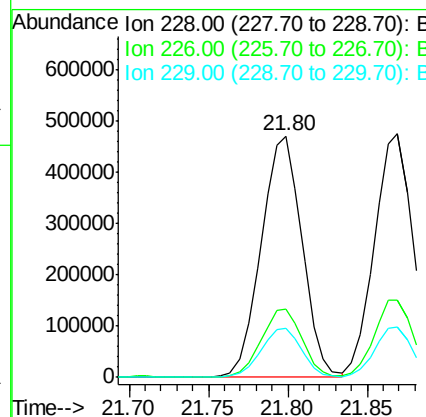
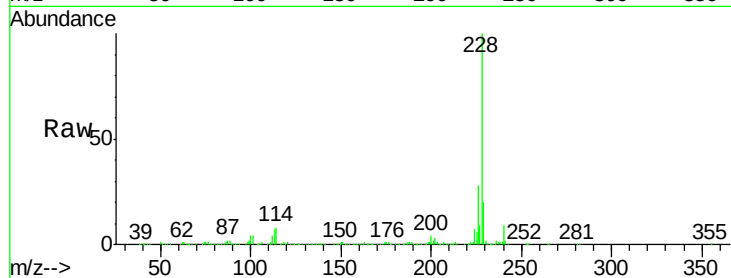
ClientSampleId :

PB117574BS

Tgt Ion:	228	Resp:	843994
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.0	34.6
229	20.3	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 23.719 ng

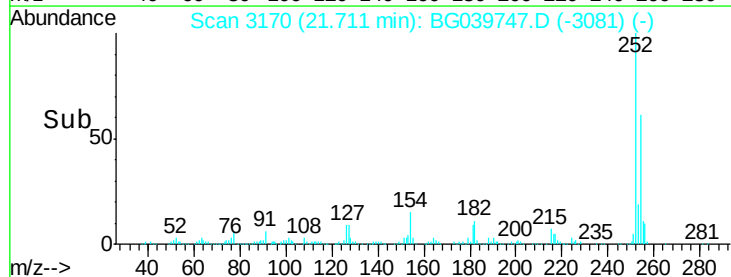
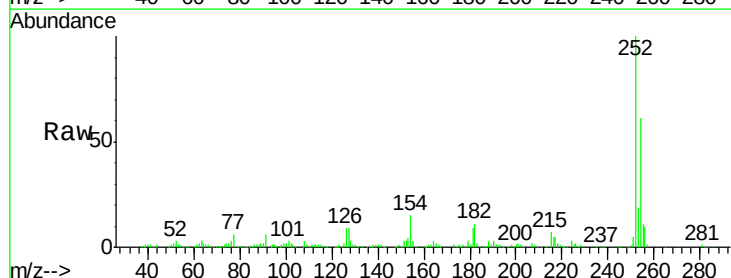
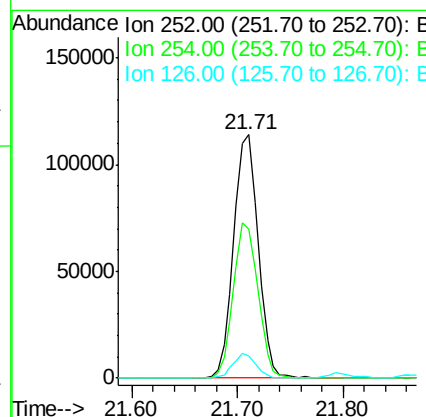
RT: 21.71 min Scan# 3170

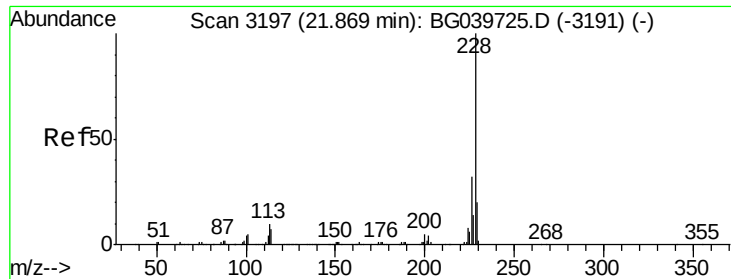
Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt Ion:	252	Resp:	183059
Ion Ratio	Lower	Upper	
252	100		
254	61.3	51.3	76.9
126	9.1	8.0	12.0





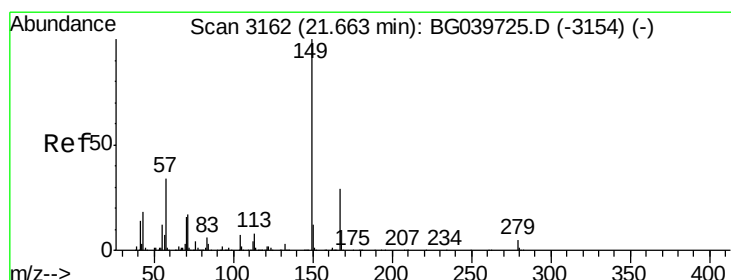
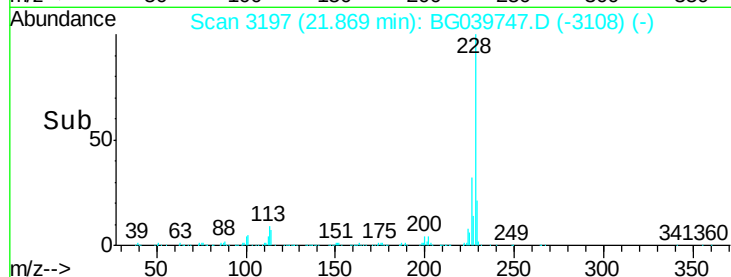
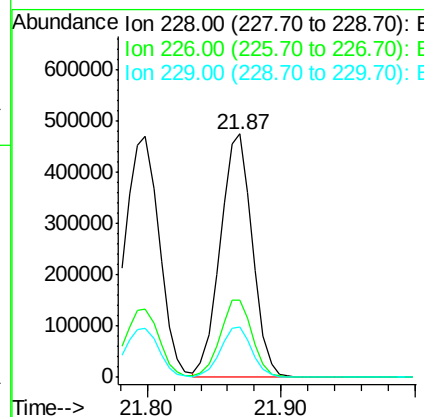
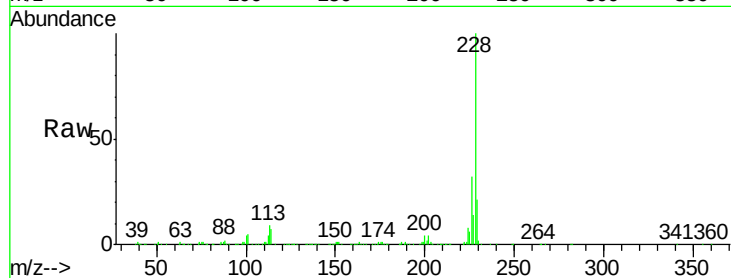
#83
 Chrysene
 Concen: 38.988 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	20.7	16.6	25.0

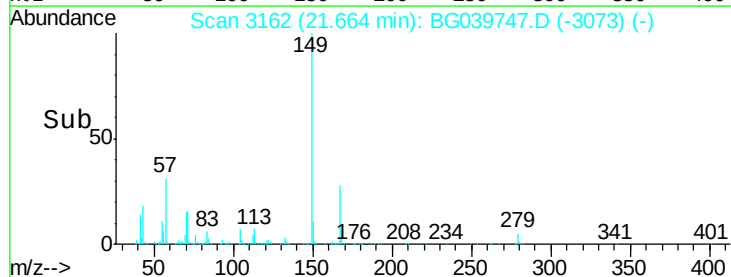
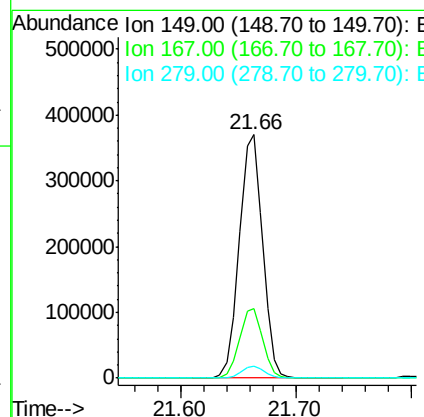
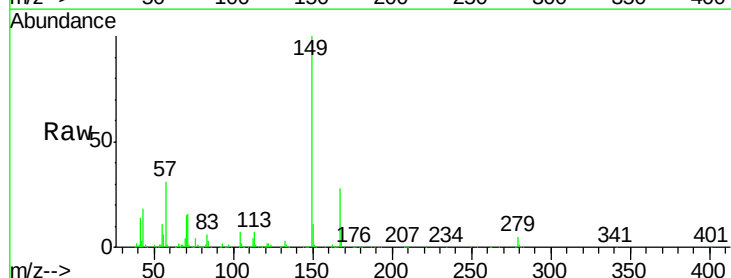
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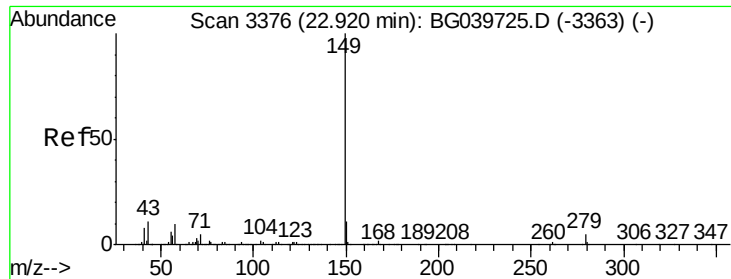
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.312 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	5.1	3.5	5.3





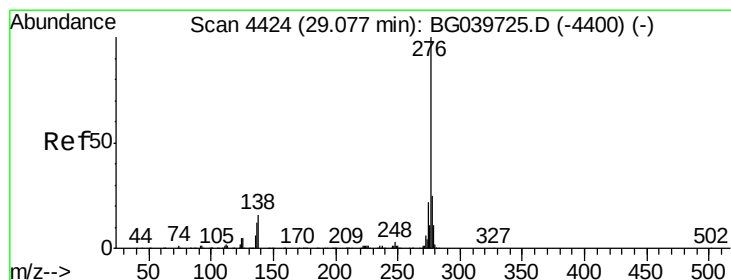
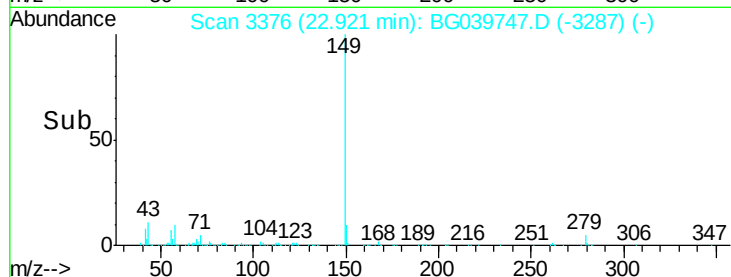
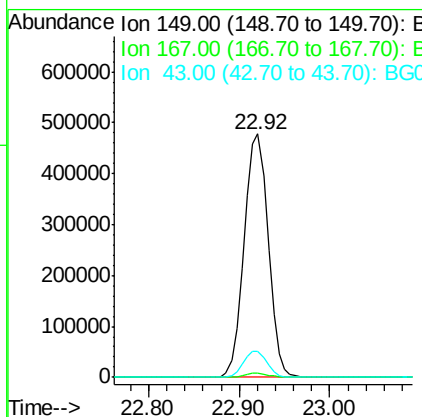
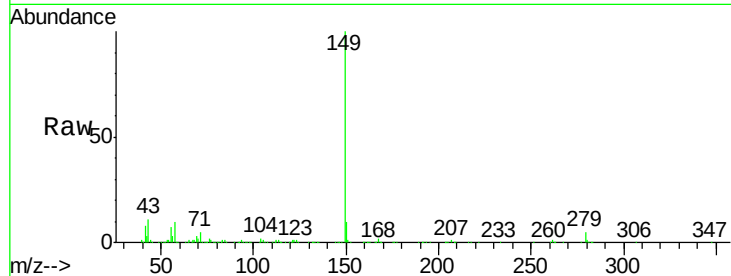
#85
Di-n-octyl phthalate
Concen: 44.570 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

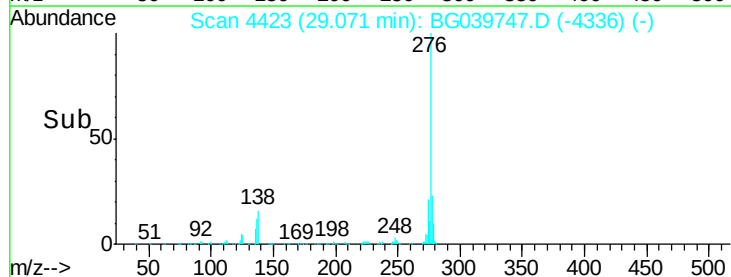
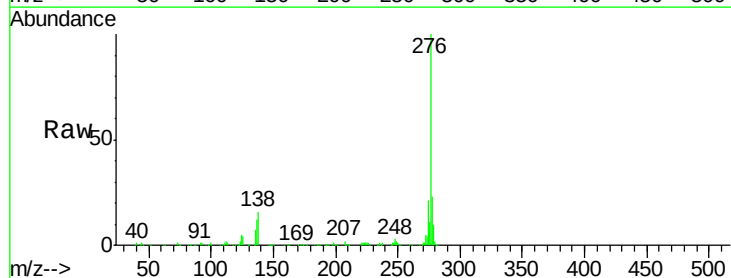
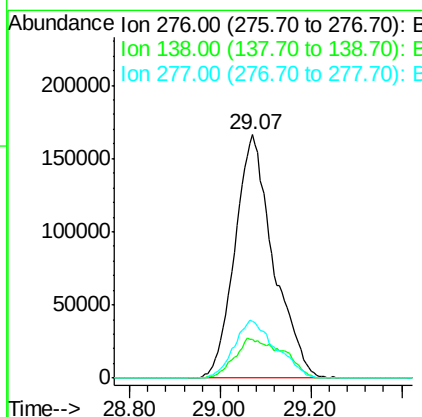
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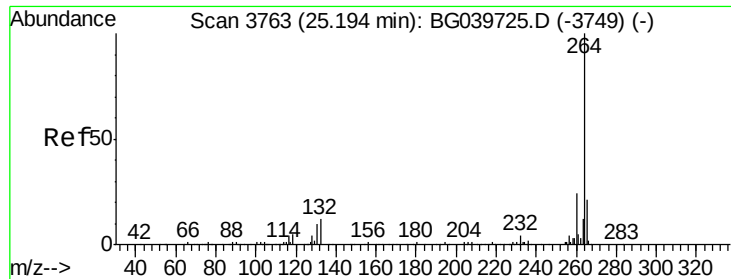
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.053 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.6	12.6	19.0#
277	25.9	20.8	31.2





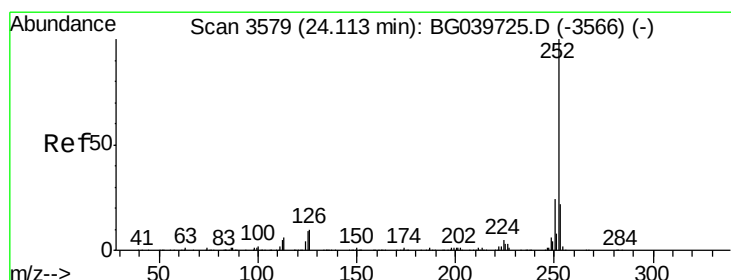
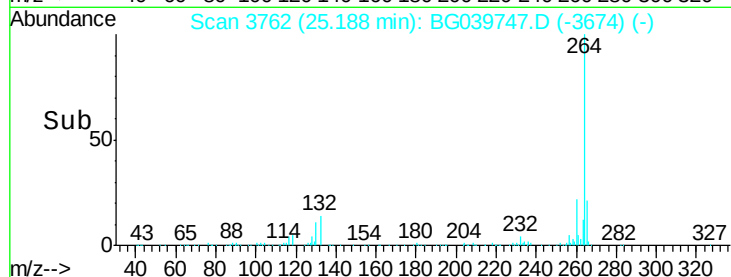
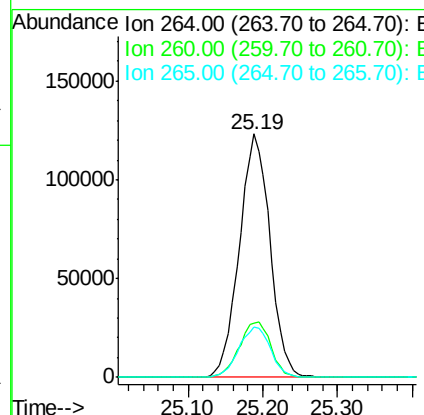
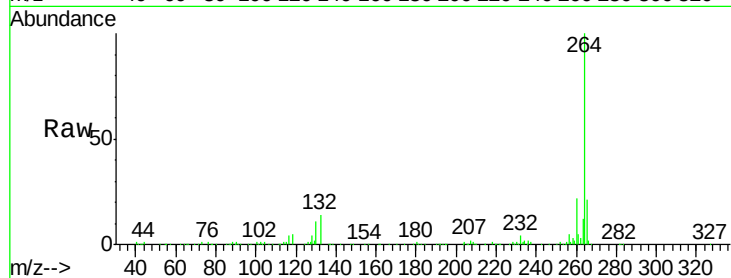
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3762
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.7	18.5	27.7

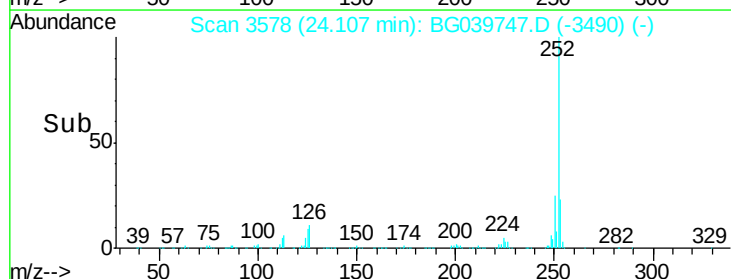
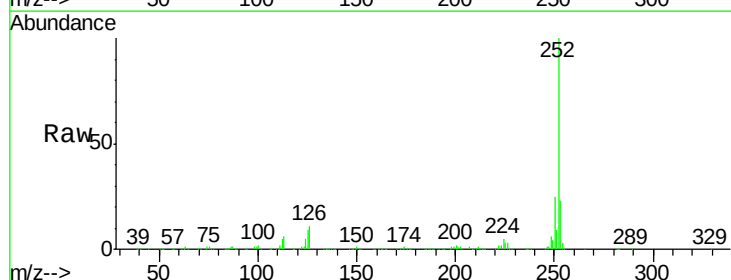
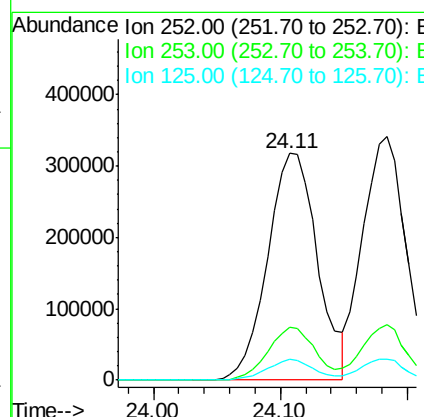
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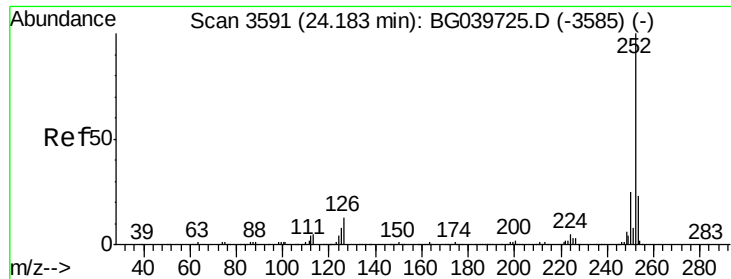
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 41.495 ng
 RT: 24.11 min Scan# 3578
 Delta R.T. -0.01 min
 Lab File: BG039747.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.2	7.8	11.6





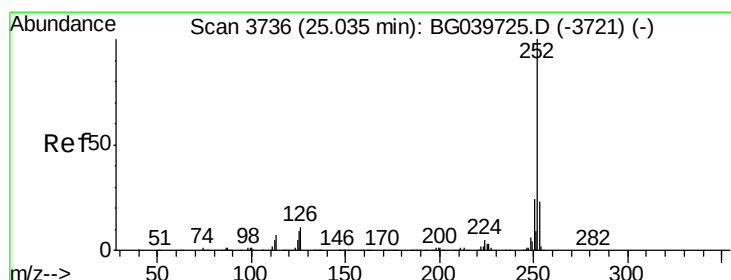
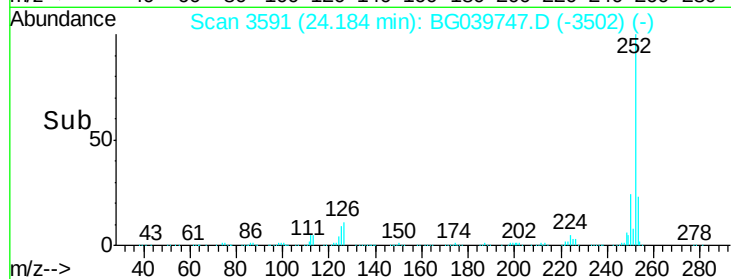
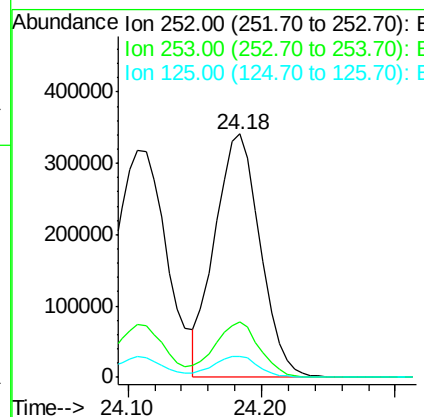
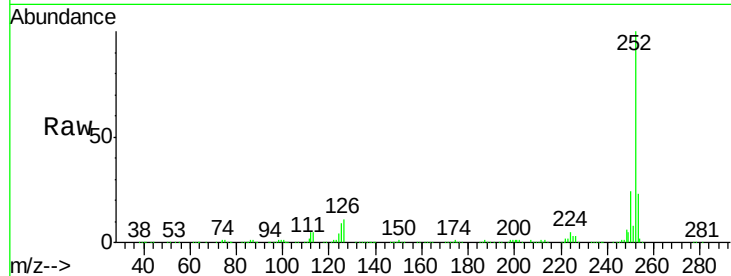
#89
Benzo(k)fluoranthene
Concen: 41.515 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
PB117574BS

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

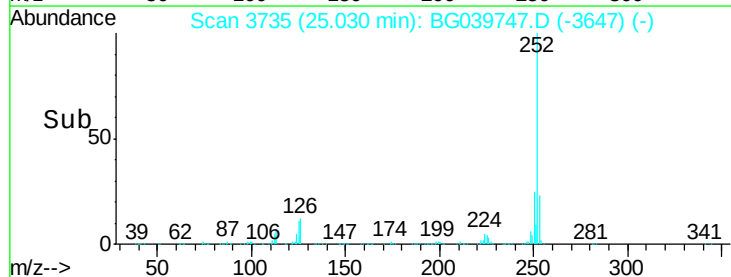
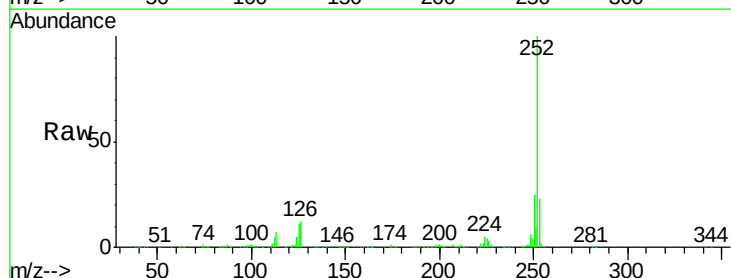
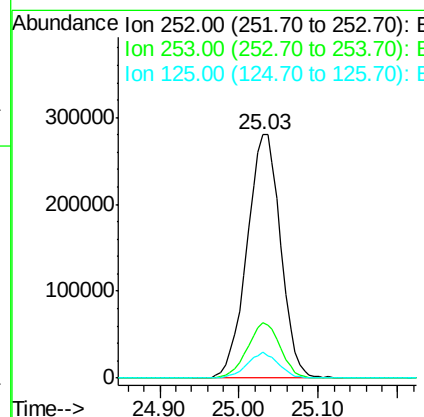
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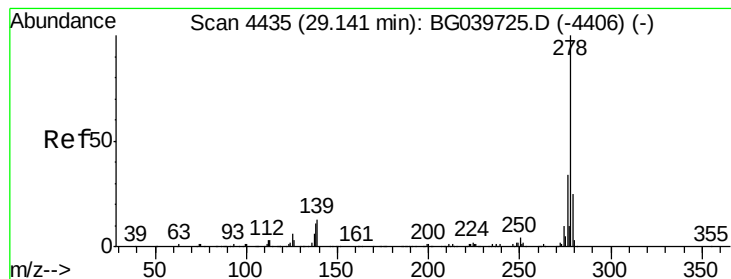
Sohil
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#90
Benzo(a)pyrene
Concen: 42.865 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039747.D
Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.9	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.669 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Instrument :

BNA_G

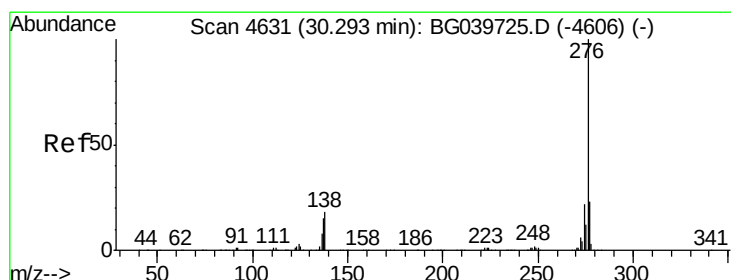
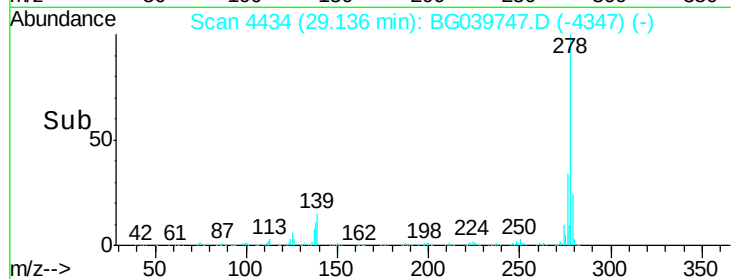
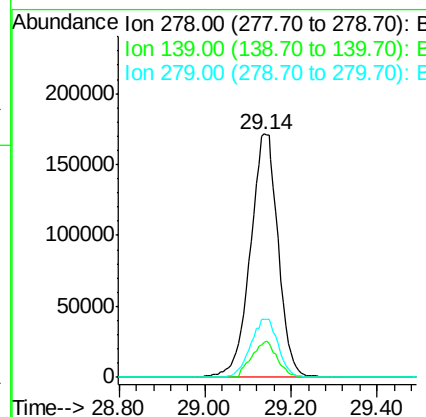
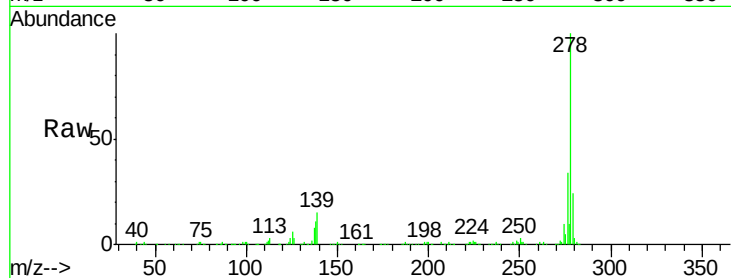
ClientSampleId :

PB117574BS

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	14.5	11.7	17.5	
279	23.7	19.1	28.7	

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 42.569 ng

RT: 30.30 min Scan# 4632

Delta R.T. -0.01 min

Lab File: BG039747.D

Acq: 5 Mar 2019 1:22

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	22.8	19.6	29.4	
138	18.0	14.7	22.1	

