

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039925.D
 Acq On : 14 Mar 2019 15:04
 Operator : JU/SJ
 Sample : PB117907BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Manual Integrations
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Sohil
 3/15/2019 10:12:26 AM

Quant Time: Mar 15 08:18:03 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	8.15	152	36773	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	157396	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108069	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268009	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279951	20.00	ng	-0.02
87) Perylene-d12	25.17	264	265013	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	295021	136.87	ng	-0.02
7) Phenol-d6	7.30	99	410591	127.75	ng	-0.02
23) Nitrobenzene-d5	9.32	82	230515	79.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	170087	135.03	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	567538	74.77	ng	-0.02
79) Terphenyl-d14	20.11	244	989729	77.84	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	38951	39.141	ng	97
3) Pyridine	3.98	79	95478	35.838	ng	94
4) n-Nitrosodimethylamine	3.90	42	49190	38.921	ng	# 83
6) Aniline	7.47	93	118787	28.210	ng	99
8) 2-Chlorophenol	7.71	128	107836	41.237	ng	96
9) Benzaldehyde	7.29	77	48211	23.254	ng	94
10) Phenol	7.32	94	146262	42.008	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	101746	37.481	ng	97
12) 1,3-Dichlorobenzene	8.04	146	115070	38.907	ng	96
13) 1,4-Dichlorobenzene	8.18	146	114200	37.909	ng	98
14) 1,2-Dichlorobenzene	8.50	146	110835	38.079	ng	98
15) Benzyl Alcohol	8.38	79	101048	39.635	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	206087	37.958	ng	98
17) 2-Methylphenol	8.58	107	92822	41.810	ng	96
18) Hexachloroethane	9.23	117	42157	39.001	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	85292	36.870	ng	93
20) 3+4-Methylphenols	8.91	107	128151	41.550	ng	98
22) Acetophenone	8.98	105	160741	38.050	ng	# 96
24) Nitrobenzene	9.37	77	124187	40.677	ng	98
25) Isophorone	9.88	82	241722	39.641	ng	97
26) 2-Nitrophenol	10.07	139	61519	41.734	ng	98
27) 2,4-Dimethylphenol	10.12	122	112738	49.176	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	147645	39.843	ng	99
29) 2,4-Dichlorophenol	10.61	162	119776	46.404	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	117704	40.525	ng	100
31) Naphthalene	11.02	128	333663	40.039	ng	99
32) Benzoic acid	10.24	122	58161m	38.468	ng	
33) 4-Chloroaniline	11.13	127	88479	25.038	ng	97
34) Hexachlorobutadiene	11.28	225	78732	39.668	ng	94
35) Caprolactam	11.91	113	40070m	40.639	ng	
36) 4-Chloro-3-methylphenol	12.23	107	129982	43.930	ng	99
37) 2-Methylnaphthalene	12.61	142	259563	41.661	ng	99
38) 1-Methylnaphthalene	12.83	142	246191	40.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144357	39.430	ng	99

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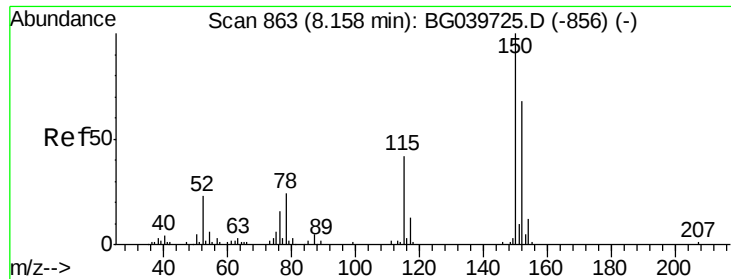
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	185349	94.469	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	100529	46.901	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	105007	43.463	nq	96
46) 1,1'-Biphenyl	13.61	154	349437	39.313	nq	98
47) 2-Chloronaphthalene	13.66	162	269979	40.375	nq	97
48) 2-Nitroaniline	13.86	65	94106	43.792	nq	94
49) Acenaphthylene	14.50	152	433970	39.534	nq	99
50) Dimethylphthalate	14.22	163	365281	40.422	nq	99
51) 2,6-Dinitrotoluene	14.35	165	81791	42.695	nq	98
52) Acenaphthene	14.84	154	262303	39.702	nq	99
53) 3-Nitroaniline	14.69	138	55637	28.892	nq #	94
54) 2,4-Dinitrophenol	14.89	184	71320	60.411	nq	97
55) Dibenzofuran	15.17	168	436451	40.264	nq	100
56) 4-Nitrophenol	14.98	139	143488	83.294	nq	93
57) 2,4-Dinitrotoluene	15.13	165	117244	43.556	nq #	93
58) Fluorene	15.82	166	344897	40.474	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	104751	44.395	nq	99
60) Diethylphthalate	15.57	149	375482	41.974	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	182300	40.090	nq	99
62) 4-Nitroaniline	15.85	138	89157	42.706	nq	96
63) Azobenzene	16.10	77	331579	40.890	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62317	39.325	nq	97
66) n-Nitrosodiphenylamine	16.02	169	323819	41.735	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	120611	40.205	nq	96
68) Hexachlorobenzene	16.81	284	124392	40.002	nq	96
69) Atrazine	16.96	200	131639	43.109	nq	99
70) Pentachlorophenol	17.16	266	159002	80.963	nq	99
71) Phenanthrene	17.56	178	596739	40.423	nq	99
72) Anthracene	17.65	178	608071	42.269	nq	99
73) Carbazole	17.92	167	537482	41.444	nq	98
74) Di-n-butylphthalate	18.45	149	654815	42.914	nq	100
75) Fluoranthene	19.56	202	728455	41.754	nq	99
77) Benzidine	19.74	184	292855	32.966	nq	99
78) Pyrene	19.93	202	735096	40.409	nq	99
80) Butylbenzylphthalate	20.79	149	309689	43.941	nq	96
81) Benzo(a)anthracene	21.78	228	704477	40.152	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	166292	25.960	nq	100
83) Chrysene	21.85	228	675494	39.712	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	428436	43.259	nq	98
85) Di-n-octyl phthalate	22.90	149	730560	44.550	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	796528	41.278	nq #	97
88) Benzo(b)fluoranthene	24.09	252	703431	44.512	nq	98
89) Benzo(k)fluoranthene	24.16	252	675223	45.901	nq	99
90) Benzo(a)pyrene	25.01	252	678970	46.495	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	649766	45.387	nq	98
92) Benzo(g,h,i)perylene	30.26	276	658788	45.819	nq	96

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



#1

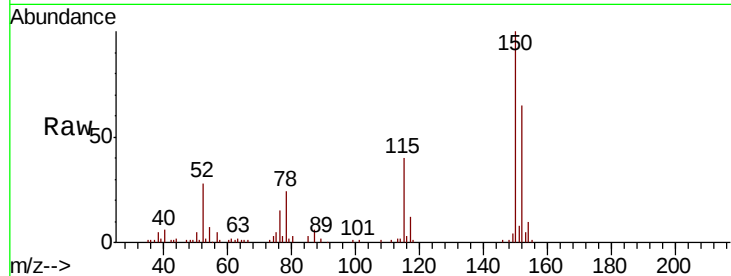
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.7	185.5
115	62.1	45.9	68.9

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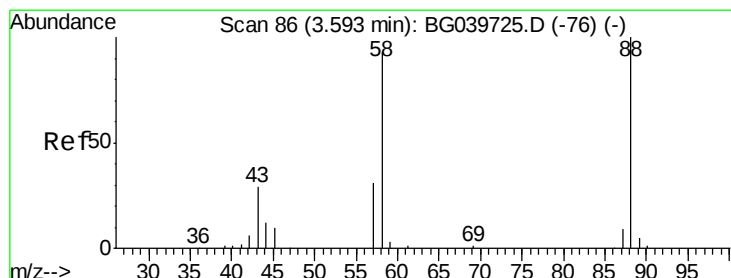
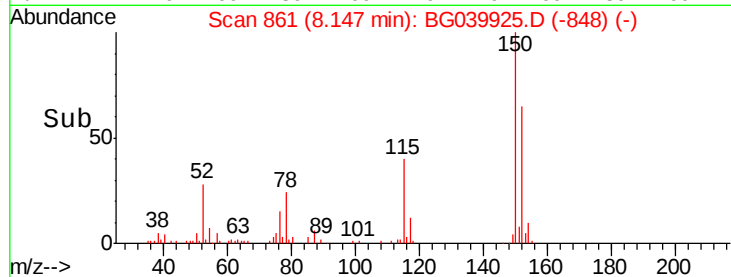
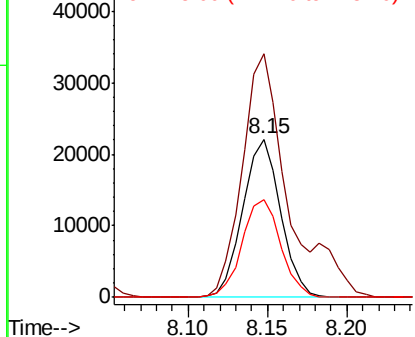


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

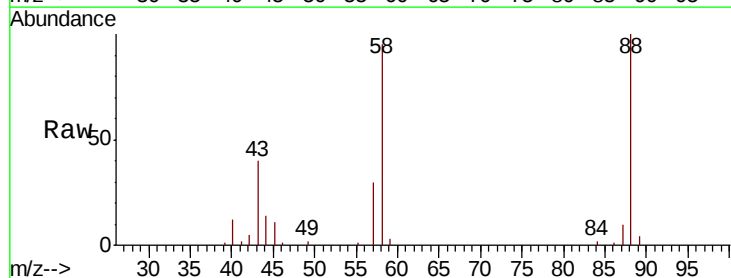
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.141 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.8	81.1	121.7
43	36.8	31.4	47.0

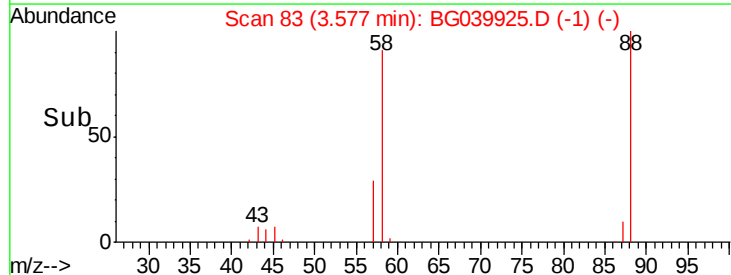
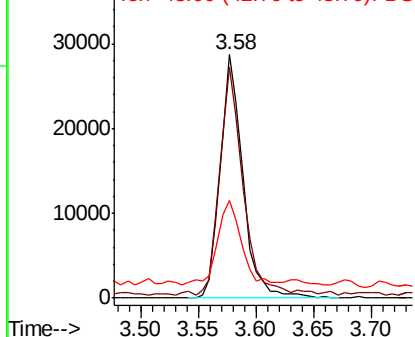


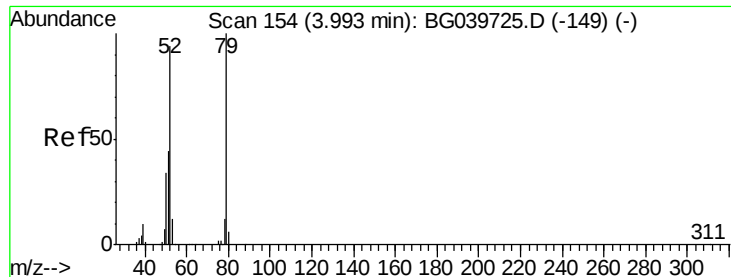
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.838 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

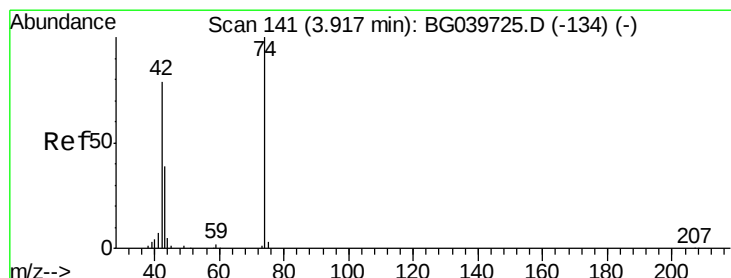
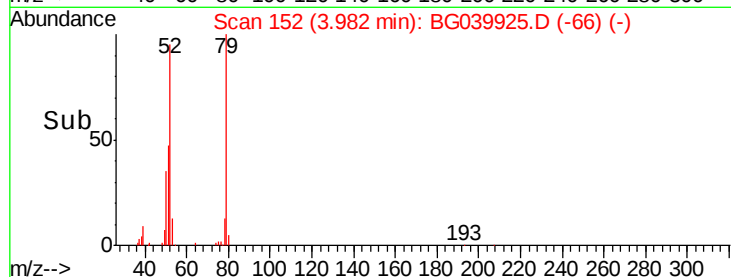
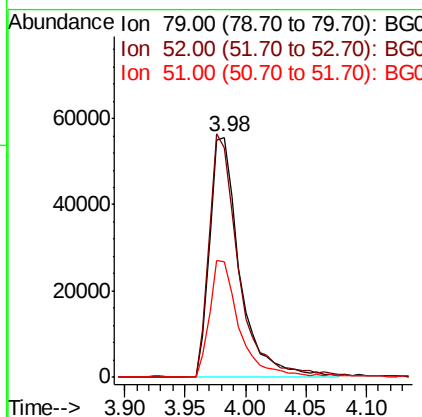
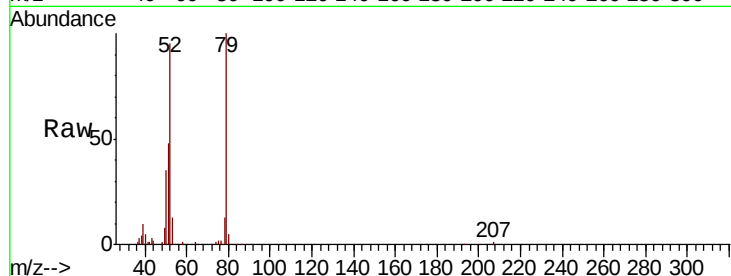
ClientSampleId :

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Tot Ion:	79	Resp:	95478
Ion Ratio	Lower	Upper	
79	100		
52	95.3	82.6	124.0
51	48.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.921 ng

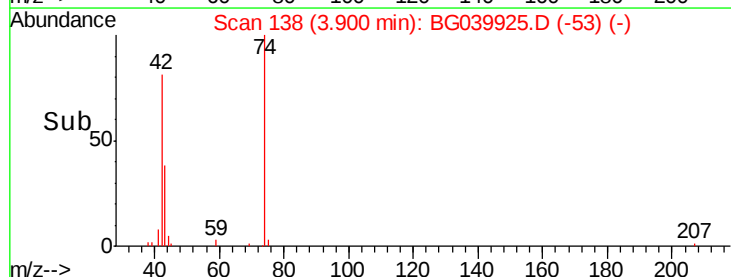
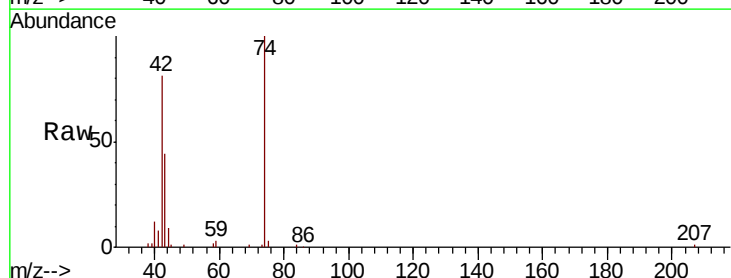
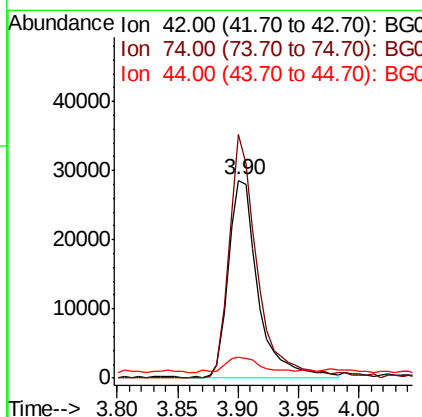
RT: 3.90 min Scan# 138

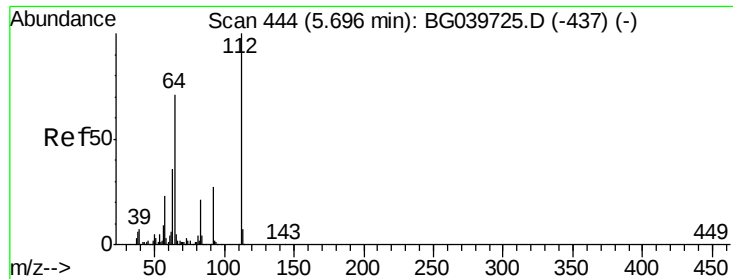
Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	42	Resp:	49190
Ion Ratio	Lower	Upper	
42	100		
74	122.9	83.6	125.4
44	10.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 136.869 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

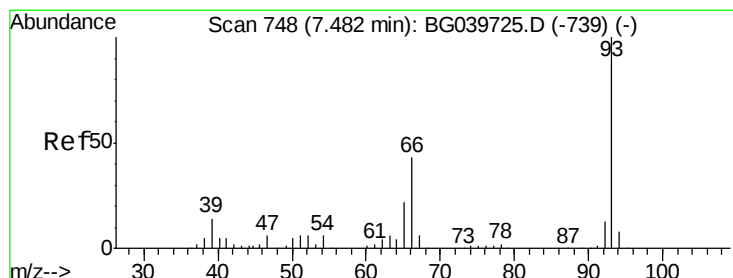
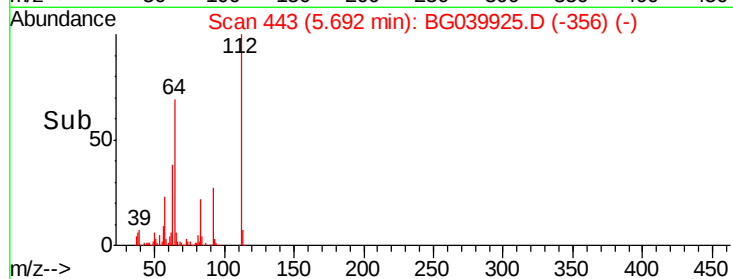
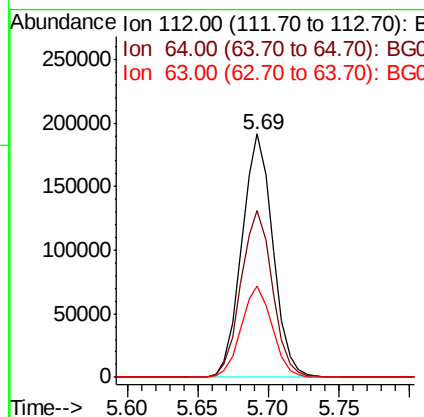
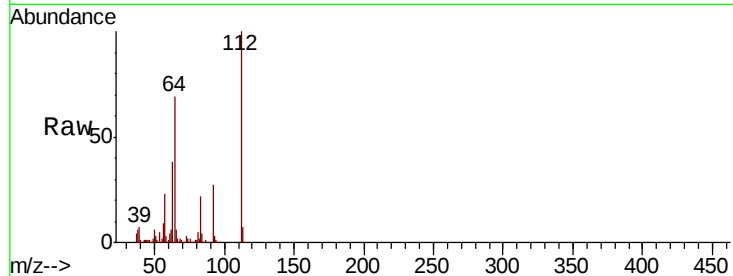
ClientSampled :

PB117907BS

Tot Ion:	112	Resp:	295021
Ion Ratio	Lower	Upper	
112	100		
64	68.5	57.8	86.8
63	37.7	29.8	44.6

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#6

Aniline

Concen: 28.210 ng

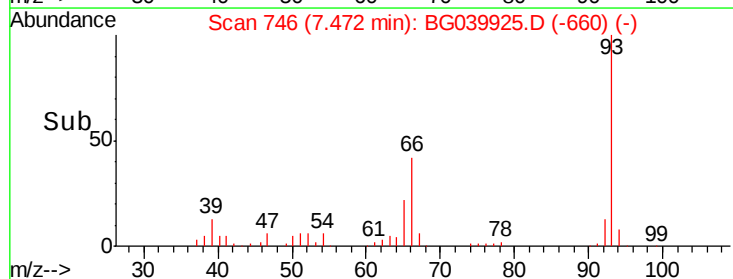
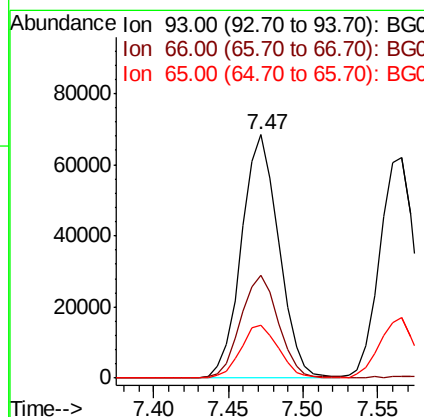
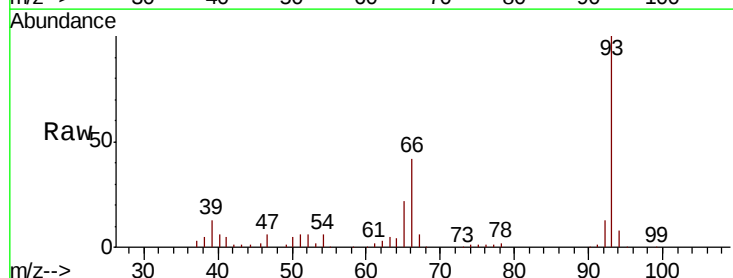
RT: 7.47 min Scan# 746

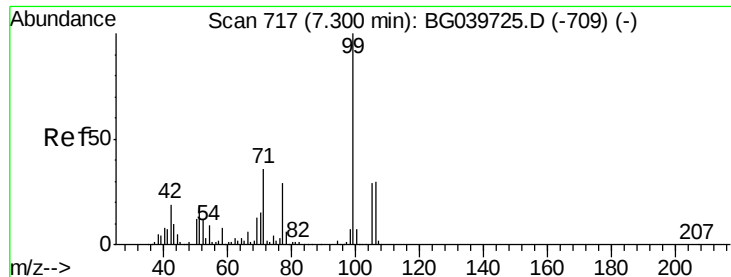
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	93	Resp:	118787
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.4
65	21.7	17.7	26.5





#7

Phenol-d6

Concen: 127.752 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

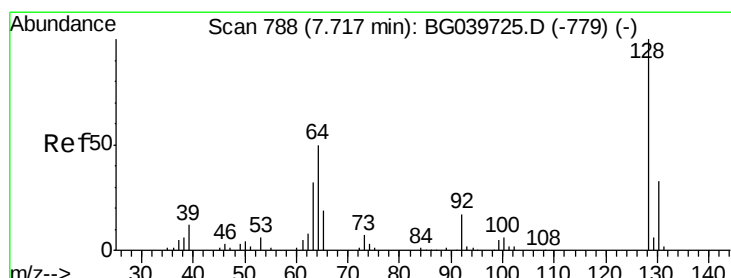
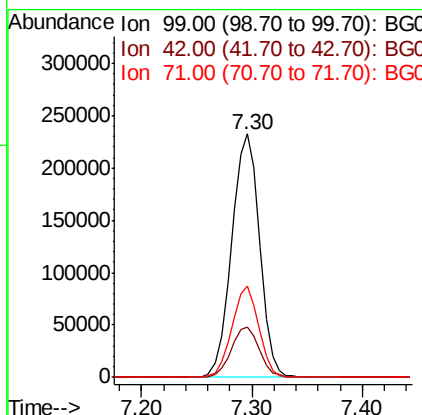
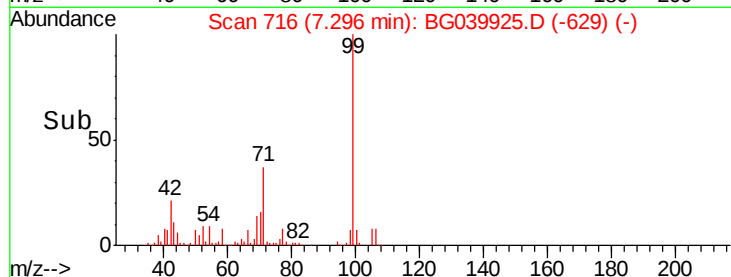
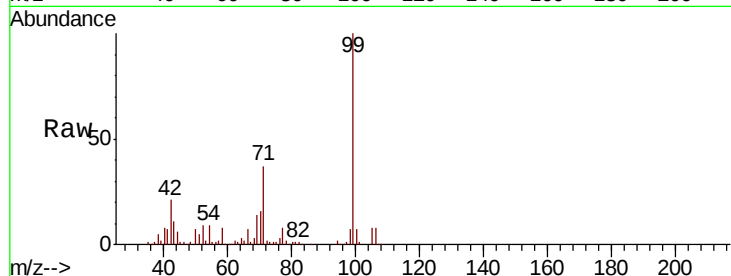
ClientSampleId :

PB117907BS

Tot Ion:	99	Resp:	410591
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	37.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.237 ng

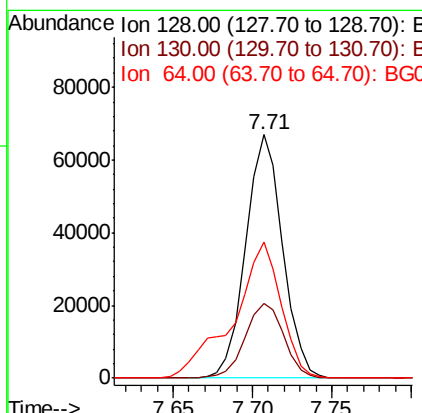
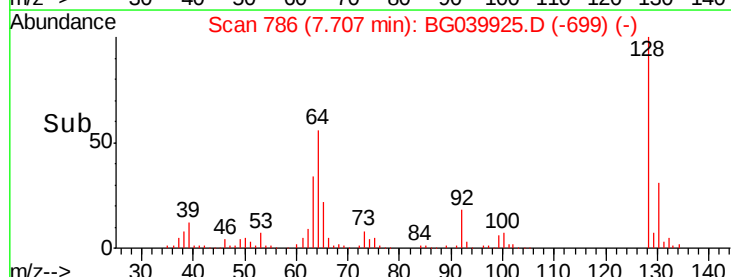
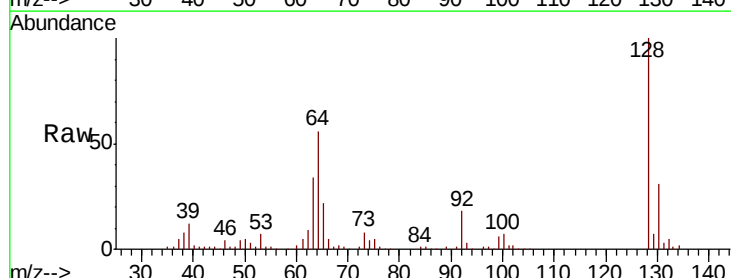
RT: 7.71 min Scan# 786

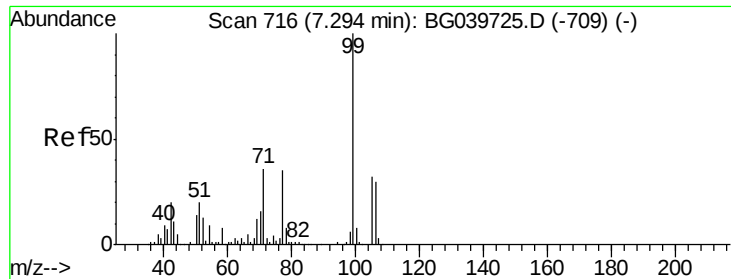
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	128	Resp:	107836
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.9	52.9
64	55.6	38.7	78.7





#9

Benzaldehyde

Concen: 23.254 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

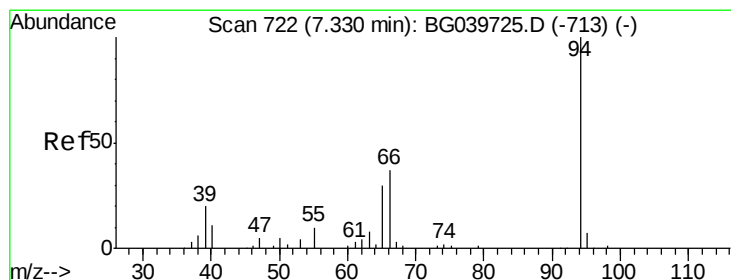
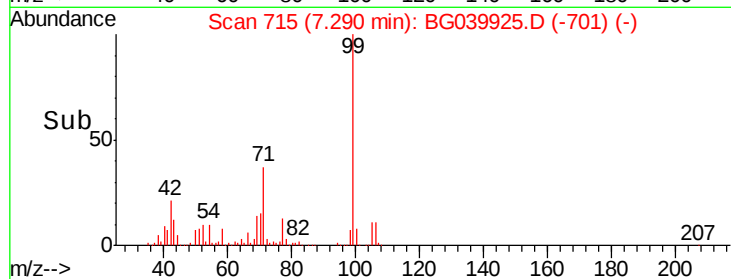
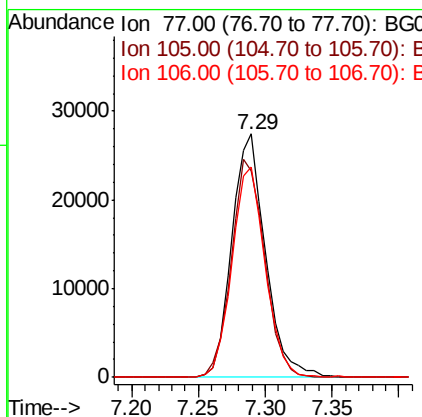
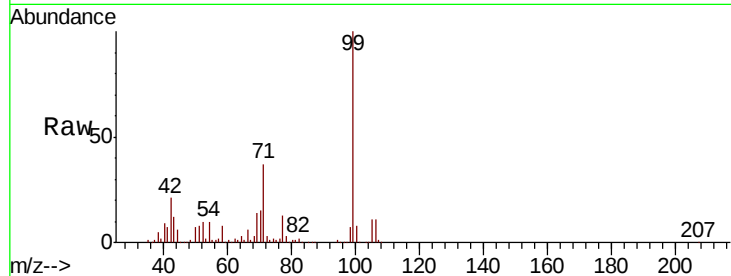
ClientSampleId :

PB117907BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	85.1	74.5	114.5	
106	86.4	68.0	108.0	

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#10

Phenol

Concen: 42.008 ng

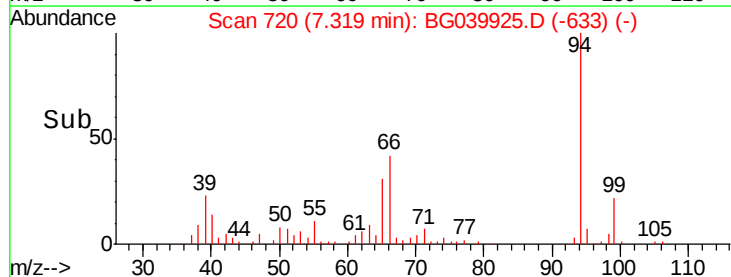
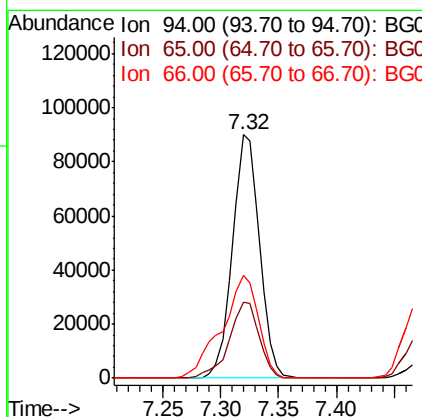
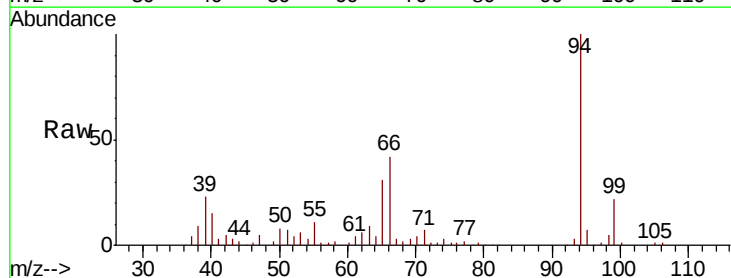
RT: 7.32 min Scan# 720

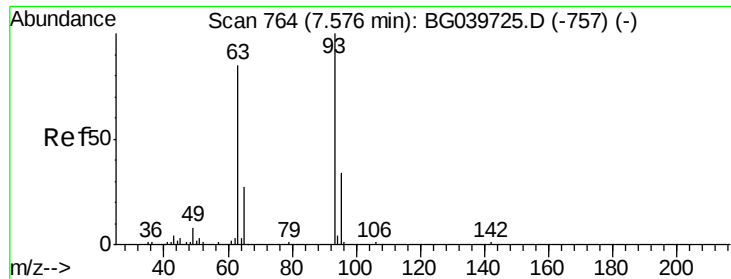
Delta R.T. -0.02 min

Lab File: BG039925.D

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Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.4	11.7	51.7	
66	42.3	23.7	63.7	





#11

bis(2-Chloroethyl)ether

Concen: 37.481 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

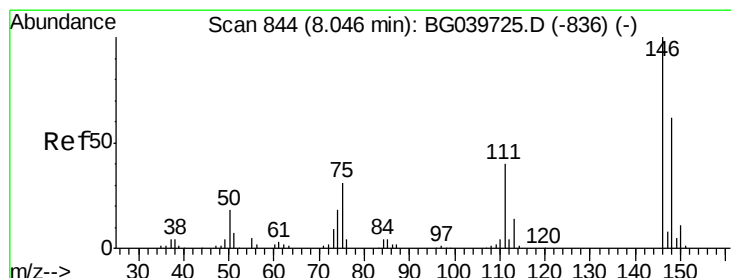
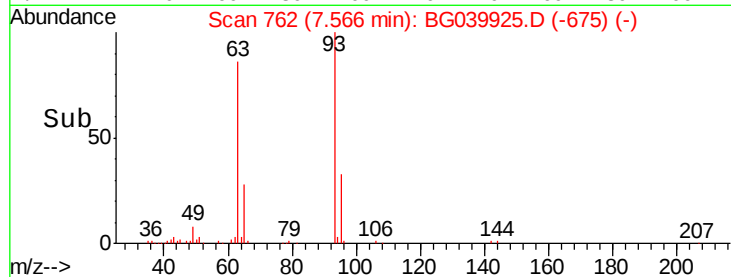
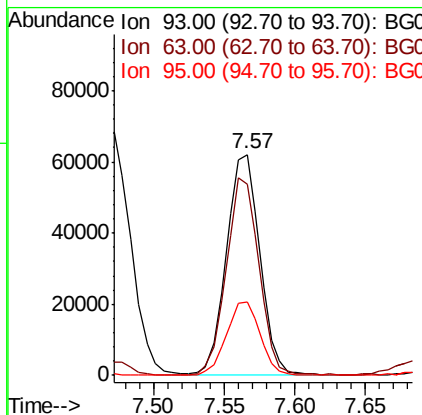
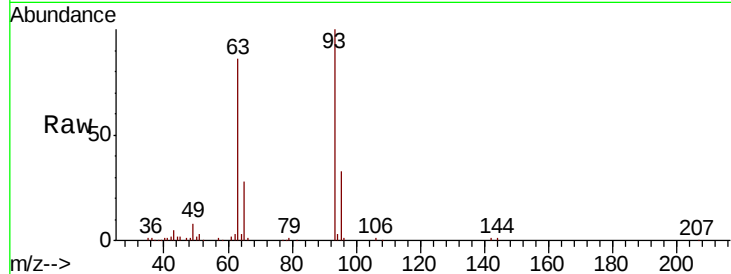
ClientSampleId :

PB117907BS

Tot Ion:	93	Resp:	101746
Ion	Ratio	Lower	Upper
93	100		
63	86.2	69.5	109.5
95	33.1	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 38.907 ng

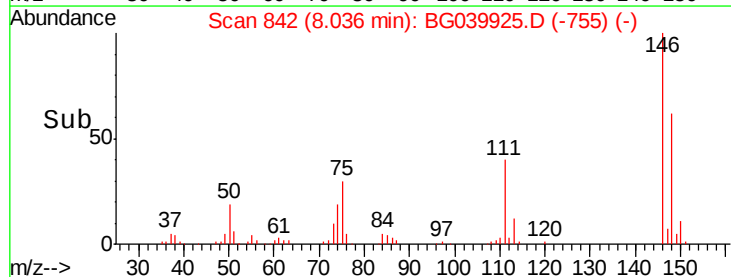
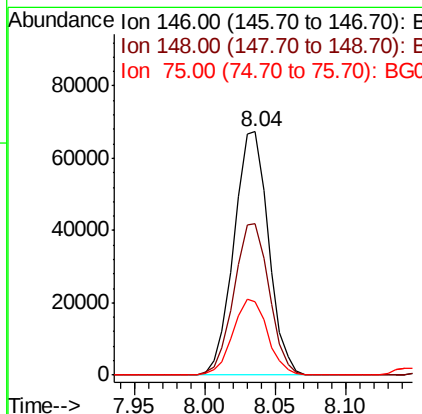
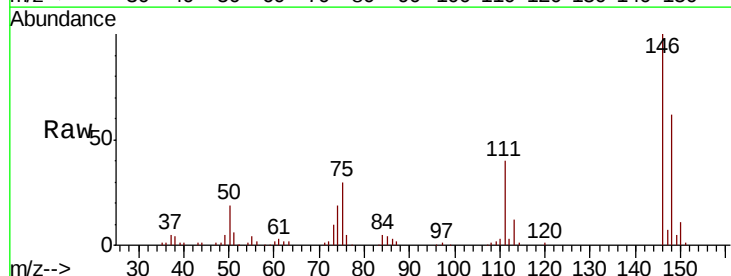
RT: 8.04 min Scan# 842

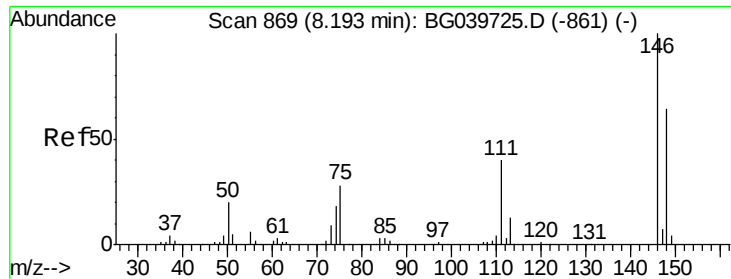
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	146	Resp:	115070
Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.6	79.0
75	30.2	25.8	38.6





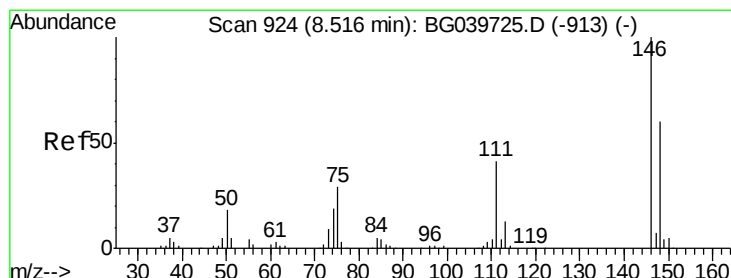
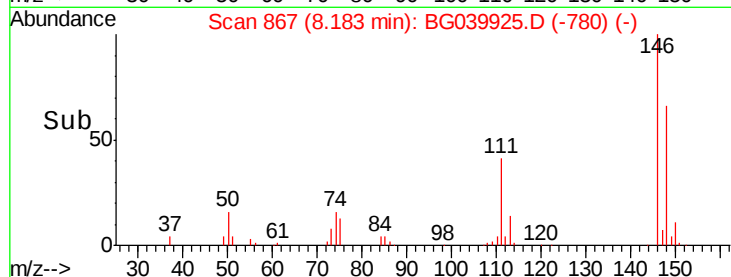
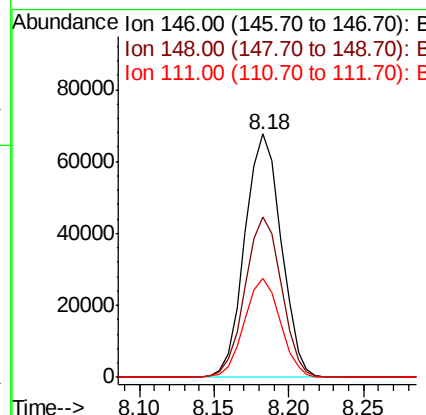
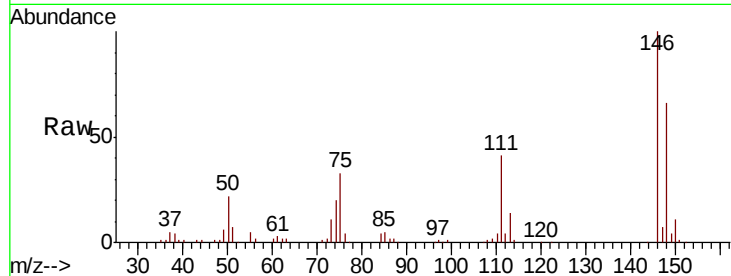
#13
 1,4-Dichlorobenzene
 Concen: 37.909 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.1	76.7
111	40.9	32.6	48.8

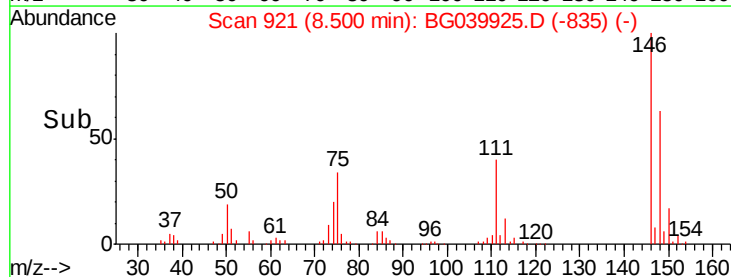
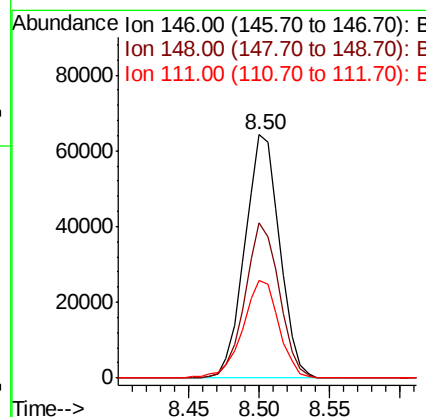
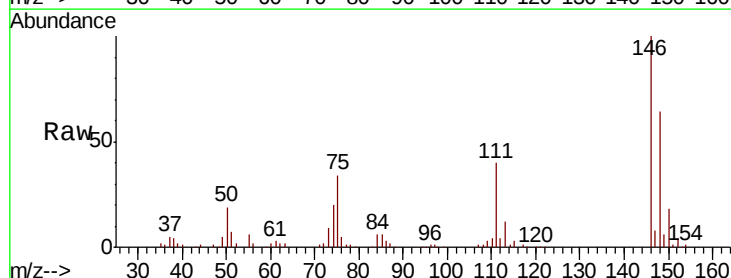
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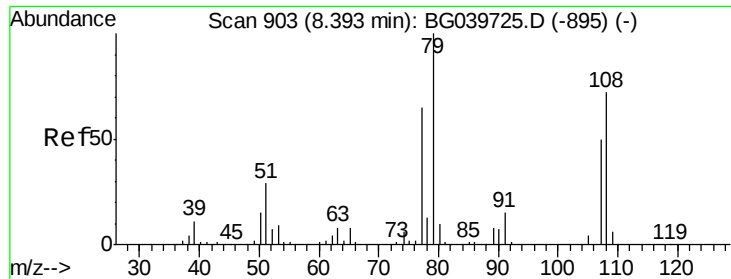
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#14
 1,2-Dichlorobenzene
 Concen: 38.079 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	40.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.635 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

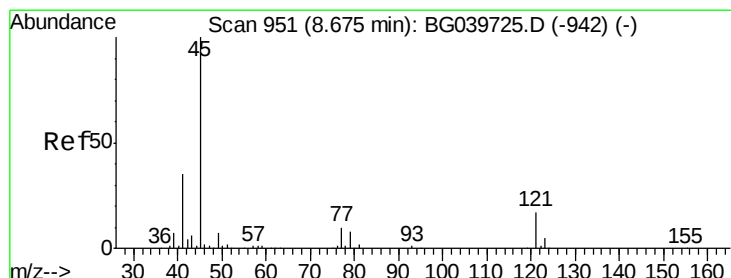
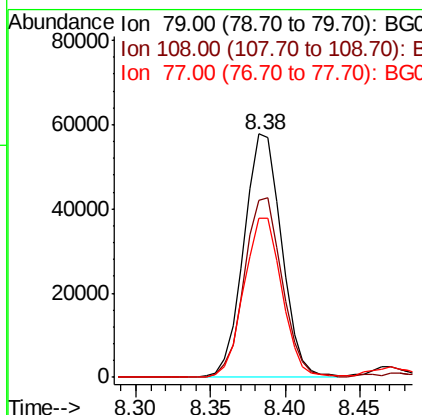
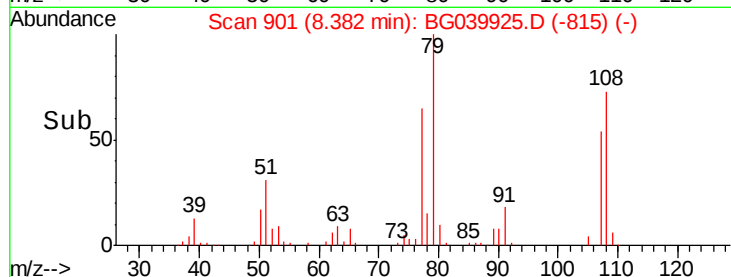
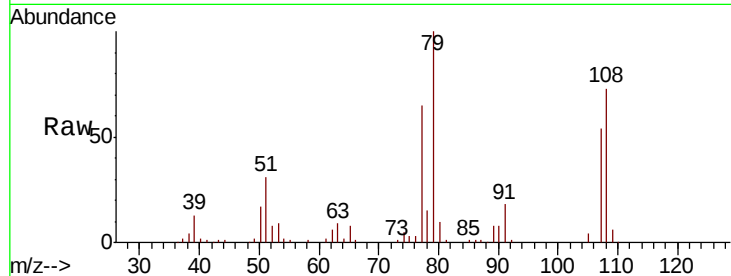
ClientSampleId :

PB117907BS

Tot Ion:	79	Resp:	101048
Ion Ratio	Lower	Upper	
79	100		
108	72.9	57.8	86.6
77	65.1	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.958 ng

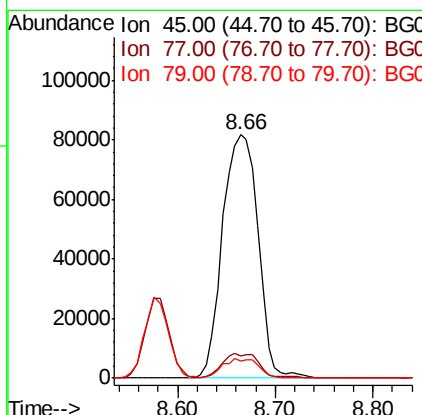
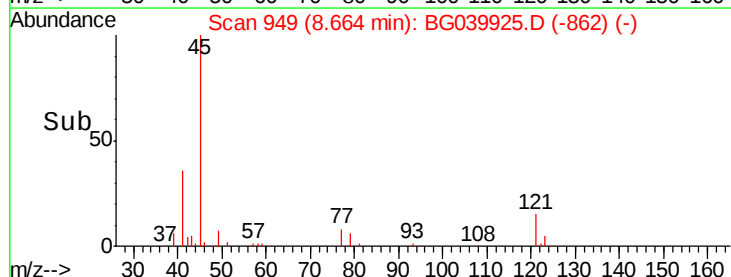
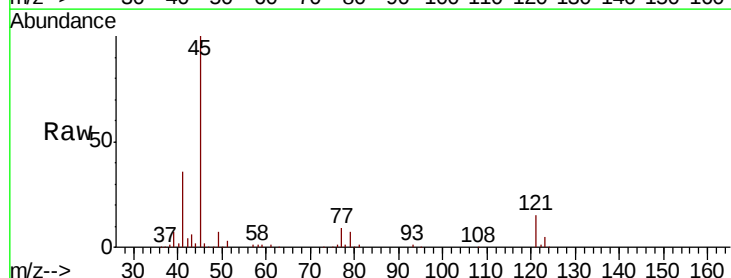
RT: 8.66 min Scan# 949

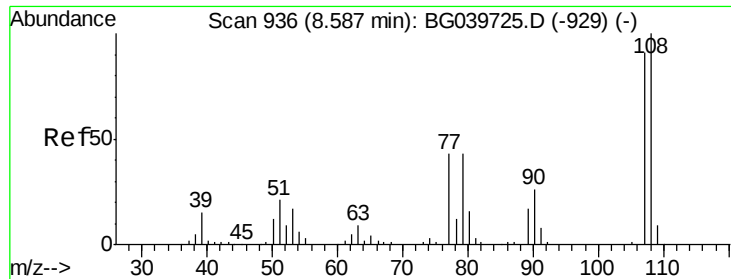
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	45	Resp:	206087
Ion Ratio	Lower	Upper	
45	100		
77	9.0	0.0	30.0
79	7.2	0.0	27.5





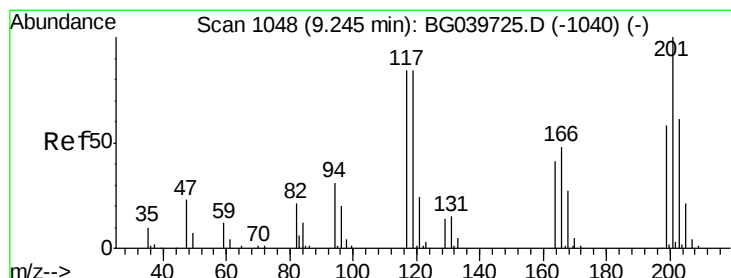
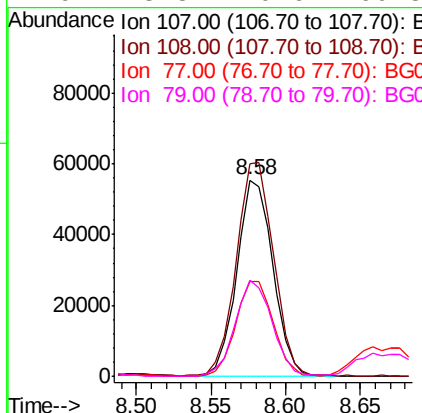
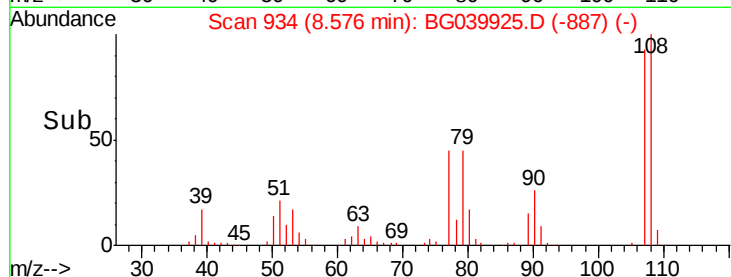
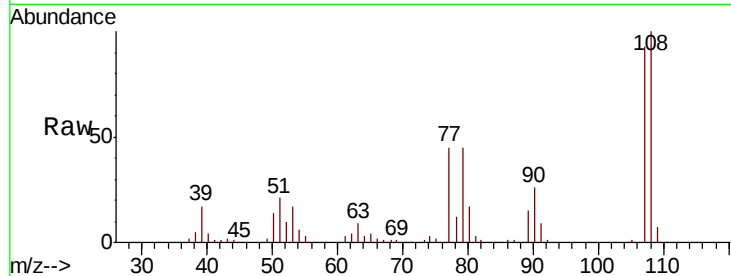
#17
2-Methylphenol
Concen: 41.810 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:	107	Resp:	92822
Ion	Ratio	Lower	Upper
107	100		
108	108.1	90.8	136.2
77	48.1	40.7	61.1
79	48.8	40.6	60.8

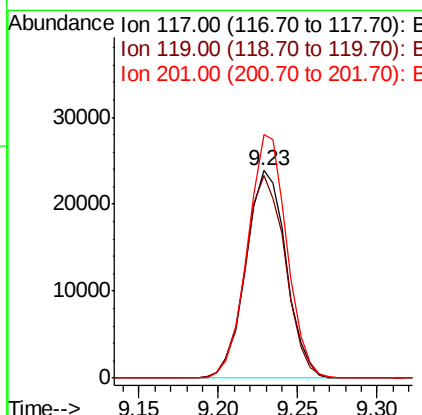
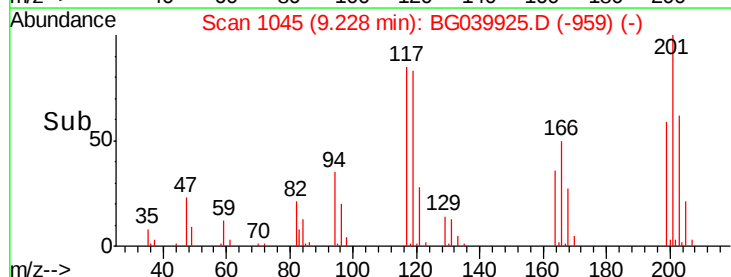
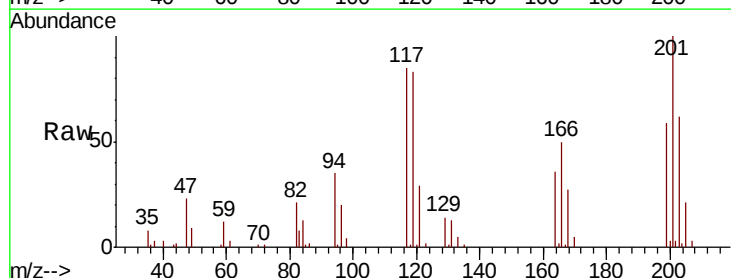
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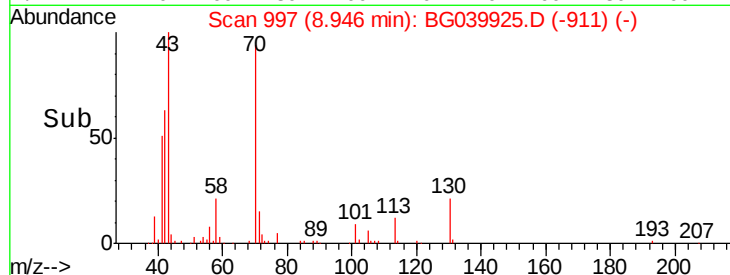
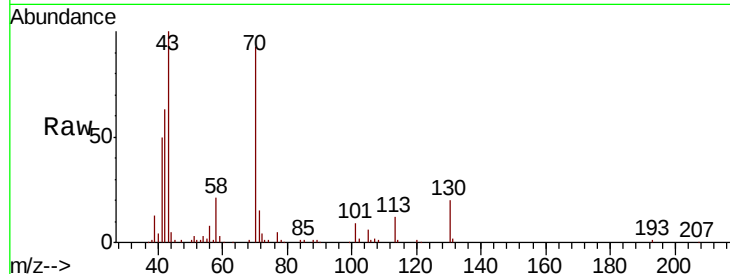
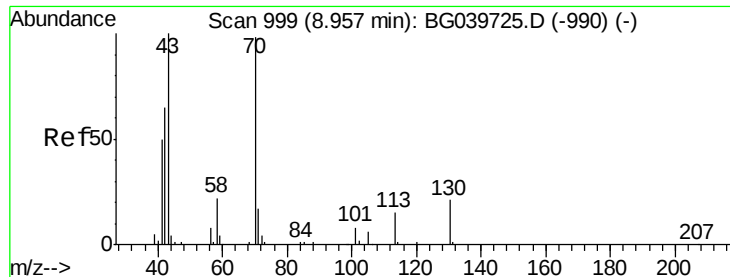
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#18
Hexachloroethane
Concen: 39.001 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:	117	Resp:	42157
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
201	117.3	91.1	136.7





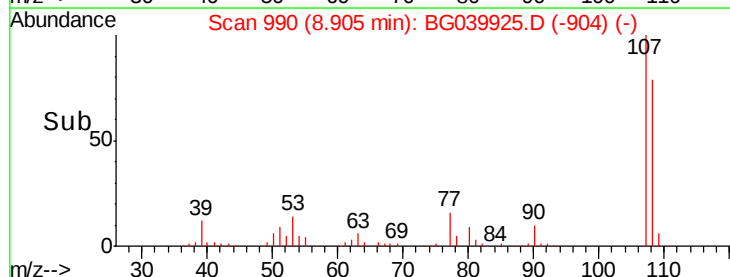
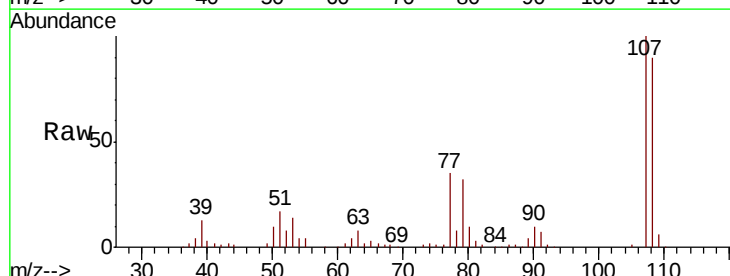
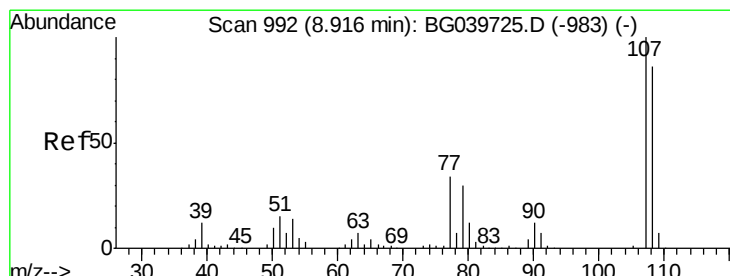
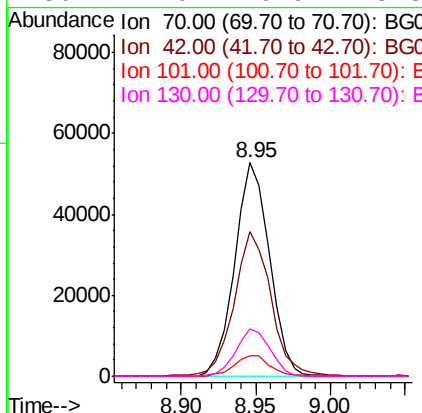
#19
n-Nitroso-di-n-propylamine
Concen: 36.870 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	60.4	90.6	
101	9.7	7.5	11.3	
130	22.0	16.9	25.3	

Instrument :
BNA_G
ClientSampleId :
PB117907BS

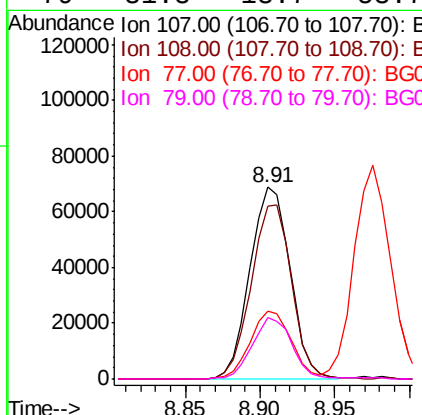
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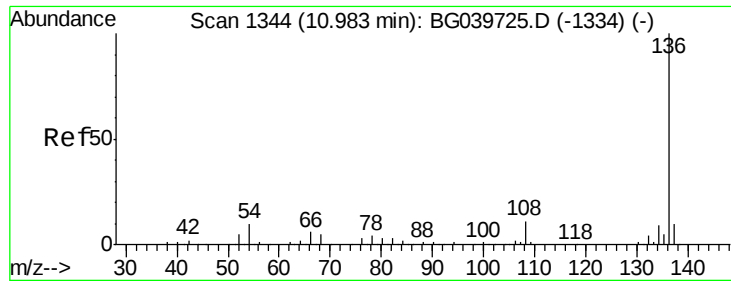
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#20
3+4-Methylphenols
Concen: 41.550 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	67.9	107.9	
77	35.5	15.4	55.4	
79	31.8	13.7	53.7	





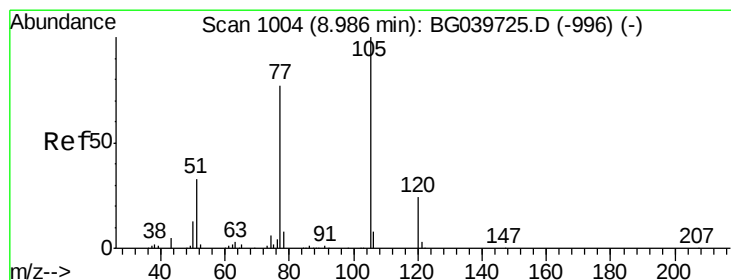
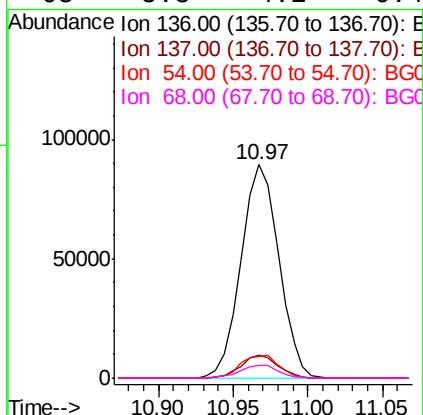
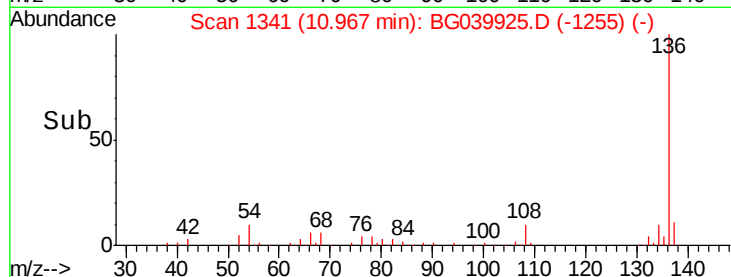
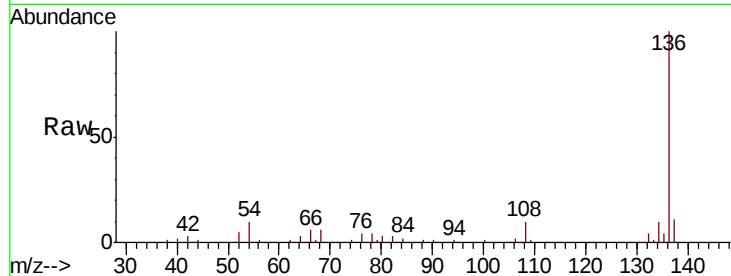
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157396		
137	11.0		9.1	13.7
54	10.0		9.4	14.2
68	5.8		4.2	6.4

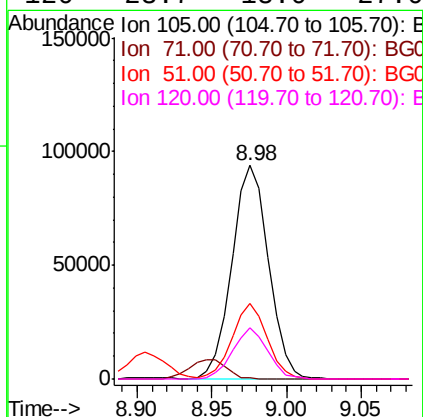
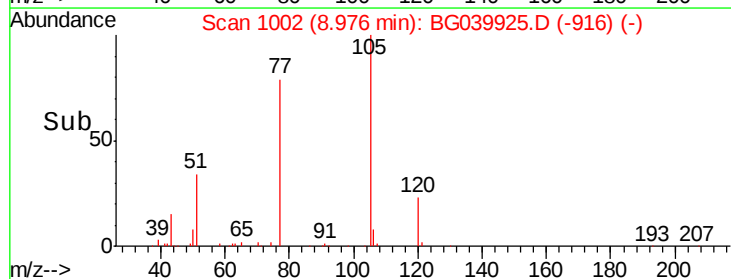
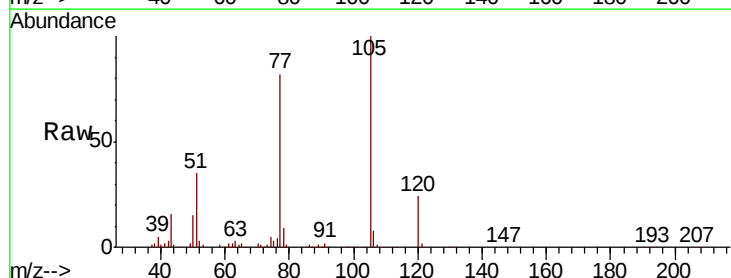
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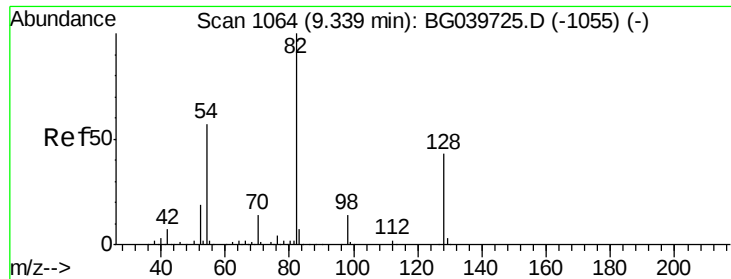
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#22
Acetophenone
Concen: 38.050 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160741		
71	0.6		0.8	1.2#
51	35.1		30.2	45.2
120	23.7		18.0	27.0





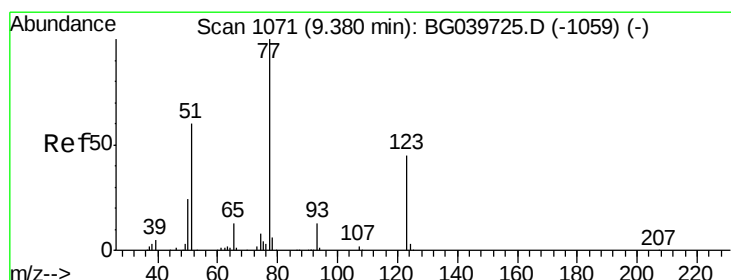
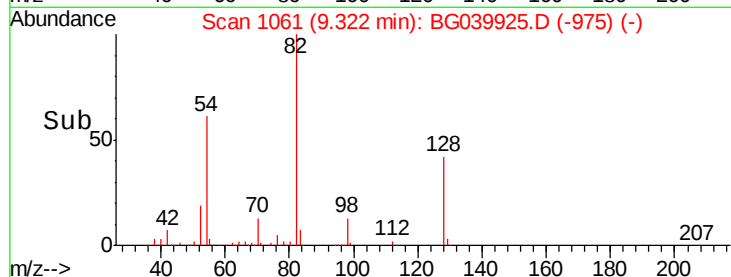
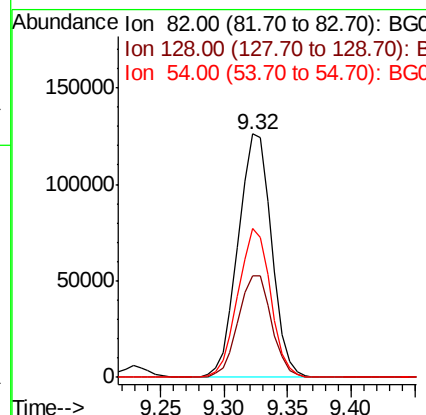
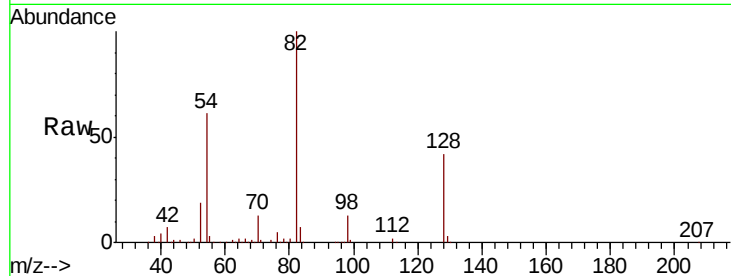
#23
Nitrobenzene-d5
Concen: 79.209 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	230515		
128	41.8	31.3	46.9	
54	61.0	50.9	76.3	

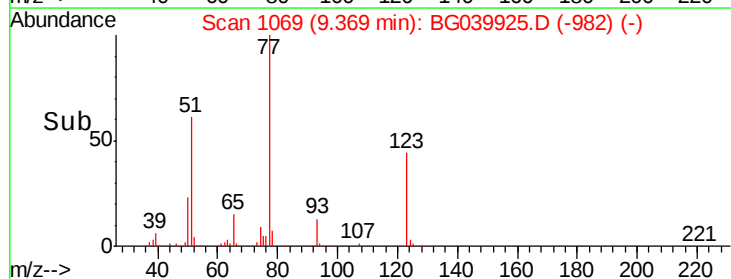
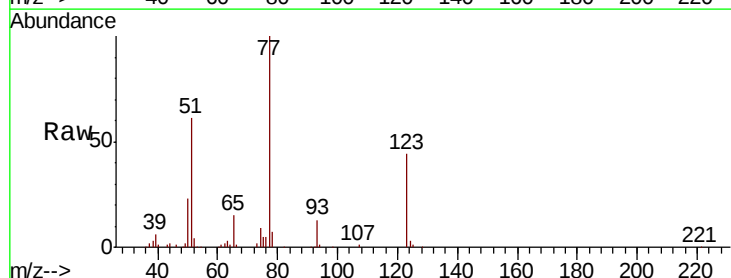
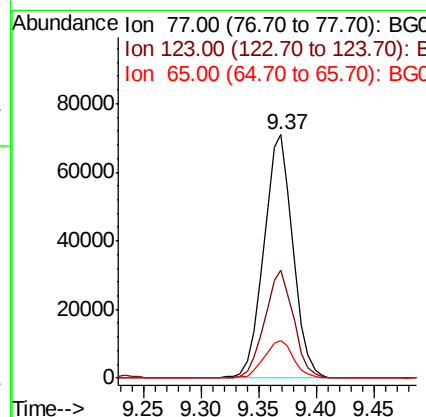
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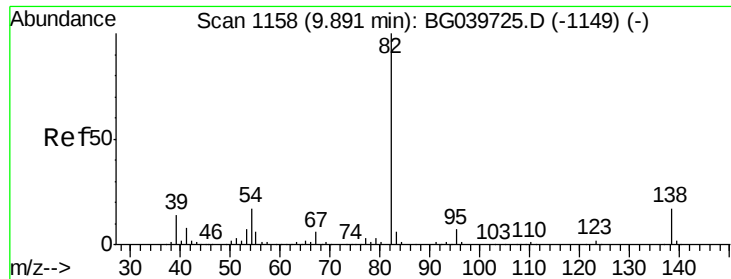
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#24
Nitrobenzene
Concen: 40.677 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124187		
123	44.2	34.1	51.1	
65	15.4	12.3	18.5	





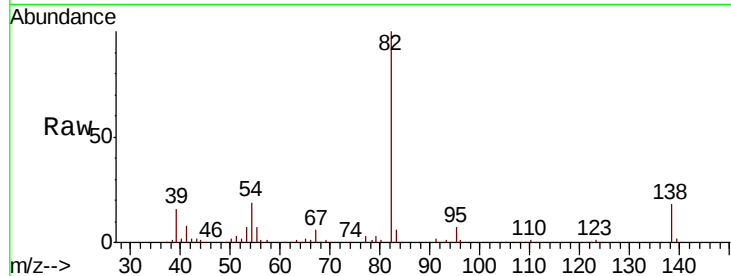
#25
Isophorone
Concen: 39.641 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

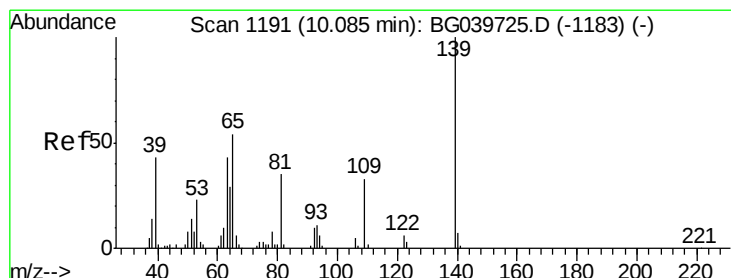
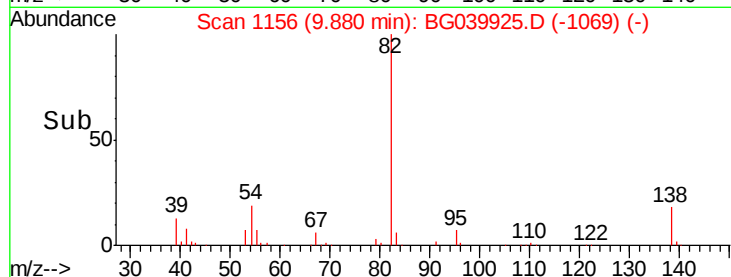
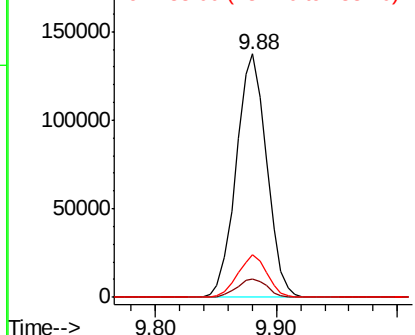
Tot Ion	Ratio	Resp	Lower	Upper
82	100	241722		
95	7.4		6.2	9.2
138	17.7		13.0	19.4

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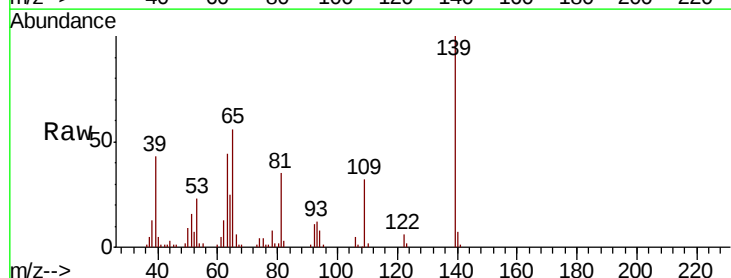


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

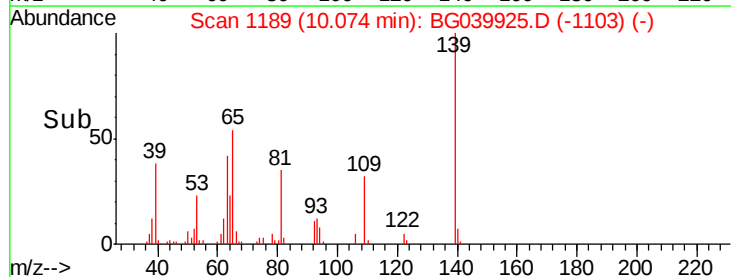
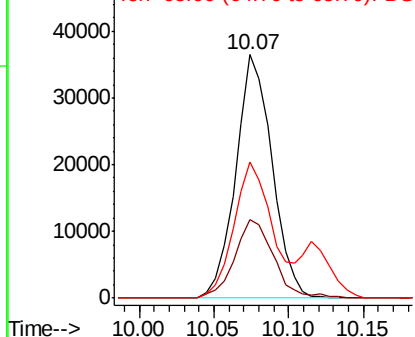


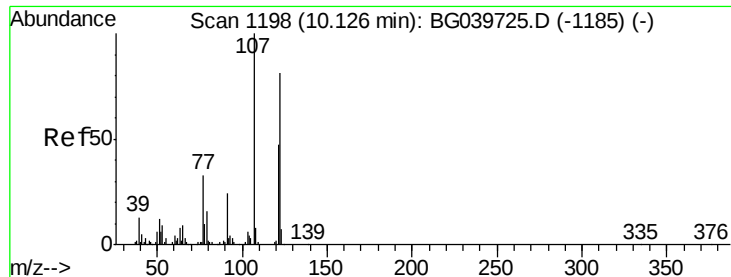
#26
2-Nitrophenol
Concen: 41.734 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61519		
109	32.4		23.4	35.0
65	55.8		44.3	66.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





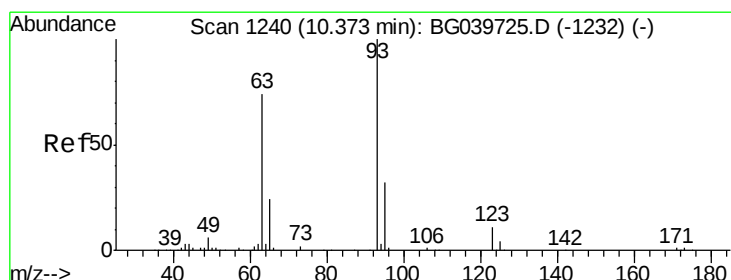
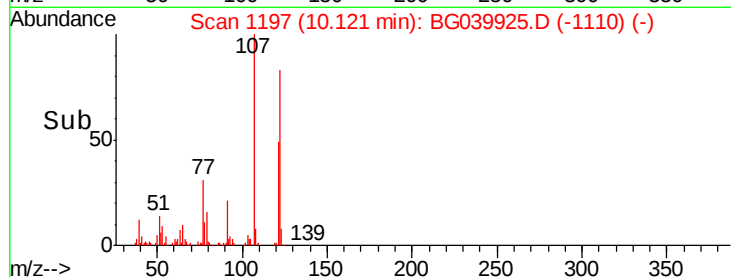
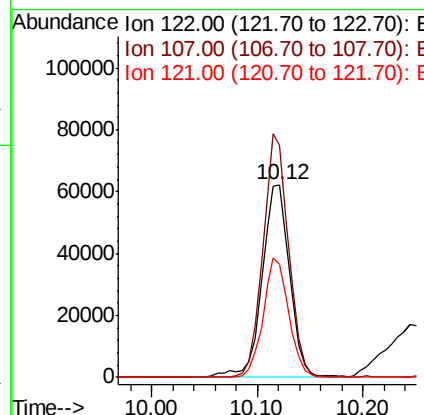
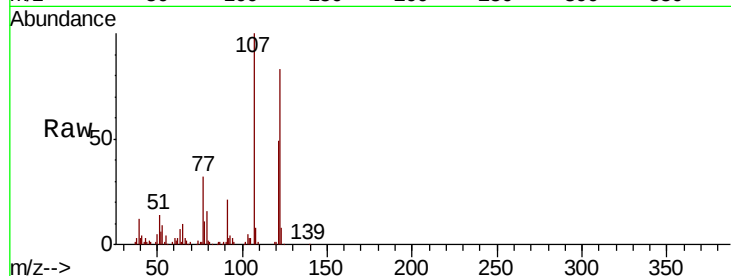
#27
2,4-Dimethylphenol
Concen: 49.176 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	120.4	91.7	137.5	
121	59.0	46.4	69.6	

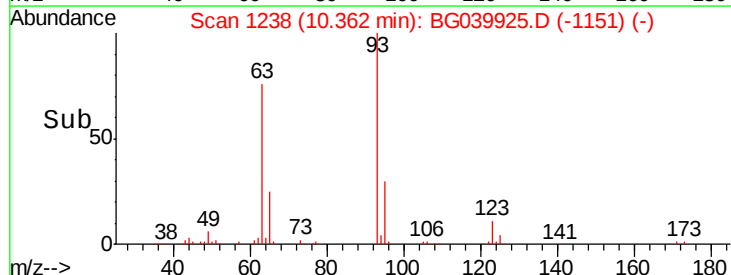
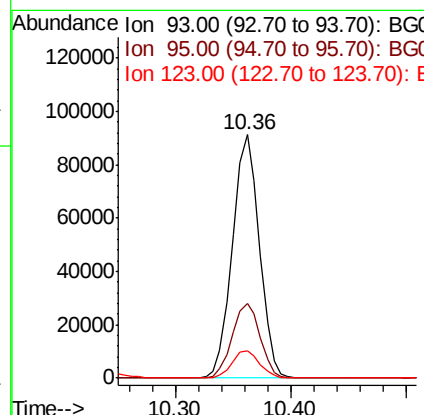
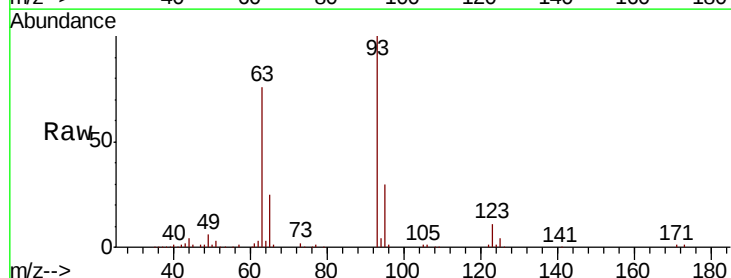
Manual Integrations
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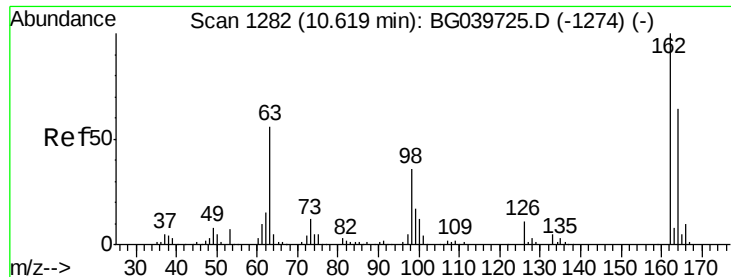
Sohil
3/15/2019 10:12:26 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.843 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	30.4	25.0	37.4	
123	11.0	8.6	12.8	





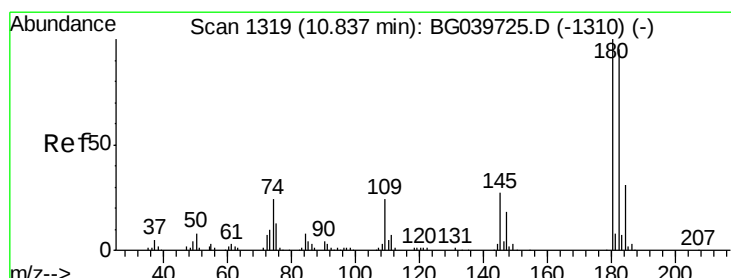
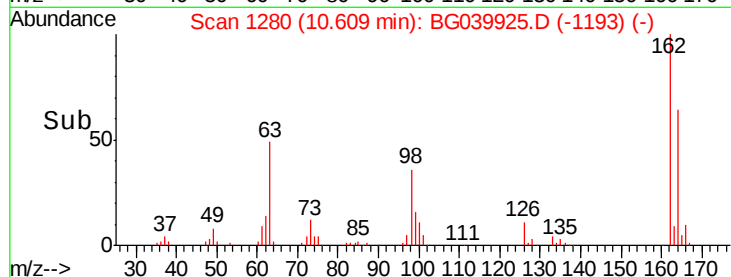
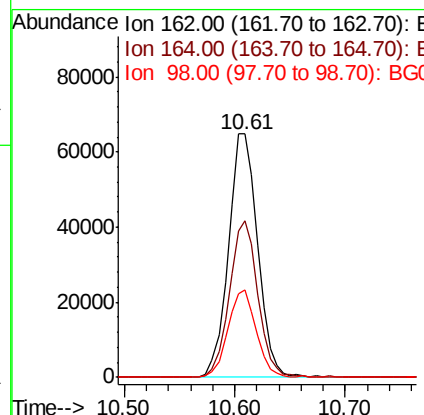
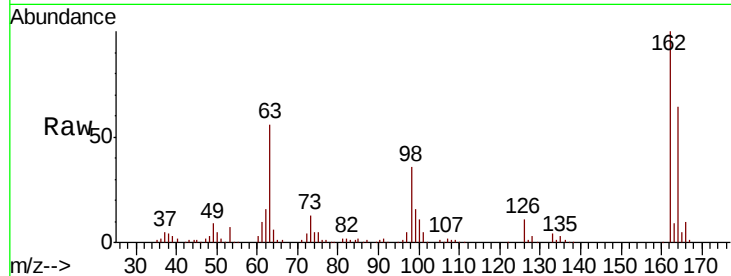
#29
 2,4-Dichlorophenol
 Concen: 46.404 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.1	88.1
98	36.1	18.1	58.1

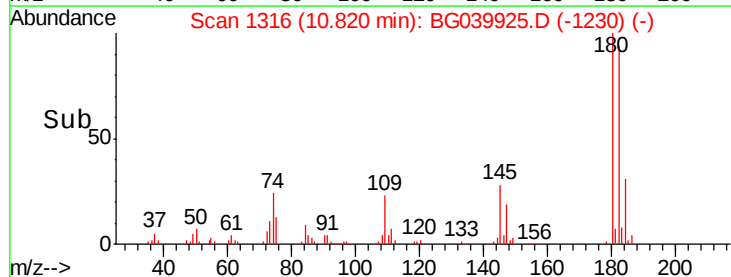
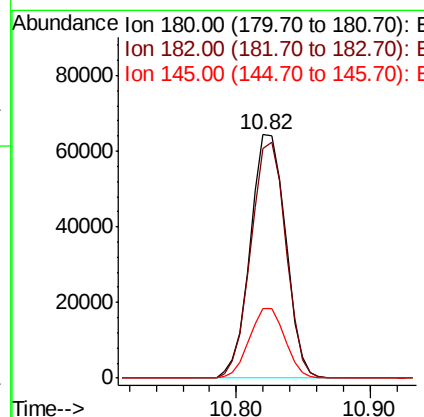
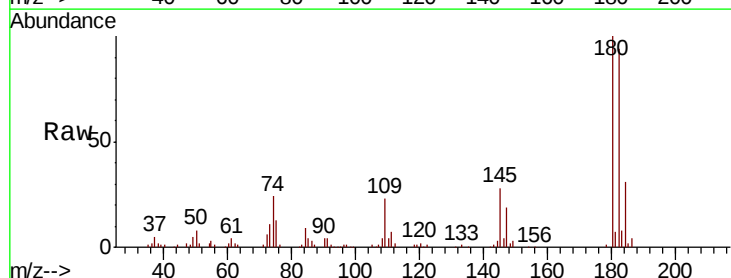
Manual Integrations
 APPROVED

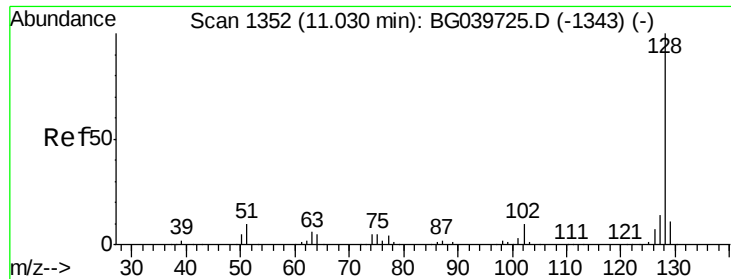
Sohil
 3/15/2019 10:12:26 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.525 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.0	114.0
145	28.5	22.7	34.1





#31

Naphthalene

Concen: 40.039 ng

RT: 11.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

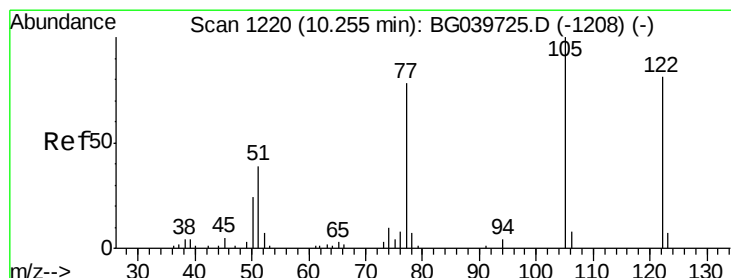
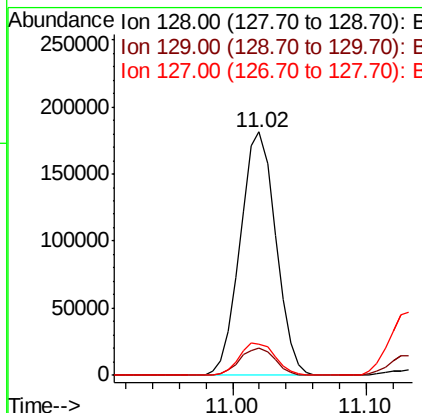
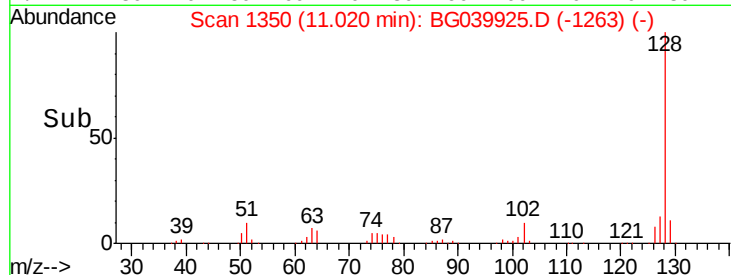
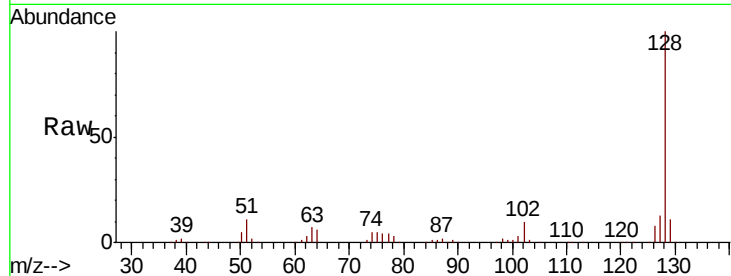
ClientSampleId :

PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	333663		
129	11.0	8.7	13.1	
127	12.9	10.8	16.2	

Manual Integrations
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#32

Benzoic acid

Concen: 38.468 ng m

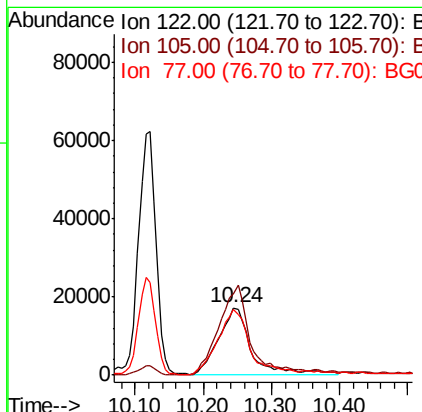
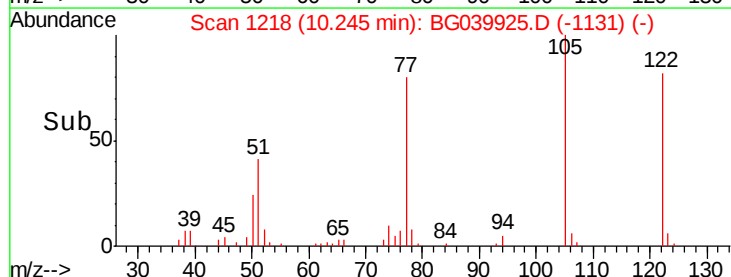
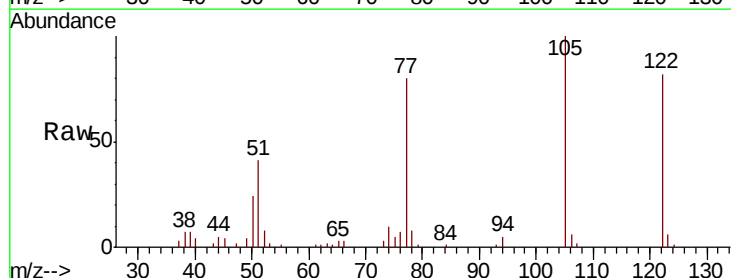
RT: 10.24 min Scan# 1218

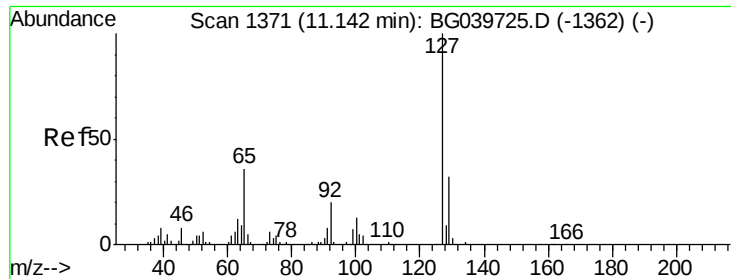
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58161		
105	121.4	101.8	141.8	
77	97.0	76.3	116.3	





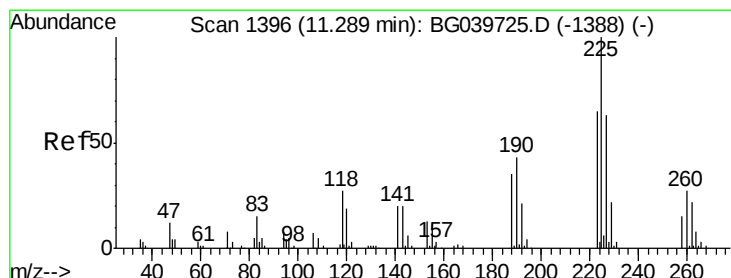
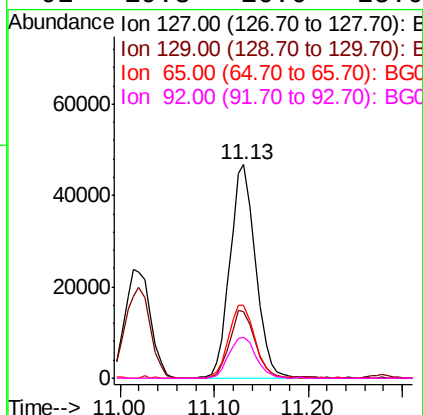
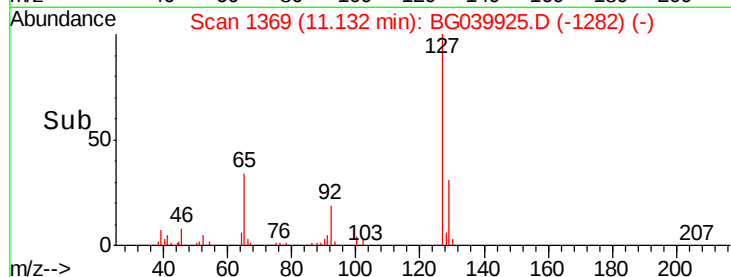
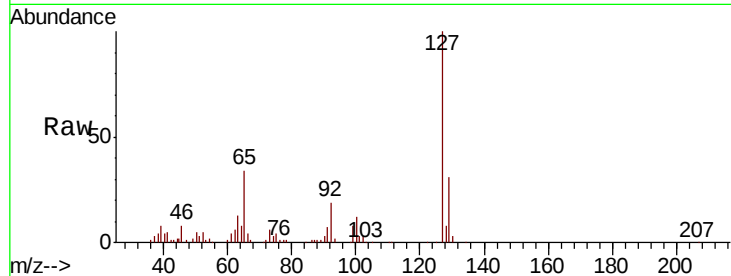
#33
4-Chloroaniline
Concen: 25.038 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	34.3	28.8	43.2
92	19.3	16.6	25.0

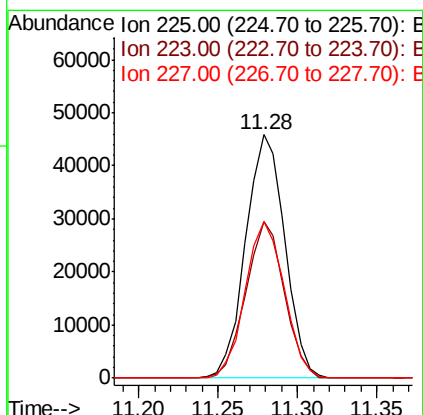
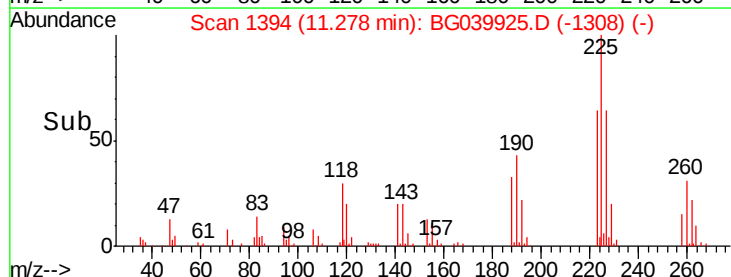
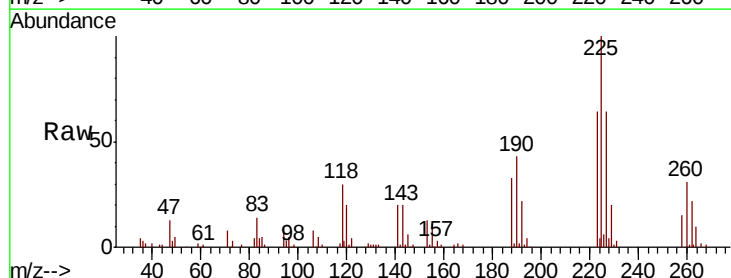
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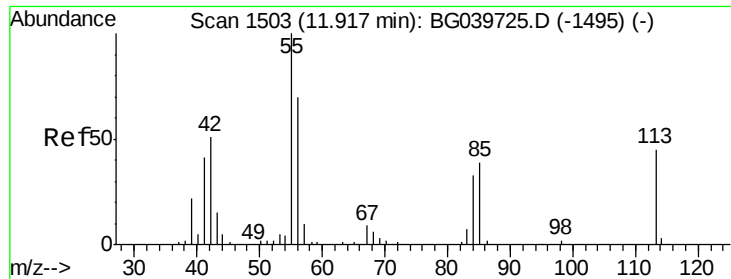
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#34
Hexachlorobutadiene
Concen: 39.668 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	64.1	46.3	69.5





#35

Caprolactam

Concen: 40.639 ng/ml

RT: 11.91 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

ClientSampleID :

PB117907BS

Tot Ion:113 Resp: 40070

Ion Ratio Lower Upper

113 100

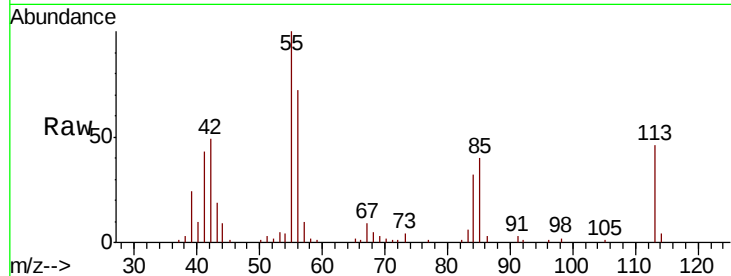
55 217.2 216.9 256.9

56 156.2 152.6 192.6

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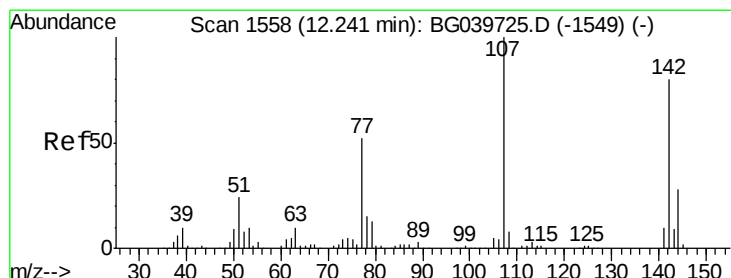
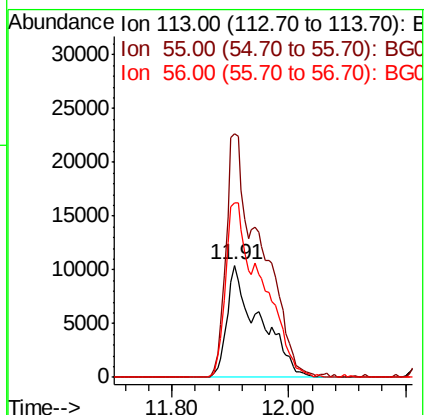
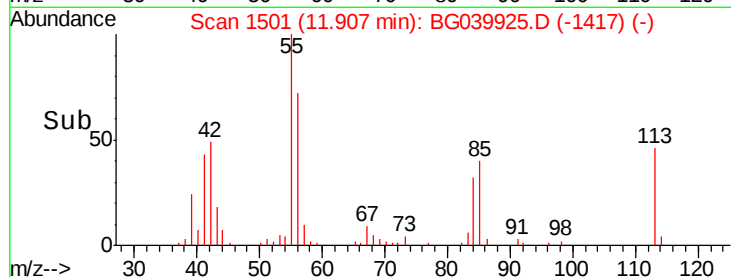
3/15/2019 10:12:26 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.930 ng/ml

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

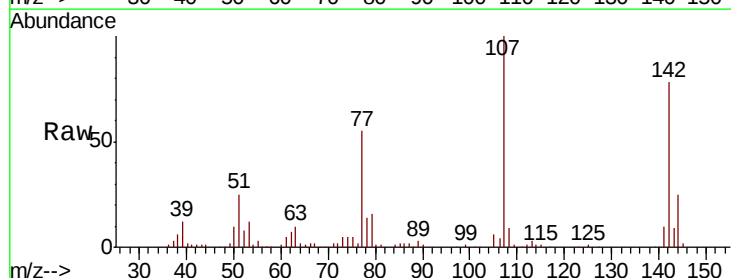
Tgt Ion:107 Resp: 129982

Ion Ratio Lower Upper

107 100

144 25.2 20.2 30.2

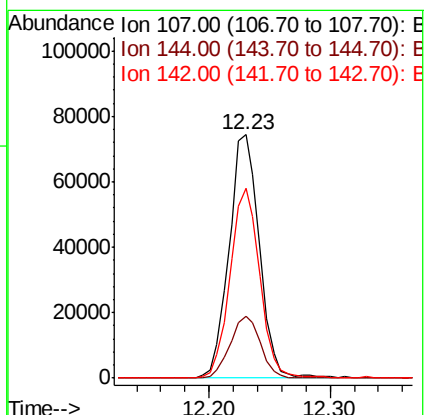
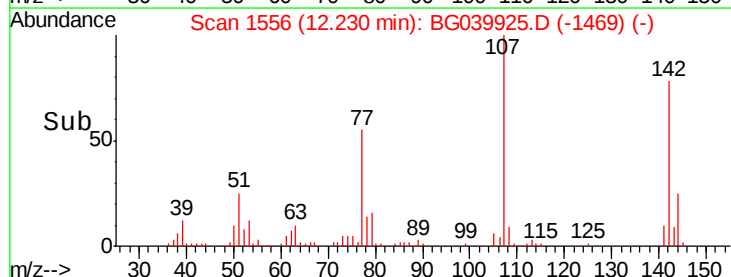
142 78.2 61.4 92.2

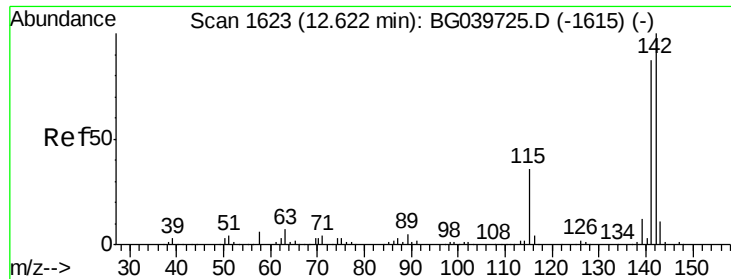


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





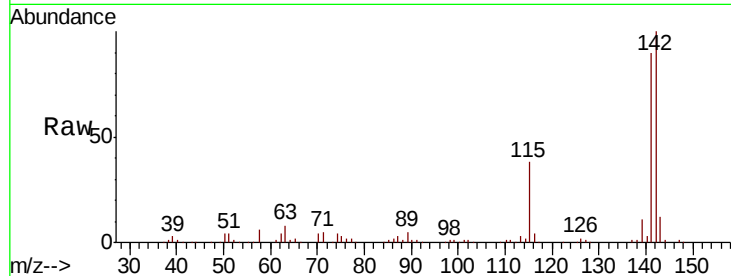
#37
2-Methylnaphthalene
Concen: 41.661 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	38.3	30.8	46.2

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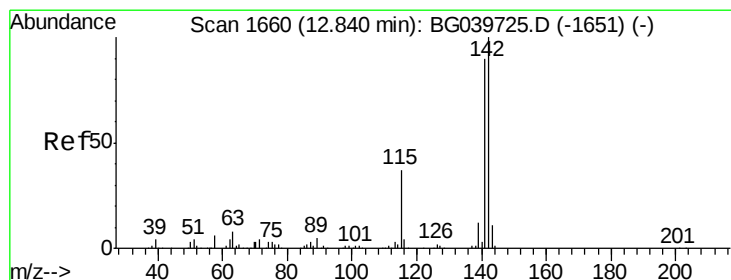
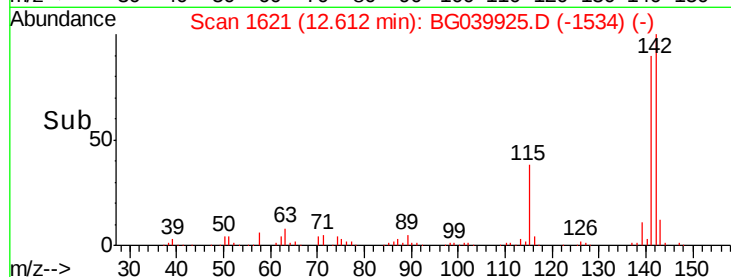
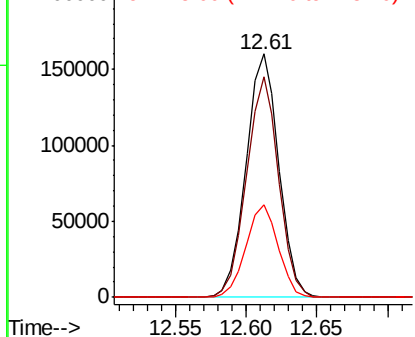


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.661 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

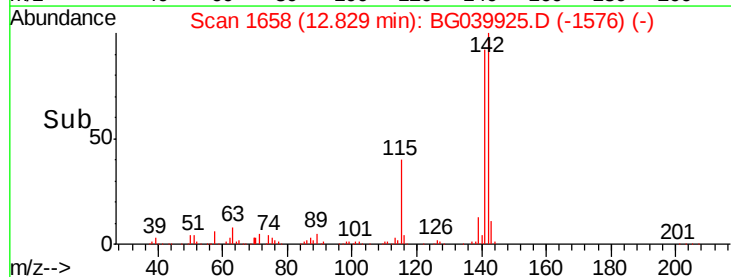
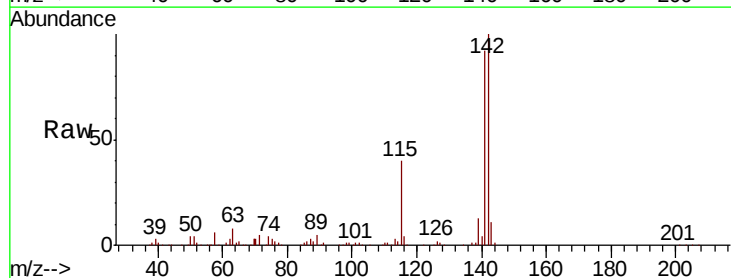
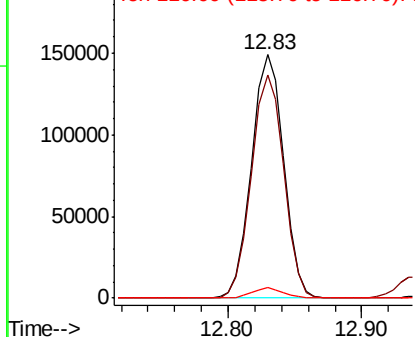
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	4.1	3.0	4.6

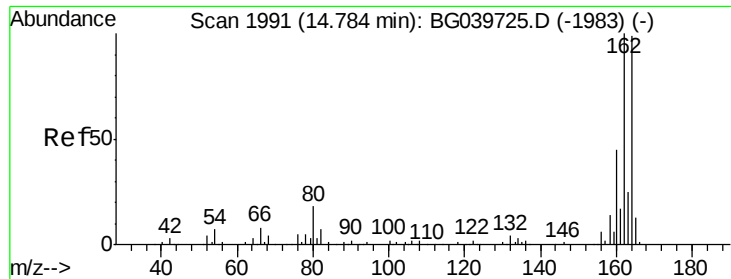
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





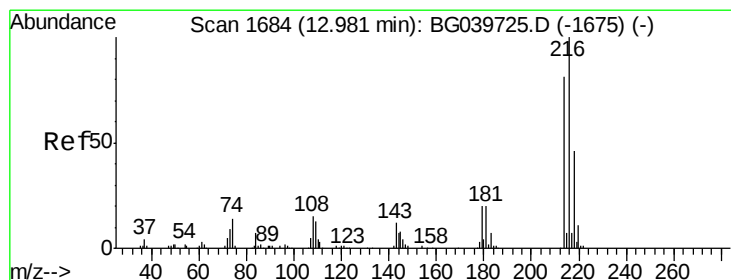
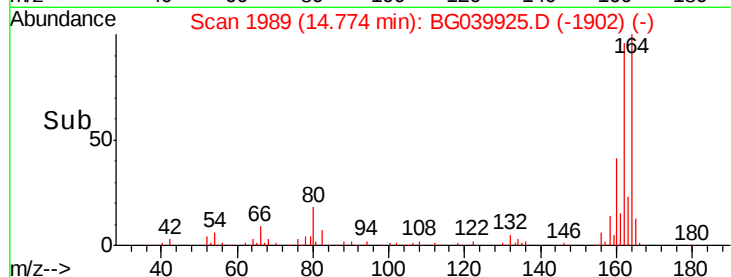
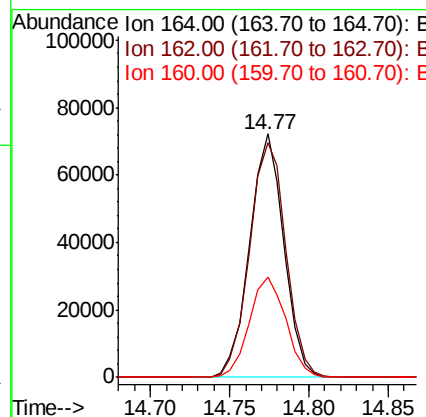
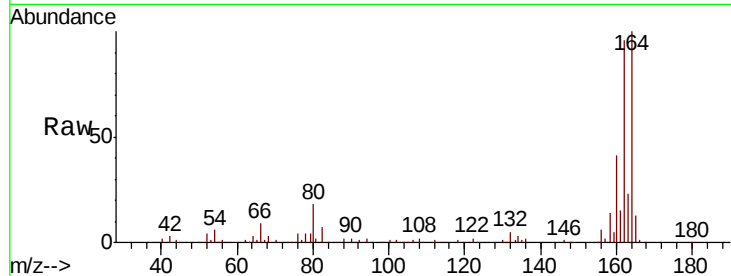
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.5	81.6	122.4
160	40.9	34.2	51.2

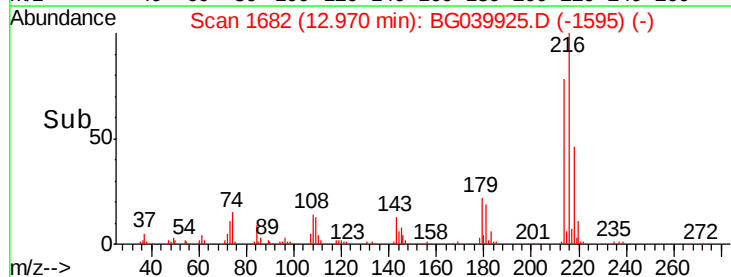
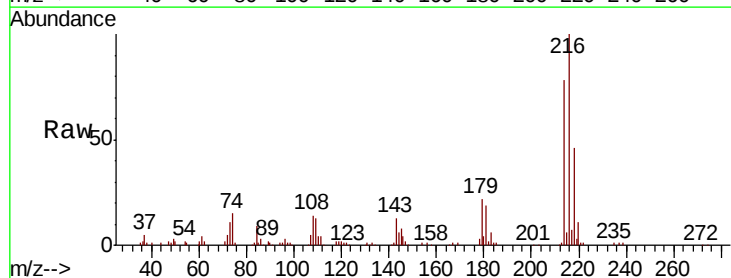
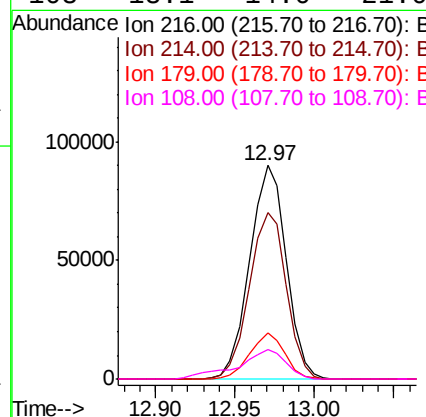
Manual Integrations
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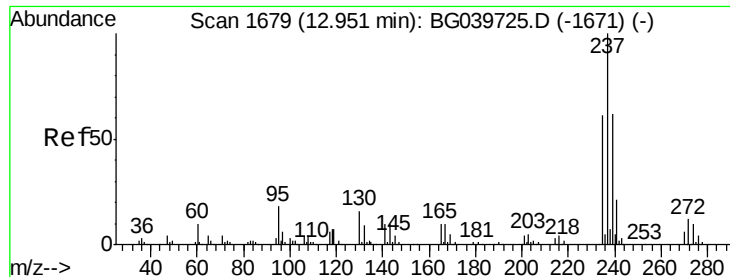
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.430 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	94.0
179	20.5	16.6	25.0
108	18.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 94.469 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

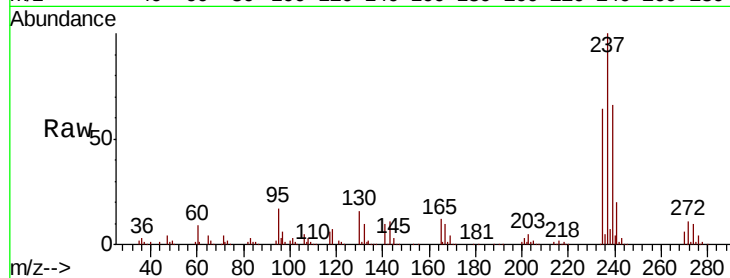
ClientSampleId :

PB117907BS

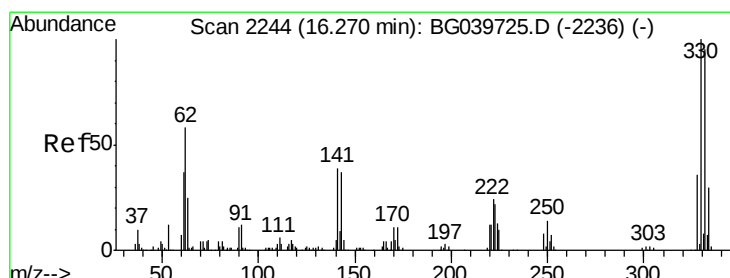
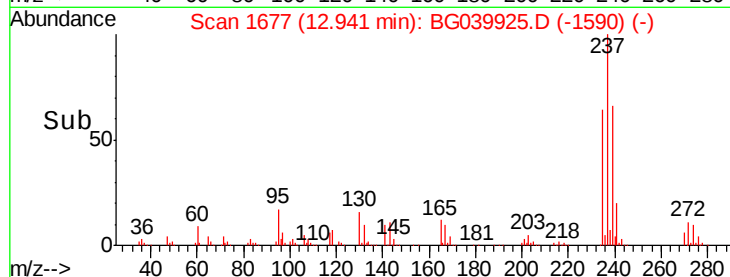
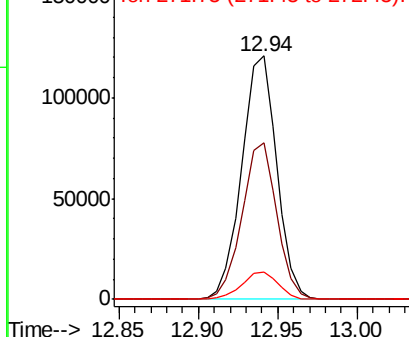
Tot Ion:	237	Resp:	185349
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.3	83.3
272	11.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 135.030 ng

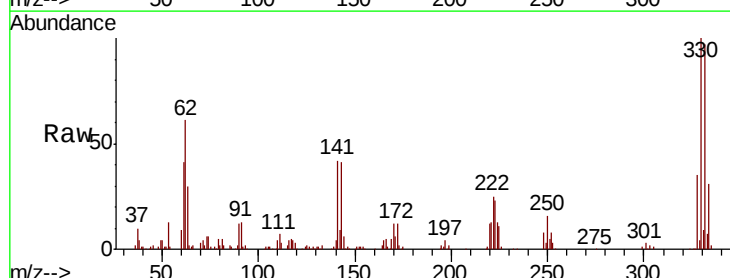
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

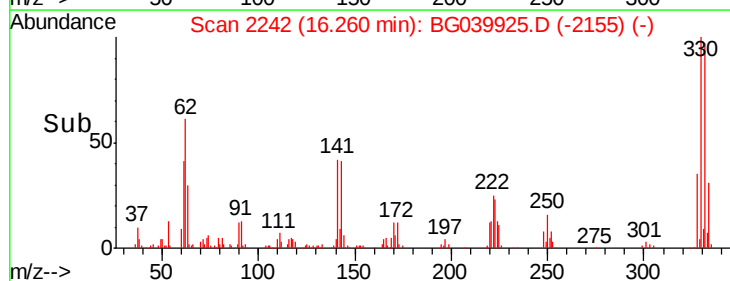
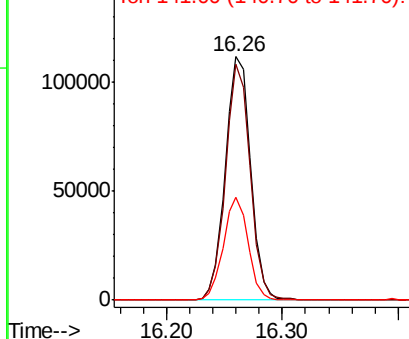
Lab File: BG039925.D

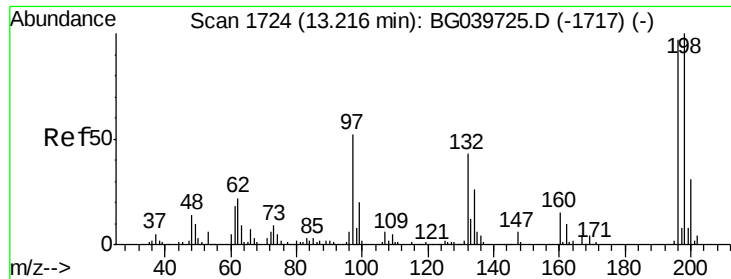
Acq: 14 Mar 2019 15:04

Tgt Ion:	330	Resp:	170087
Ion Ratio	Lower	Upper	
330	100		
332	94.1	75.7	113.5
141	41.1	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





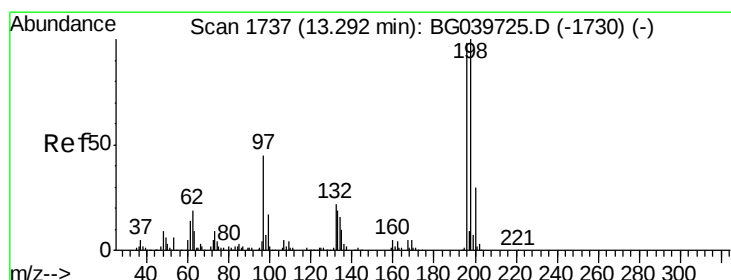
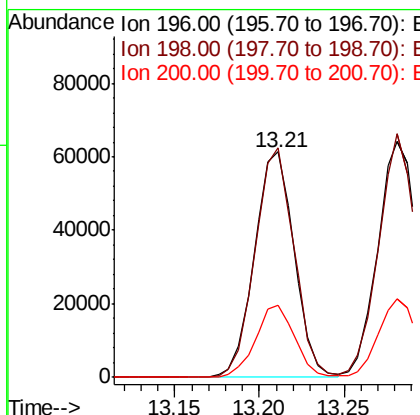
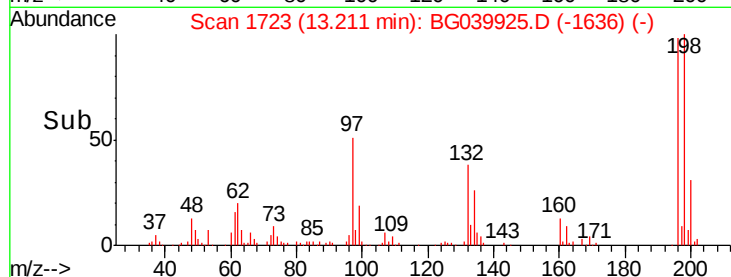
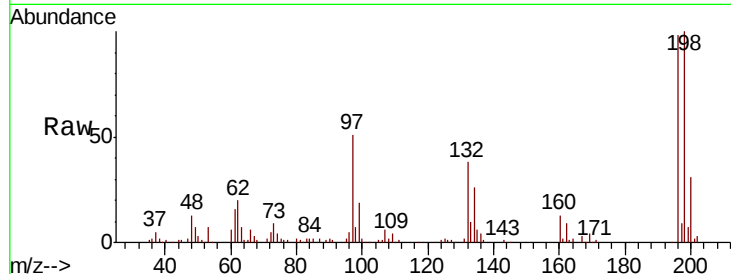
#43
 2,4,6-Trichlorophenol
 Concen: 46.901 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampled :
 PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100529		
198	101.8	80.6	121.0	
200	32.0	26.1	39.1	

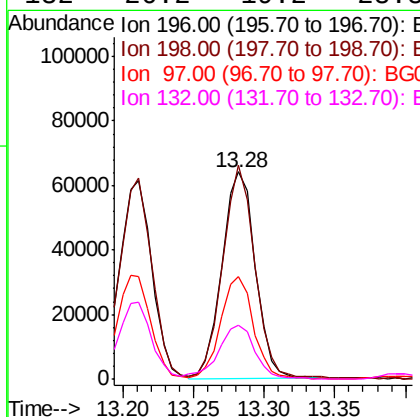
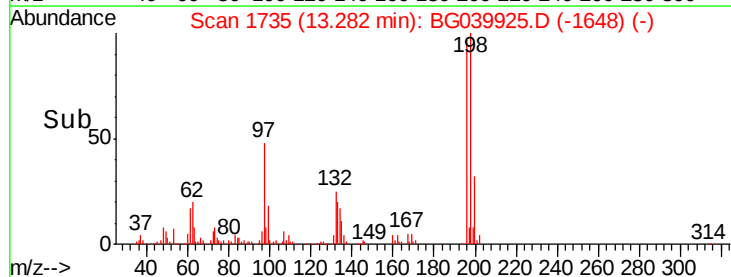
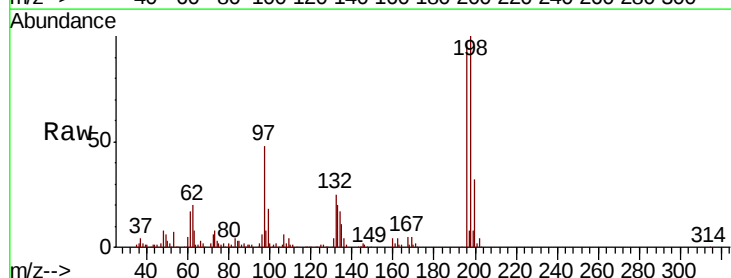
Manual Integrations
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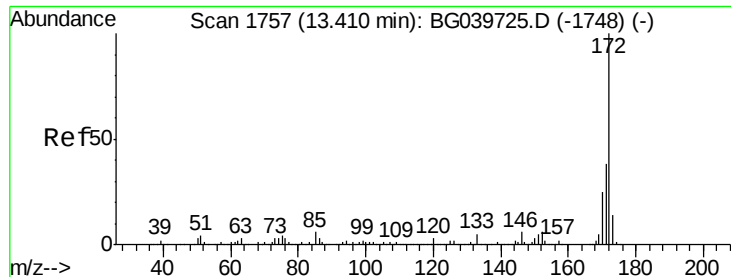
Sohil
 3/15/2019 10:12:26 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.463 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105007		
198	103.1	78.5	117.7	
97	49.4	38.4	57.6	
132	26.2	19.2	28.8	





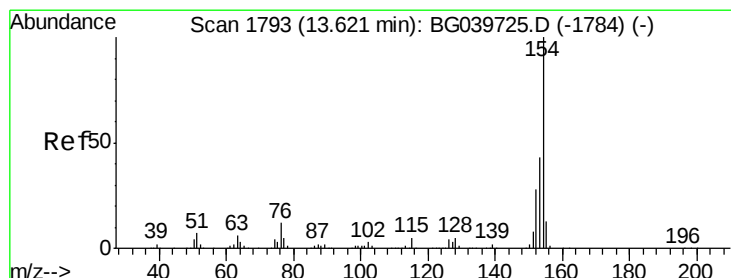
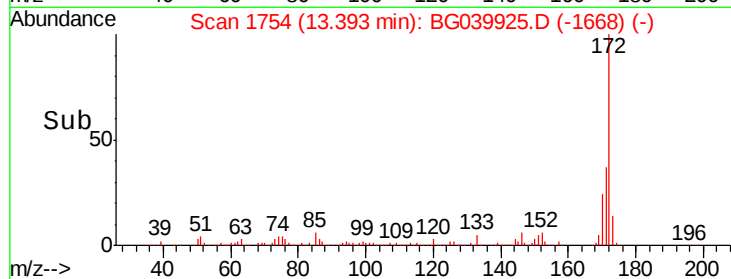
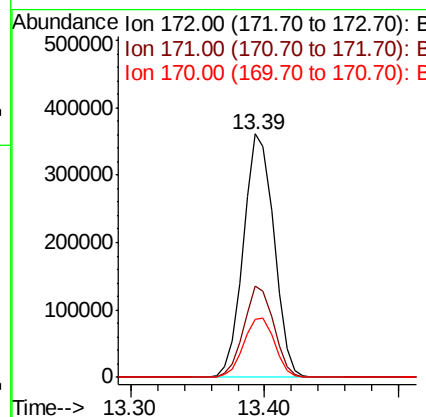
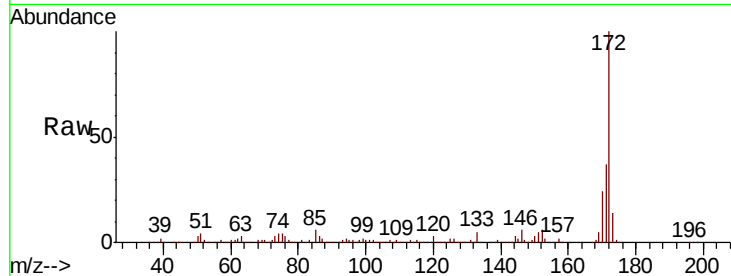
#45
2-Fluorobiphenyl
Concen: 74.774 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	23.8	20.2	30.4

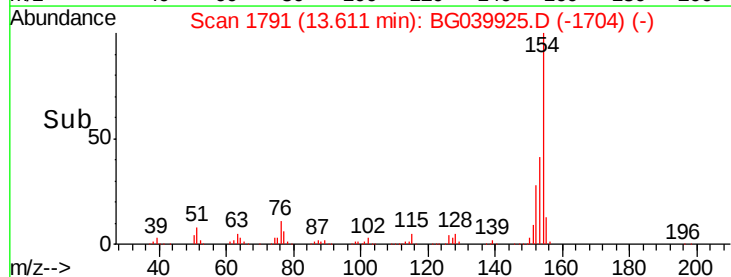
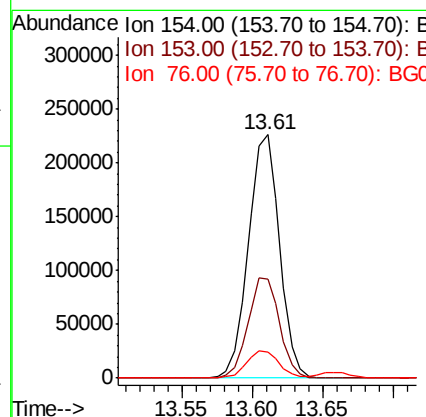
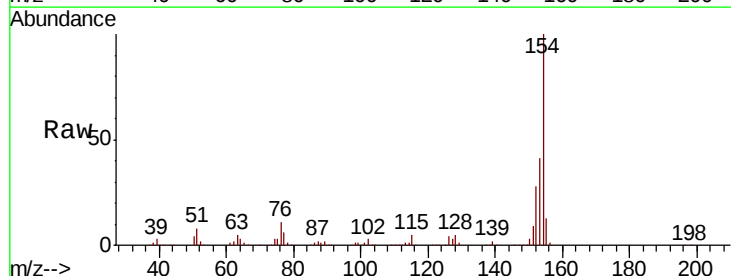
Manual Integrations
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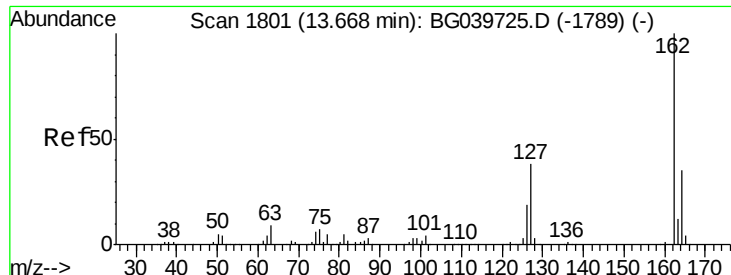
Sohil
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#46
1,1'-Biphenyl
Concen: 39.313 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.1	62.1
76	10.9	0.0	32.4





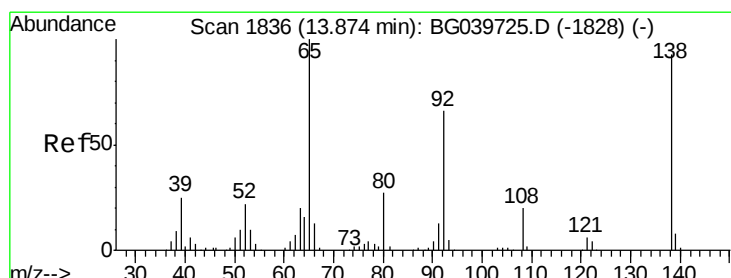
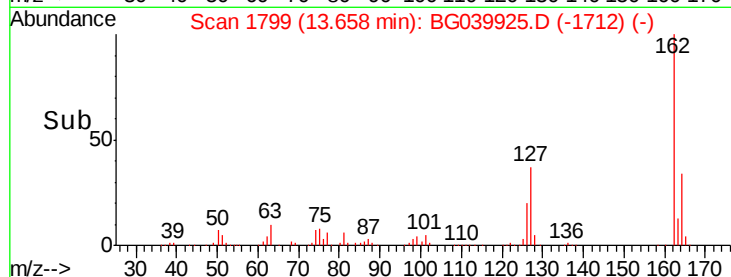
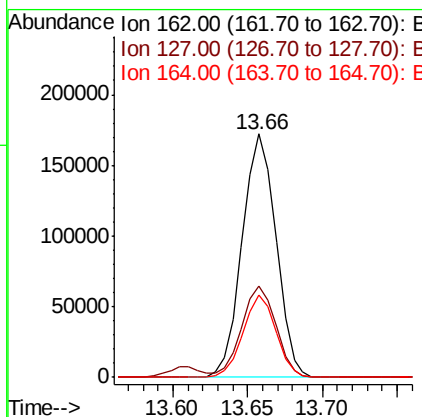
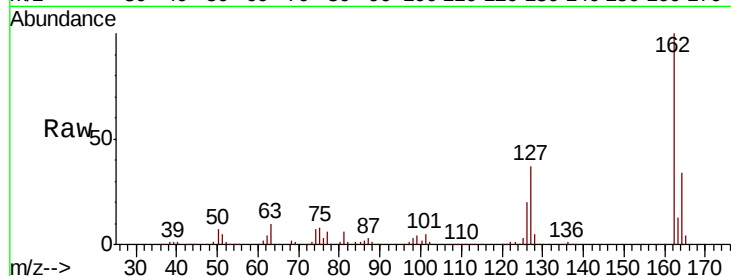
#47
2-Chloronaphthalene
Concen: 40.375 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.0	46.6
164	33.9	25.7	38.5

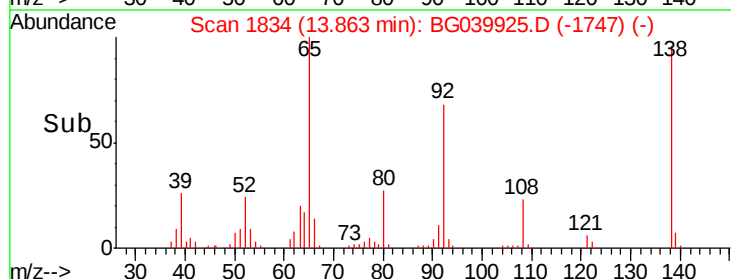
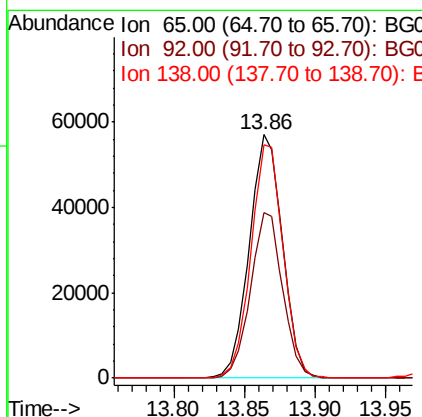
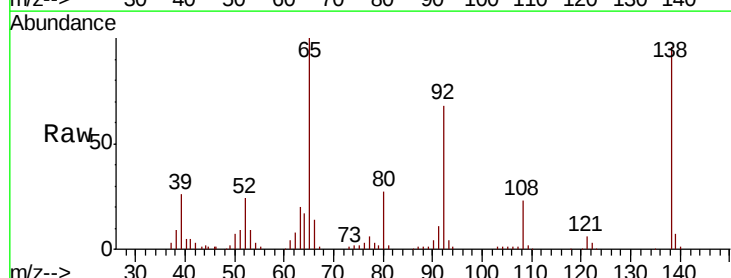
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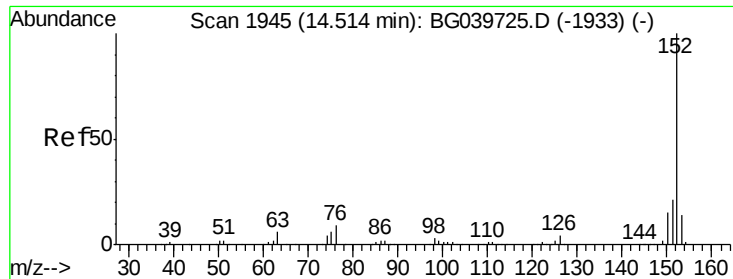
Sohil
3/15/2019 10:12:26 AM



#48
2-Nitroaniline
Concen: 43.792 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	51.4	77.2
138	95.6	71.4	107.2





#49

Acenaphthylene

Concen: 39.534 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

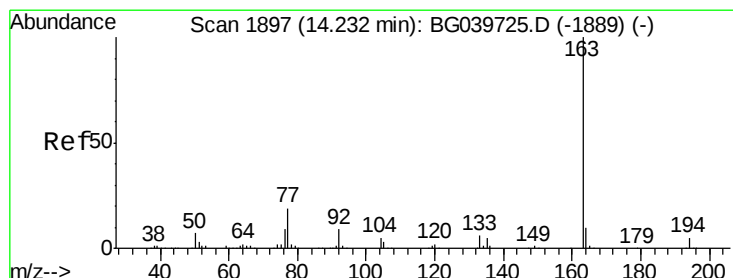
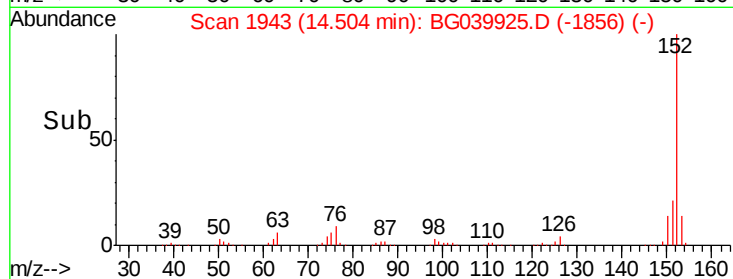
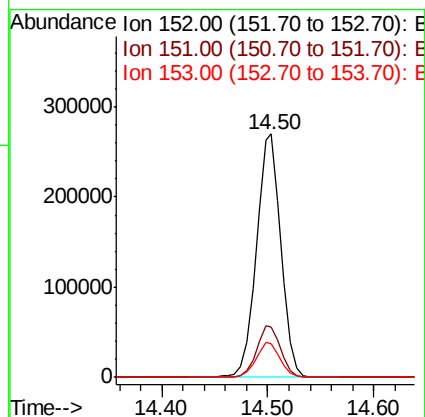
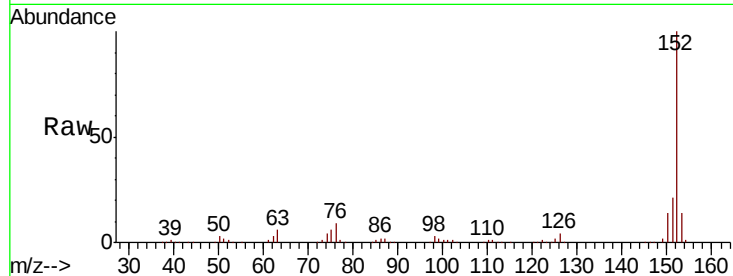
ClientSampleId :

PB117907BS

Tot Ion:	152	Resp:	433970
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.422 ng

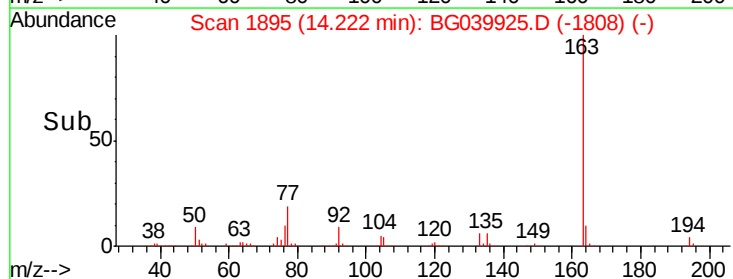
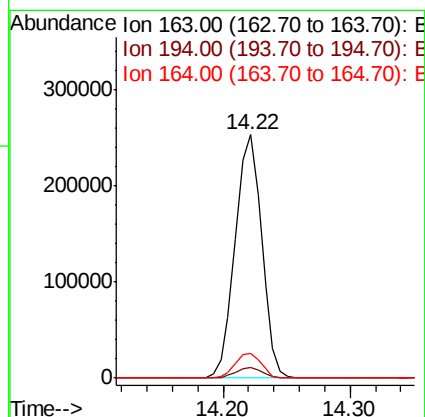
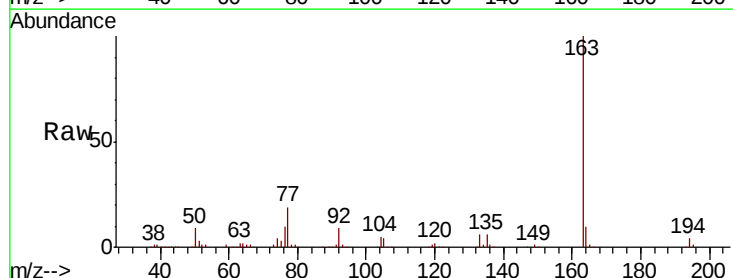
RT: 14.22 min Scan# 1895

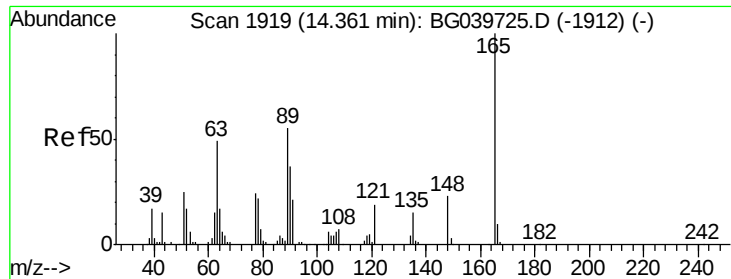
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	163	Resp:	365281
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	9.9	8.4	12.6





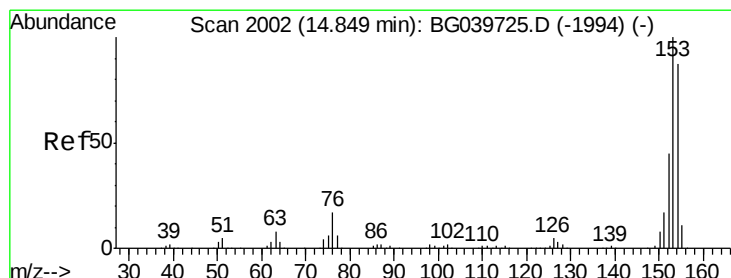
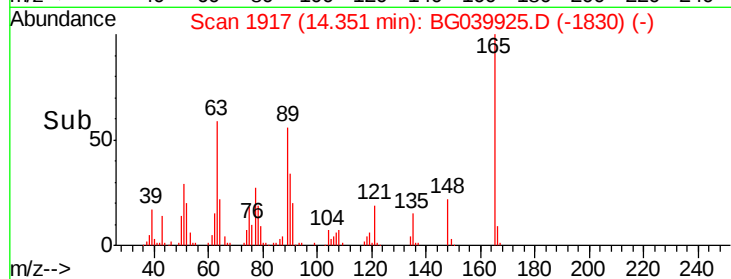
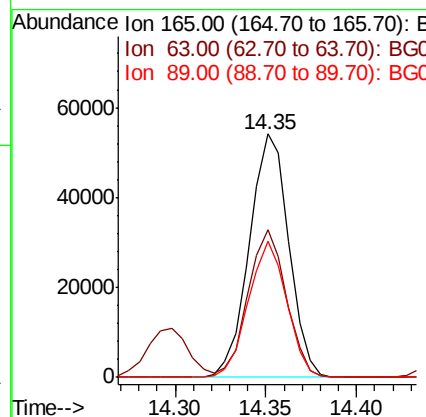
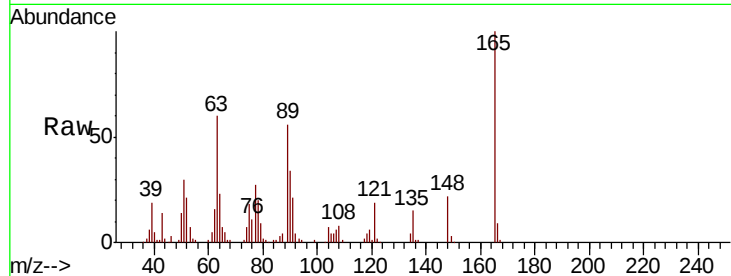
#51
2,6-Dinitrotoluene
Concen: 42.695 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	47.0	70.6
89	56.0	45.8	68.8

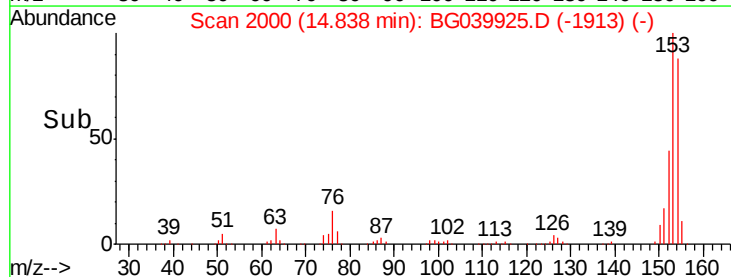
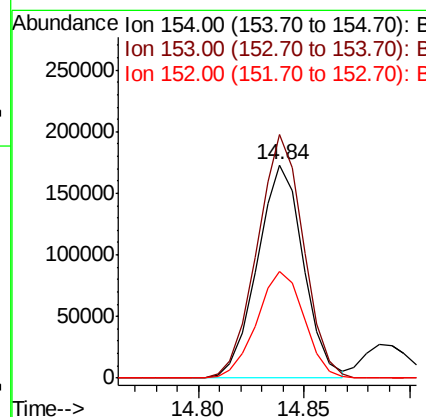
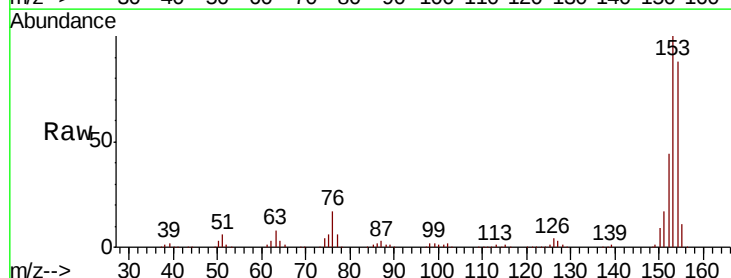
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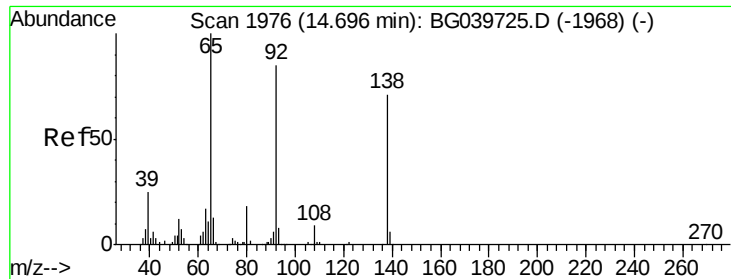
Sohil
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#52
Acenaphthene
Concen: 39.702 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.1	135.1
152	50.2	40.9	61.3





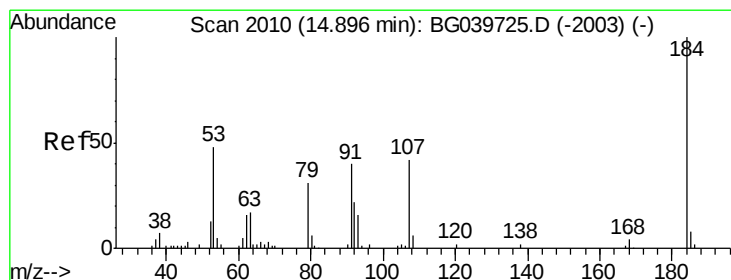
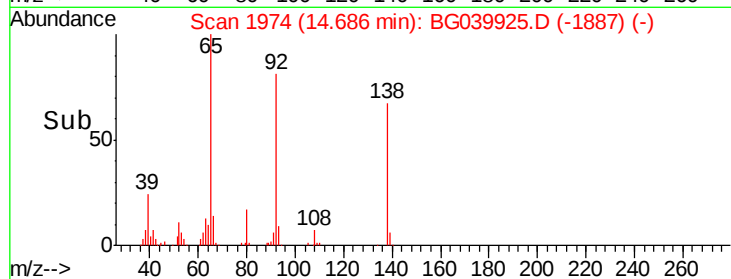
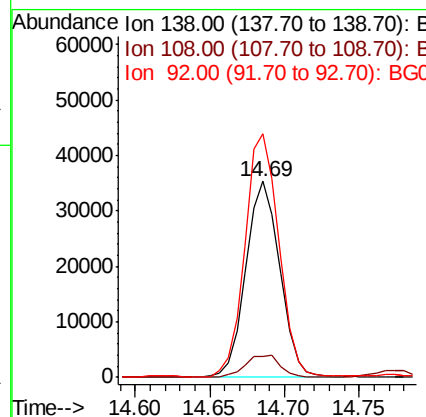
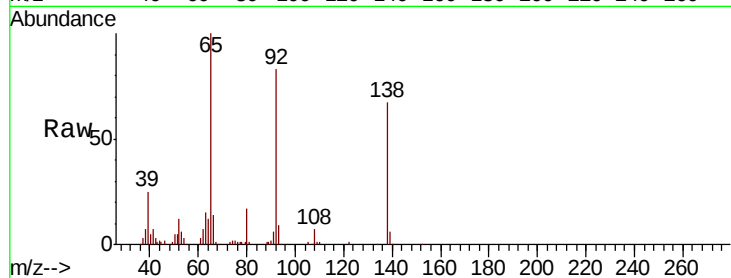
#53
3-Nitroaniline
Concen: 28.892 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion:138 Resp: 55637
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 124.4 103.7 155.5

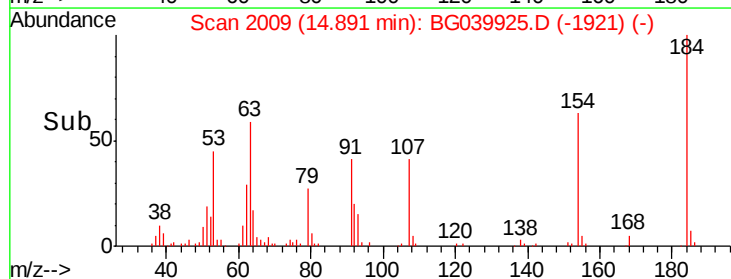
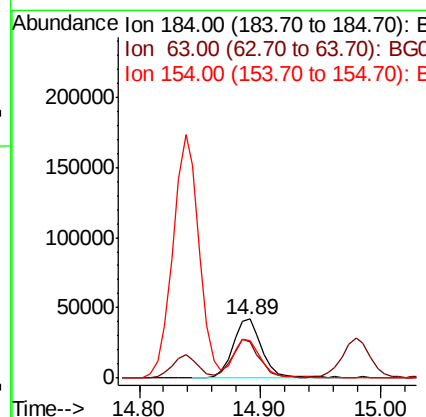
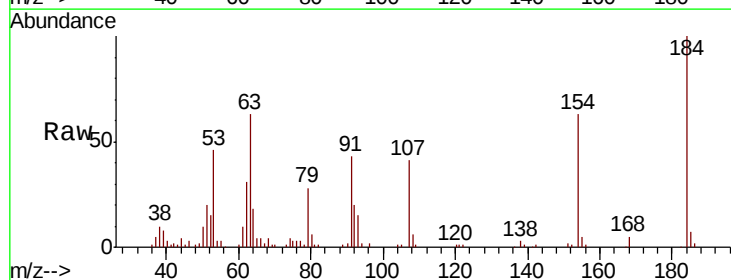
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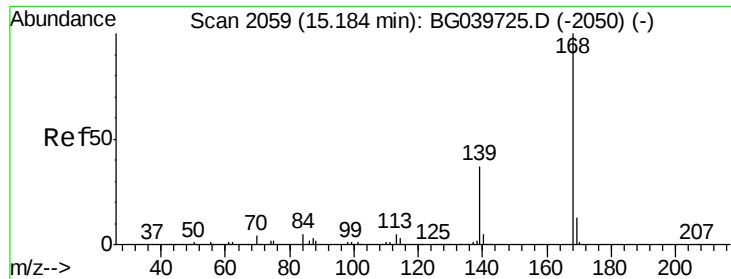
Sohil
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#54
2,4-Dinitrophenol
Concen: 60.411 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion:184 Resp: 71320
Ion Ratio Lower Upper
184 100
63 62.5 50.9 76.3
154 63.2 53.0 79.6





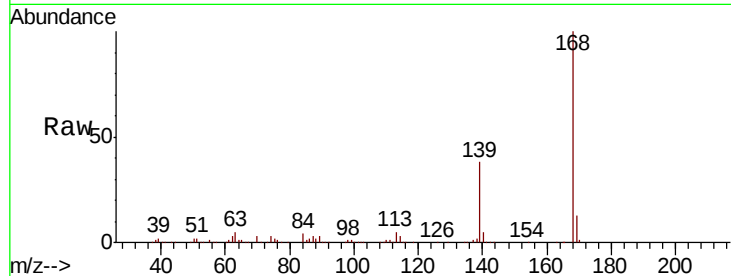
#55
Dibenzenofuran
Concen: 40.264 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.5	10.6	16.0

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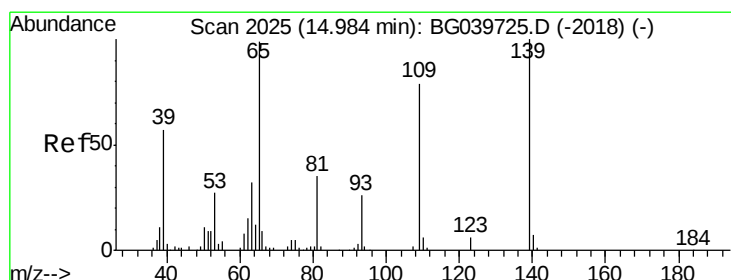
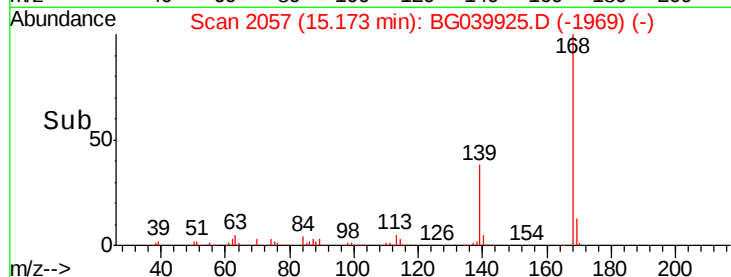
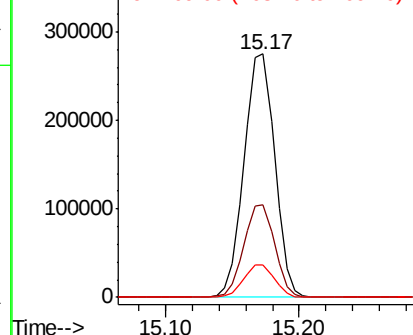


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.294 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

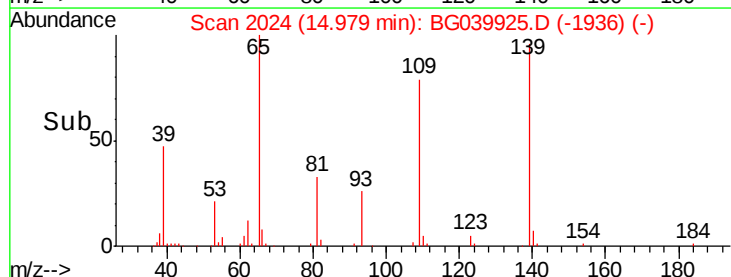
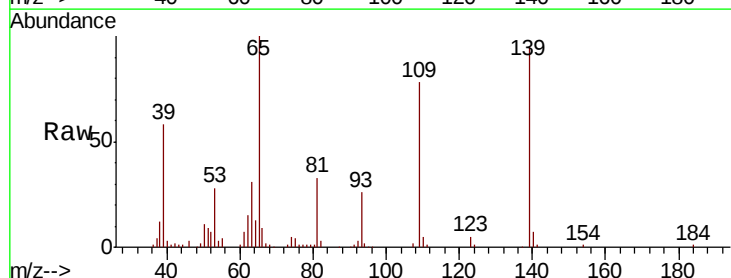
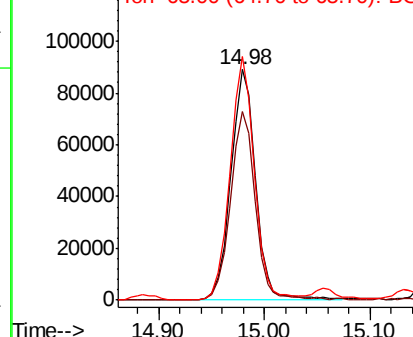
Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.9	61.9	101.9
65	105.6	99.1	139.1

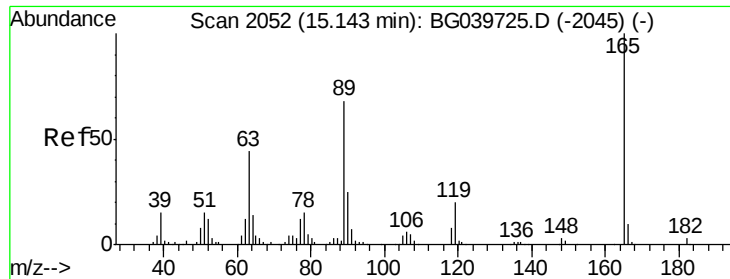
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





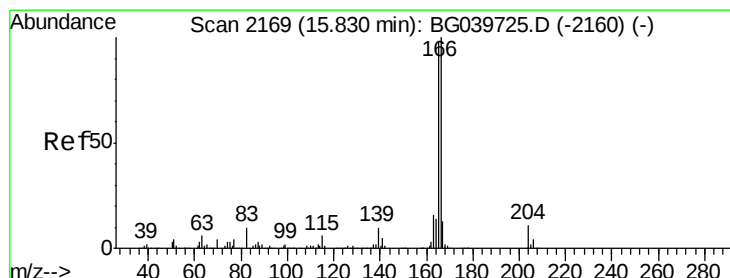
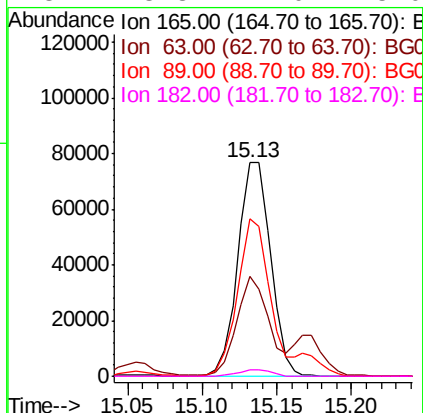
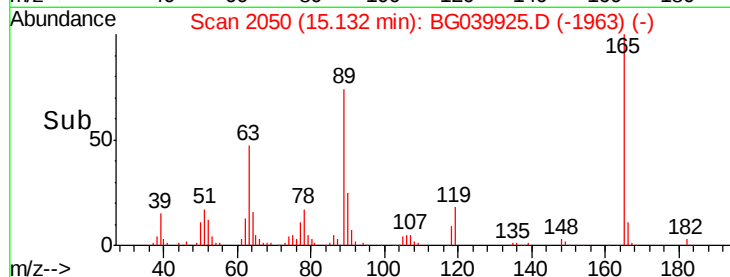
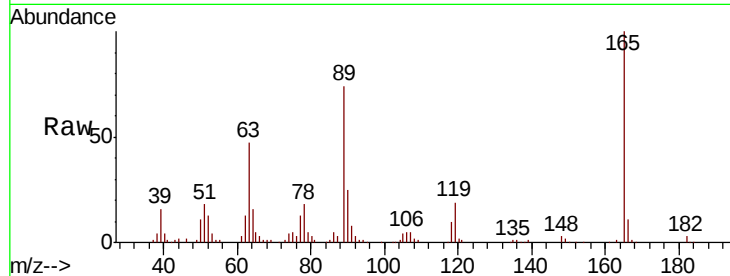
#57
2,4-Dinitrotoluene
Concen: 43.556 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	46.5		41.0	61.6	
89	73.6		64.6	96.8	
182	3.3		2.0	3.0	

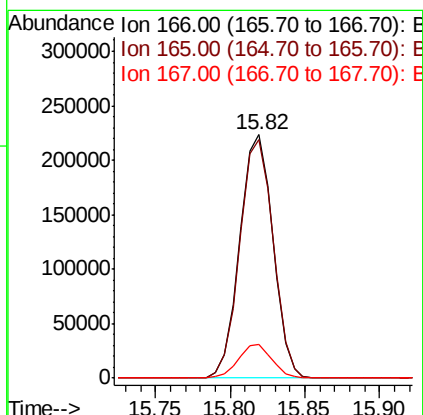
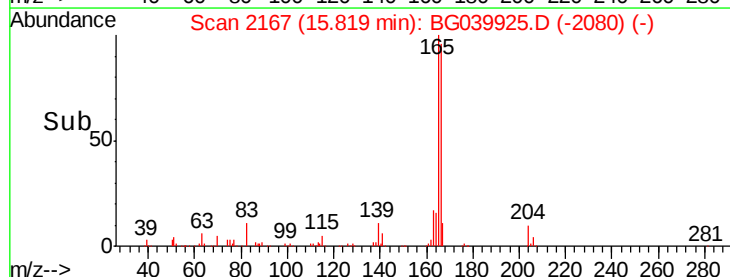
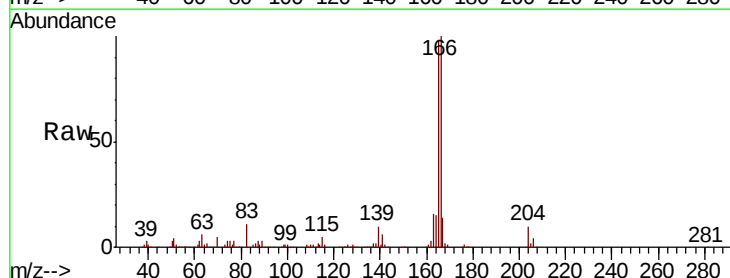
Manual Integrations
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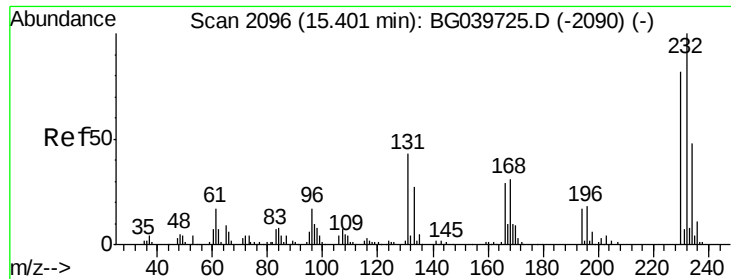
Sohil
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#58
Fluorene
Concen: 40.474 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.1		77.9	116.9	
167	13.7		10.8	16.2	





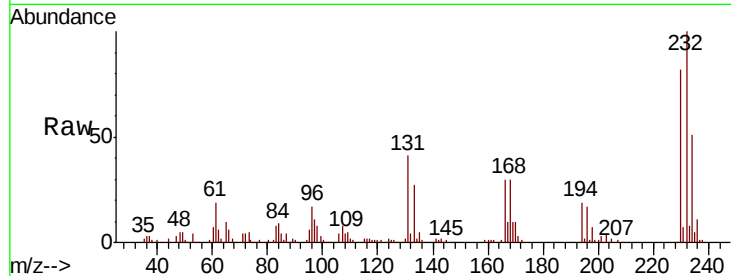
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.395 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	104751		
131	42.6		34.9	52.3
130	2.1		2.0	3.0
166	30.4		24.1	36.1

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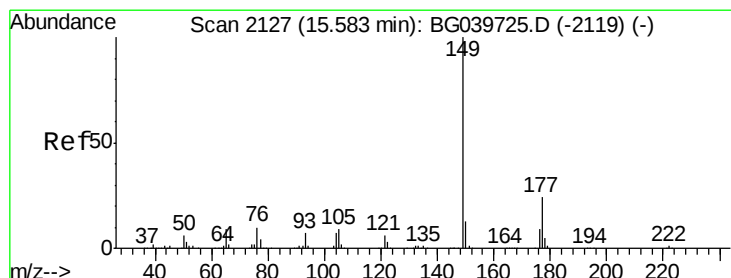
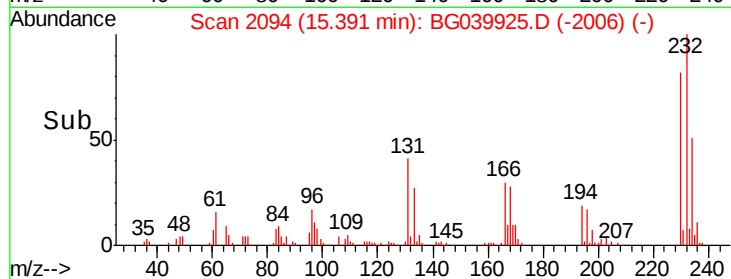
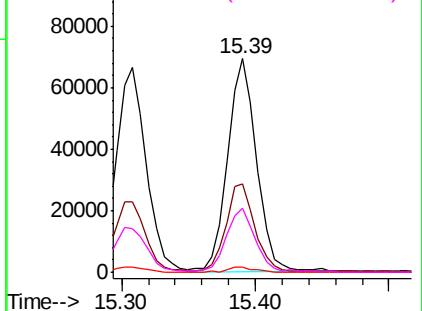
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

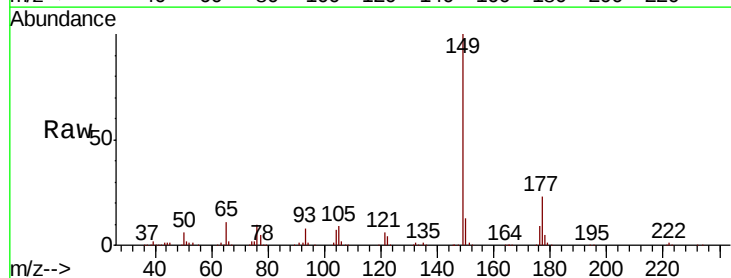
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.974 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	375482		
177	23.5		18.3	27.5
150	13.3		10.2	15.2

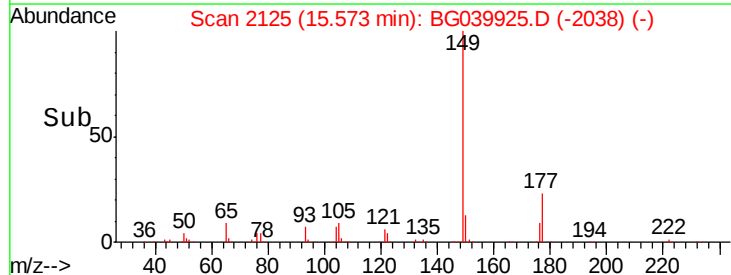
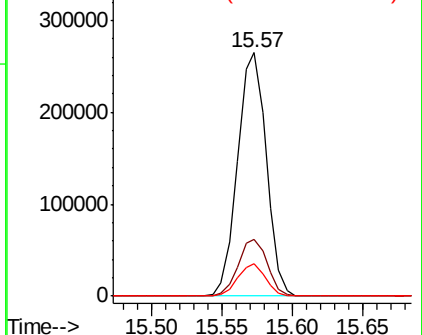


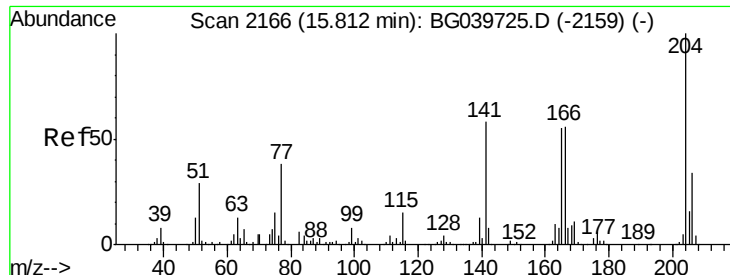
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





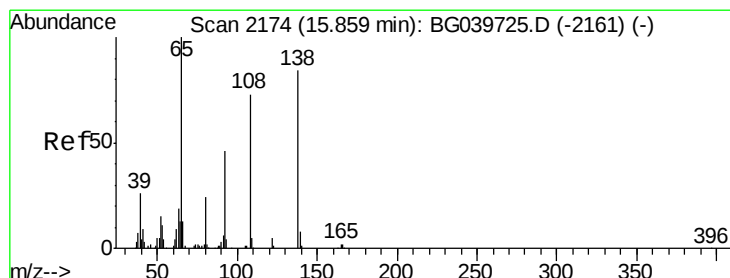
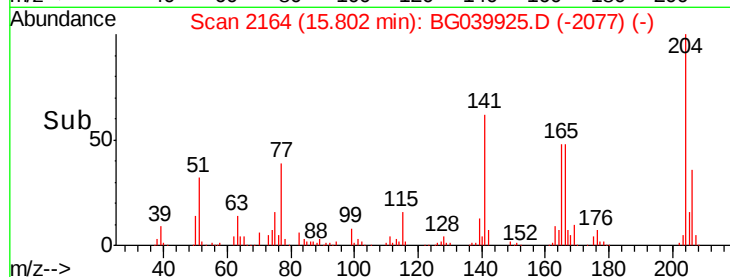
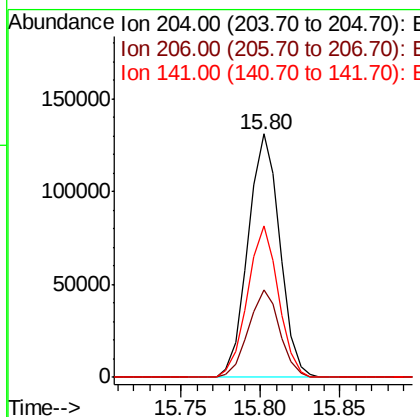
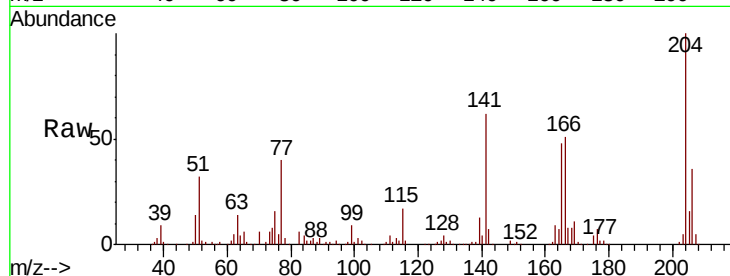
#61
 4-Chlorophenyl-phenylether
 Concen: 40.090 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	62.1	49.0	73.4

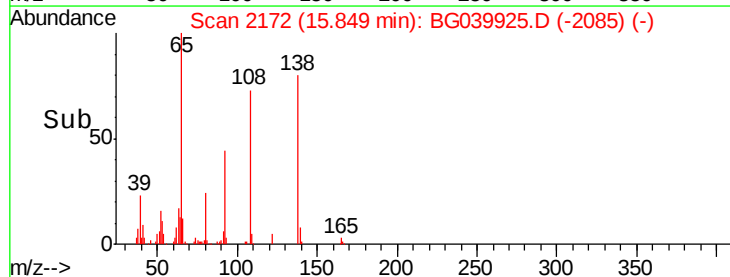
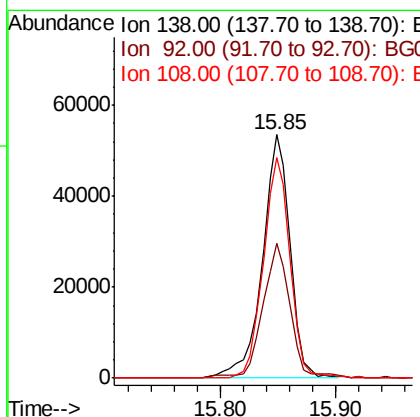
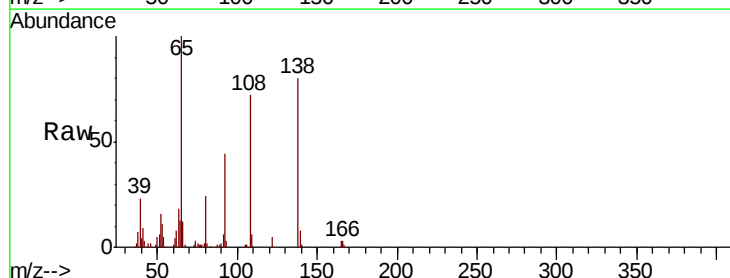
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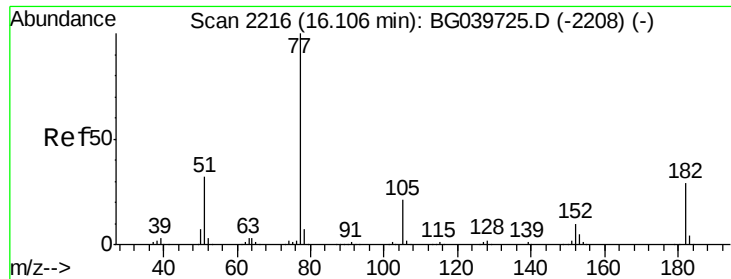
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#62
 4-Nitroaniline
 Concen: 42.706 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	38.7	78.7
108	90.5	74.6	114.6





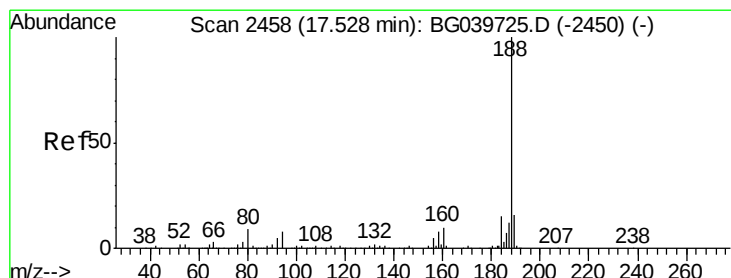
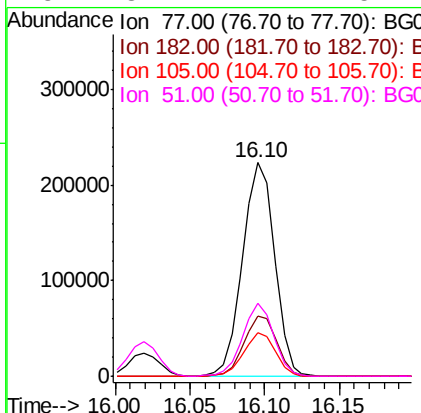
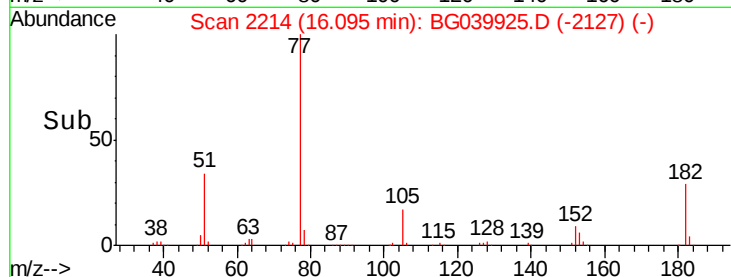
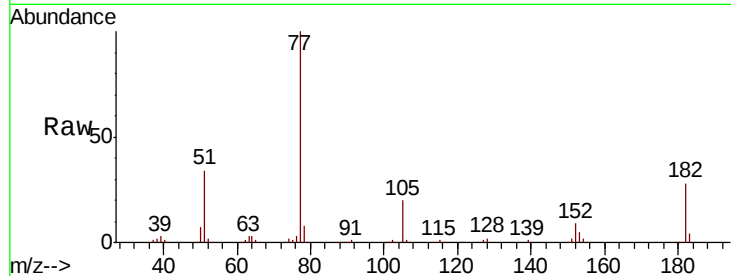
#63
Azobenzene
Concen: 40.890 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	77	Resp	331579
Ion	Ratio	Lower	Upper
77	100		
182	28.0	6.4	46.4
105	20.3	0.0	39.8
51	34.2	14.1	54.1

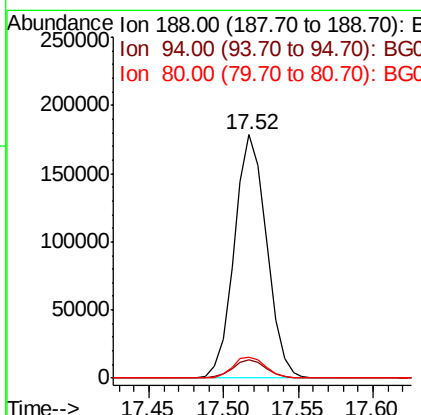
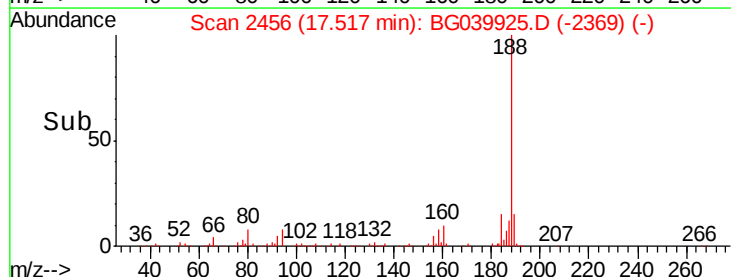
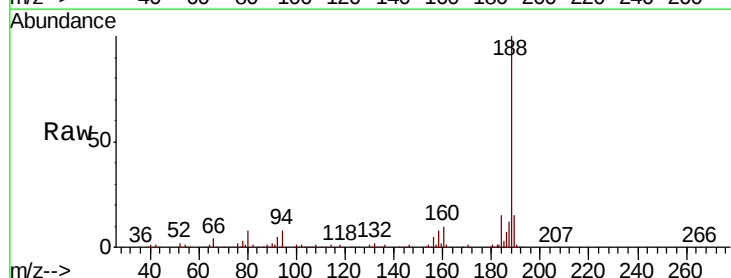
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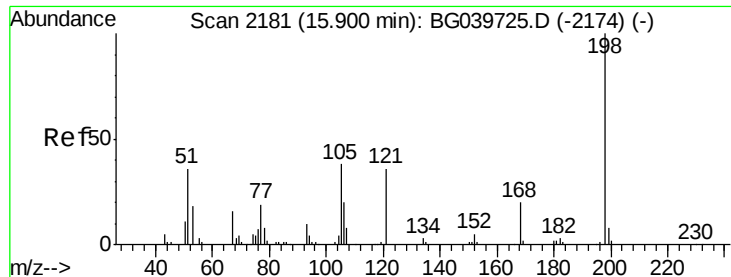
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	188	Resp	268009
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.3	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.325 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

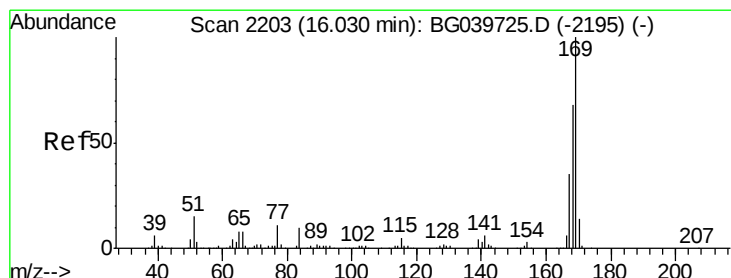
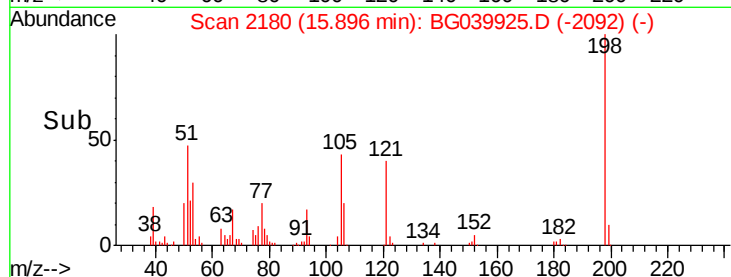
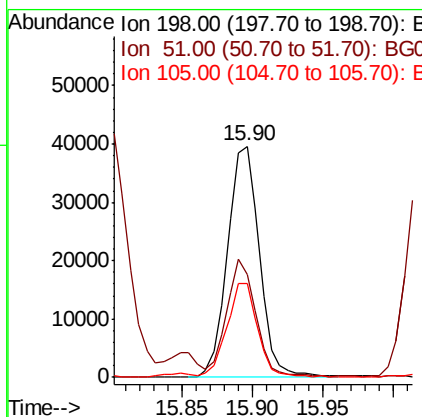
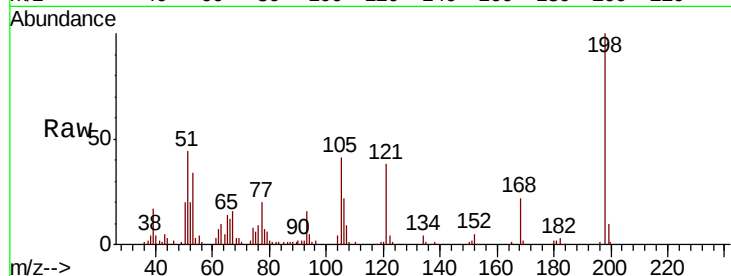
ClientSampleId :

PB117907BS

Tot Ion:	198	Resp:	62317
Ion Ratio	Lower	Upper	
198	100		
51	44.4	27.4	67.4
105	40.7	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 41.735 ng

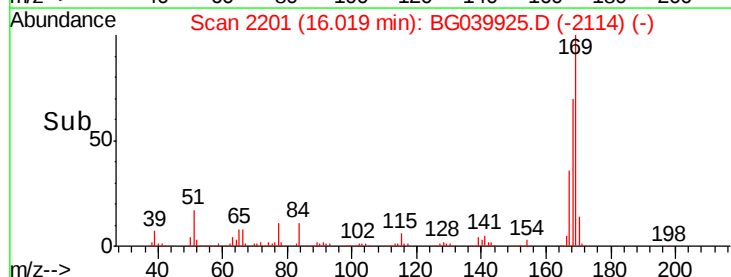
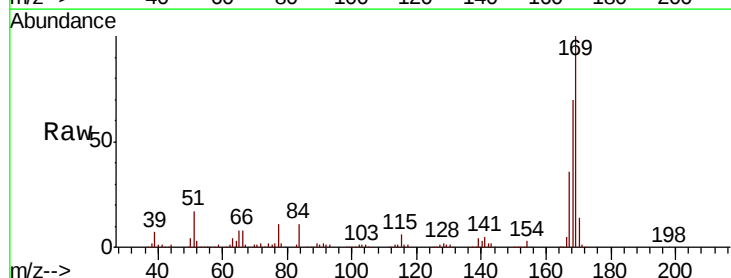
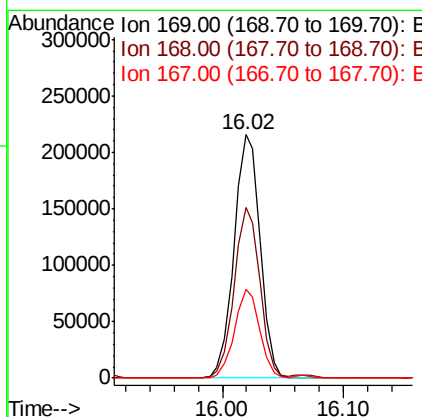
RT: 16.02 min Scan# 2201

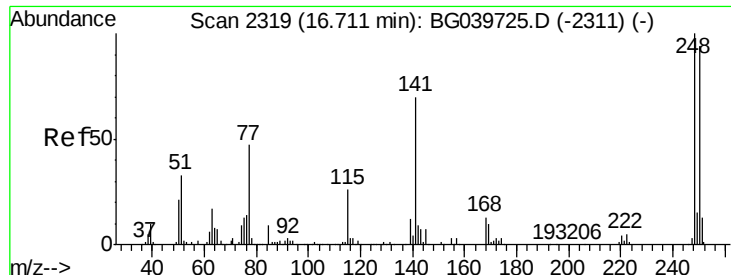
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	169	Resp:	323819
Ion Ratio	Lower	Upper	
169	100		
168	70.2	56.6	85.0
167	36.4	28.8	43.2





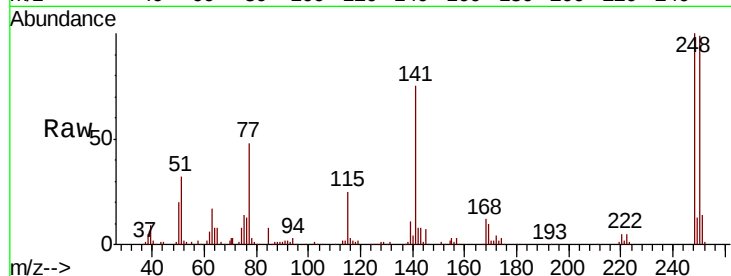
#67
4-Bromophenyl-phenylether
Concen: 40.205 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampled :
PB117907BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.6	116.4
141	75.2	63.9	95.9

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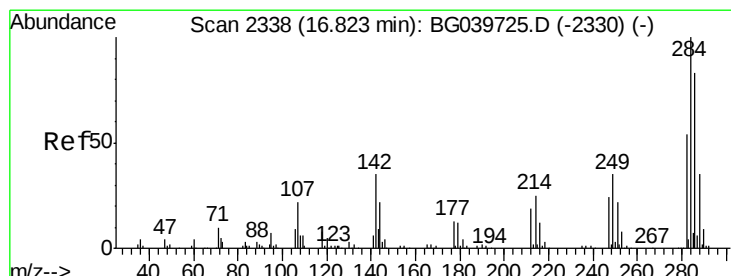
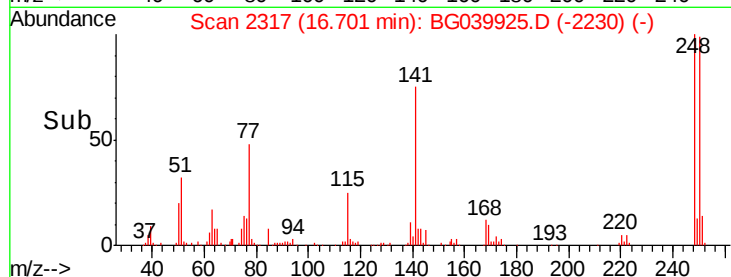
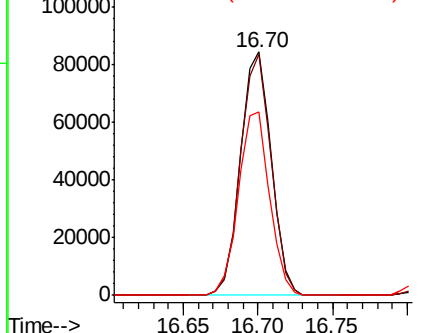


Abundance

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: 40.002 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

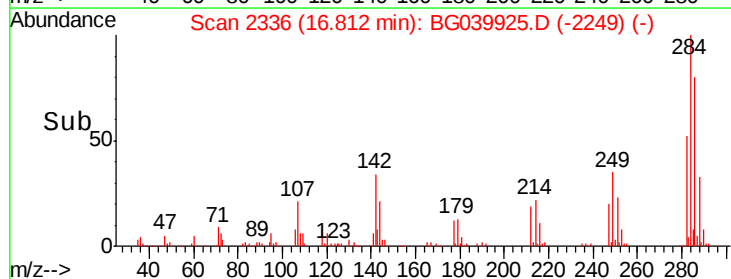
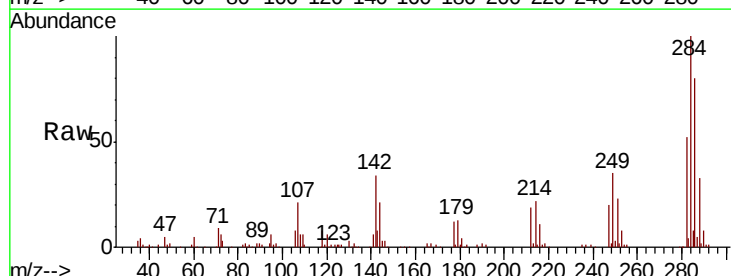
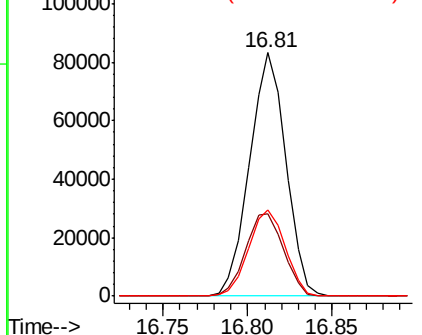
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	35.2	28.2	42.2

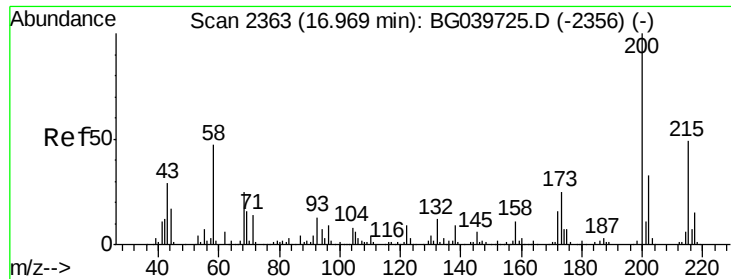
Abundance

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





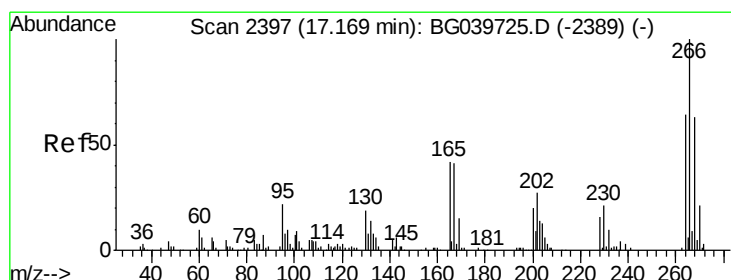
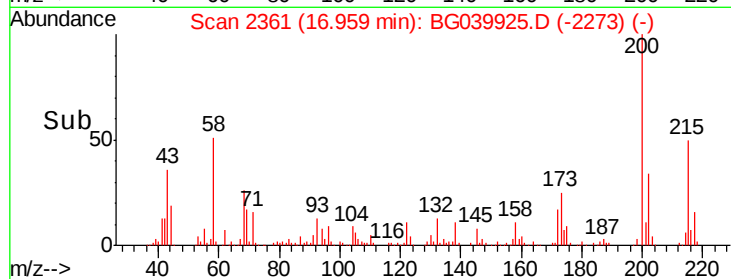
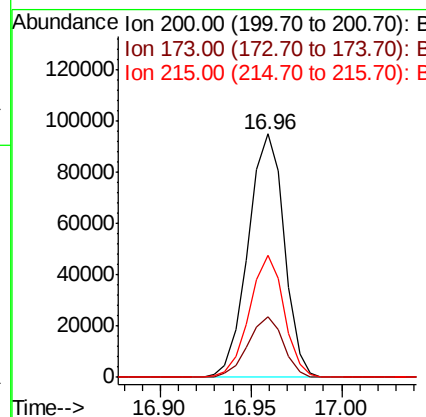
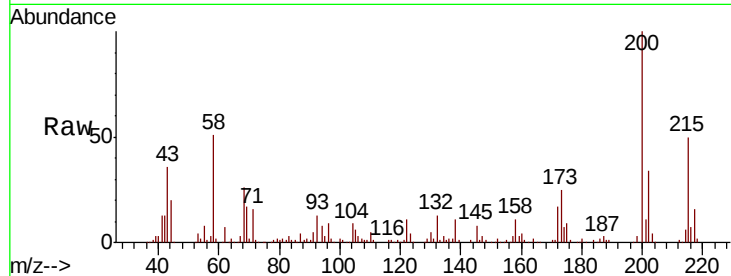
#69
 Atrazine
 Concen: 43.109 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	3.9	43.9
215	50.1	30.9	70.9

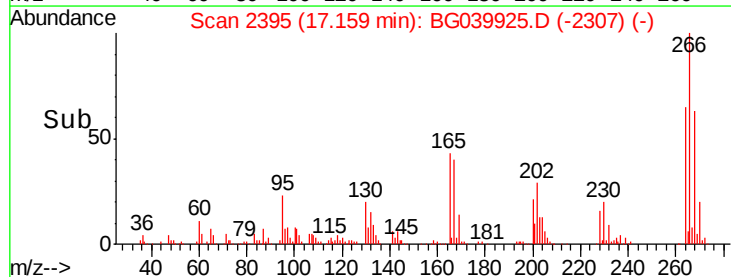
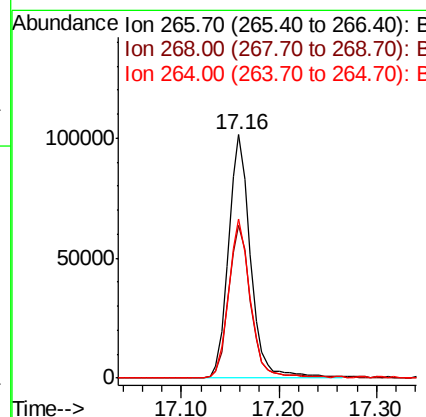
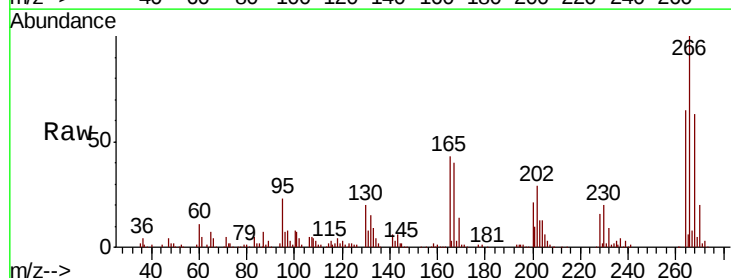
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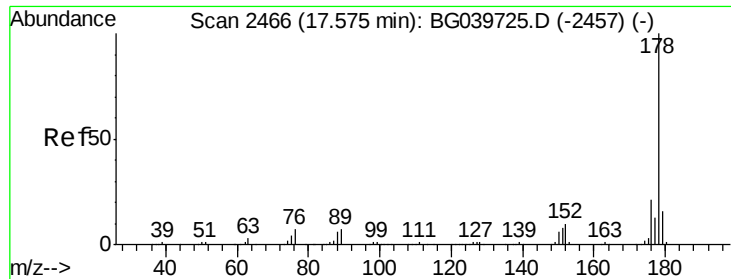
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#70
 Pentachlorophenol
 Concen: 80.963 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	65.2	52.1	78.1





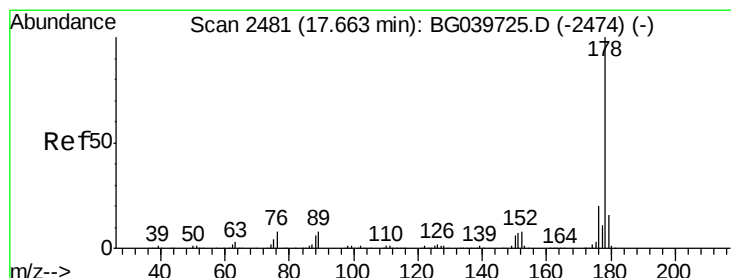
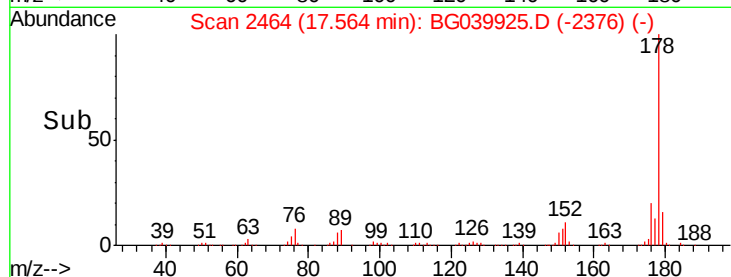
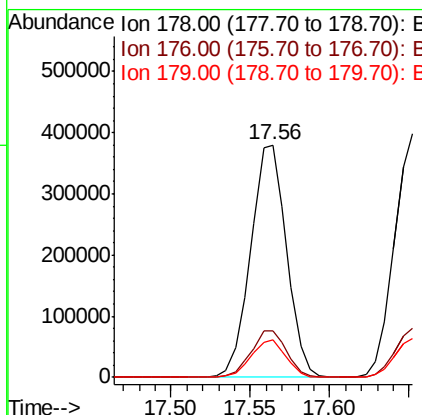
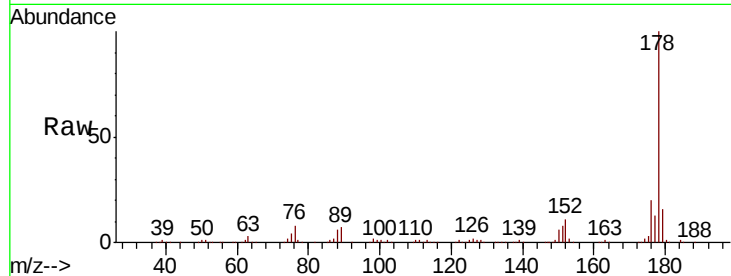
#71
Phenanthrene
Concen: 40.423 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.1	12.6	19.0

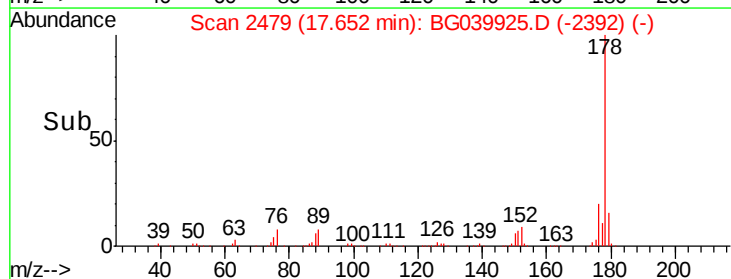
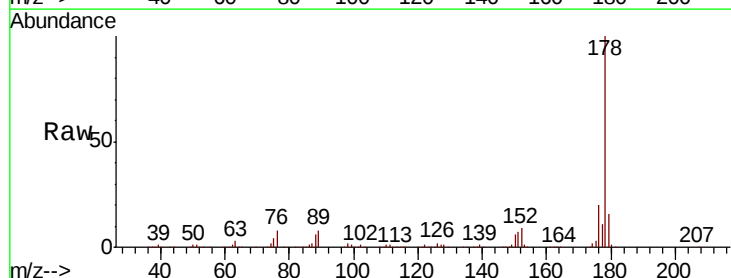
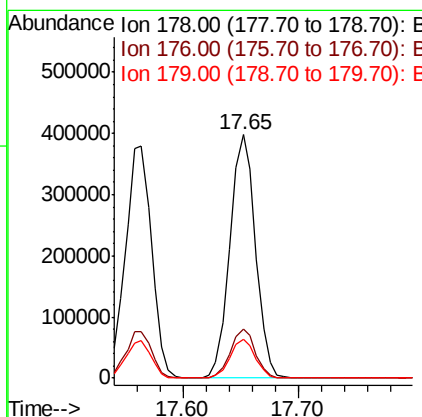
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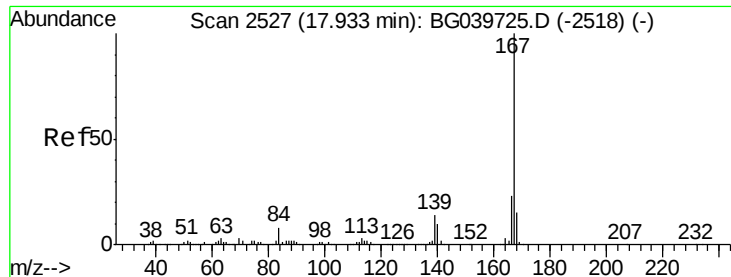
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#72
Anthracene
Concen: 42.269 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	16.1	12.5	18.7





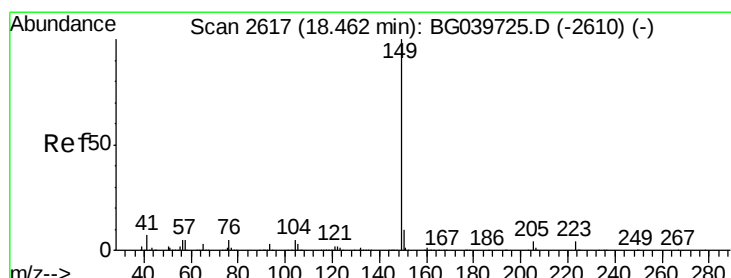
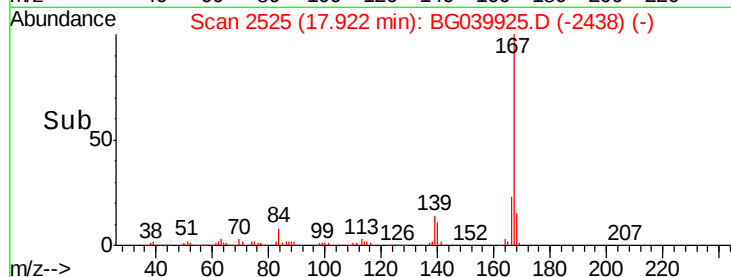
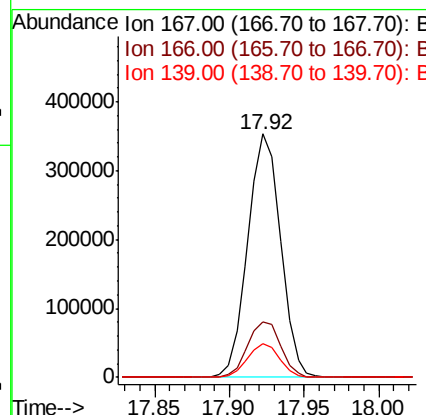
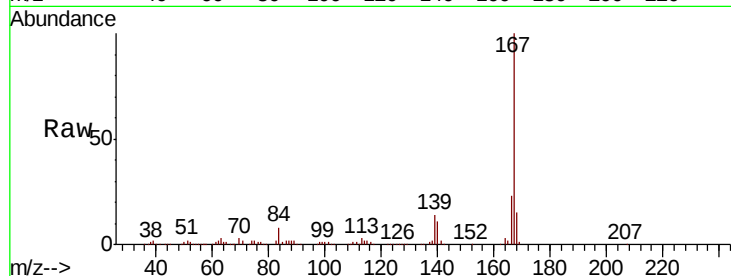
#73
 Carbazole
 Concen: 41.444 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.4	29.2
139	13.7	10.8	16.2

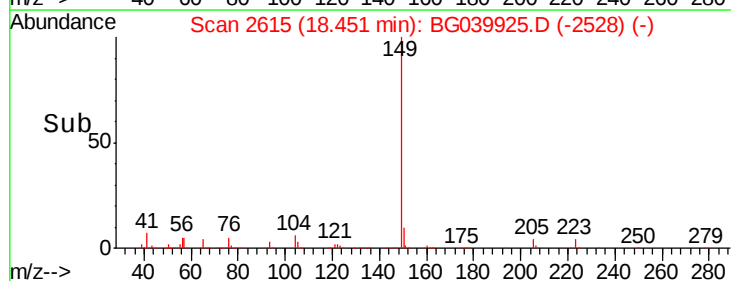
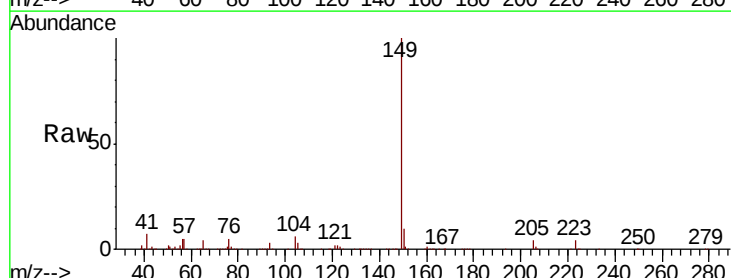
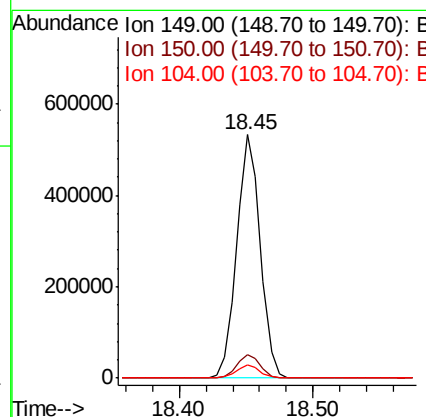
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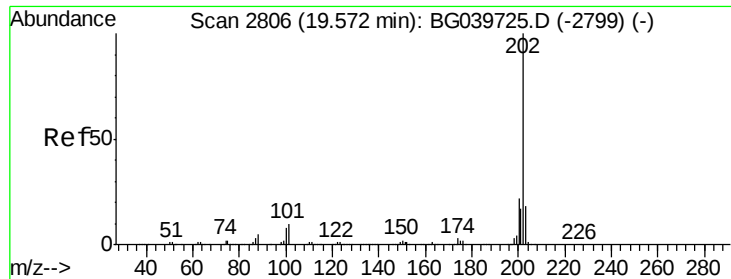
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#74
 Di-n-butylphthalate
 Concen: 42.914 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039925.D
 Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 41.754 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

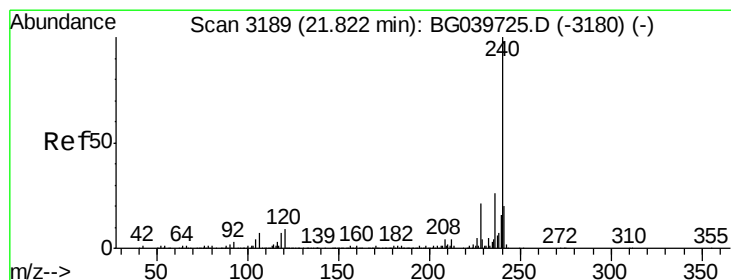
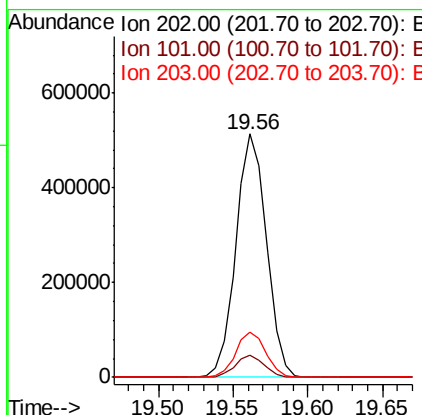
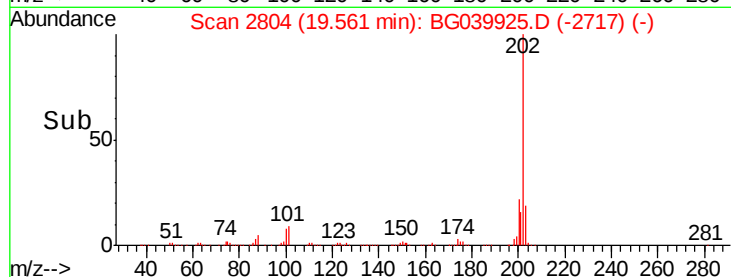
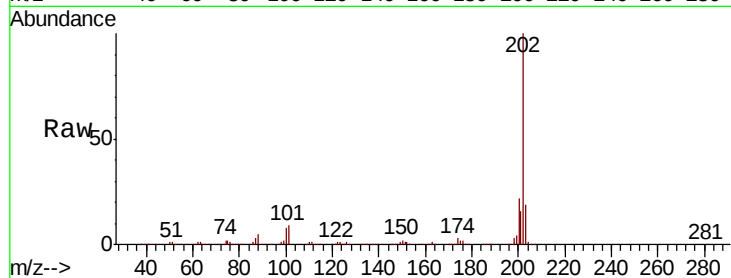
ClientSampleId :

PB117907BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		728455		
101	8.8	0.0	30.0		
203	18.8	0.0	38.9		

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#76

Chrysene-d12

Concen: 20.000 ng

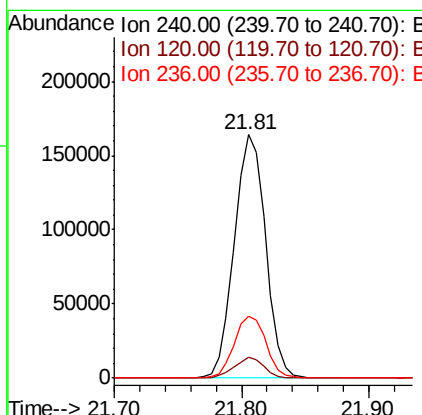
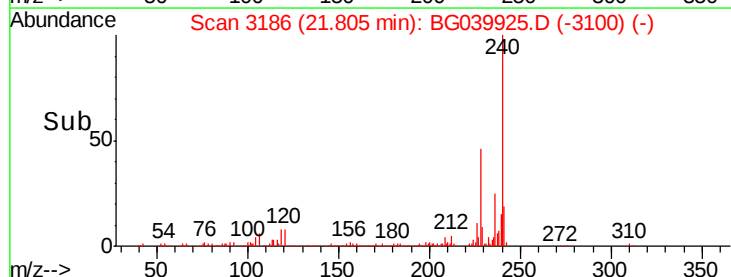
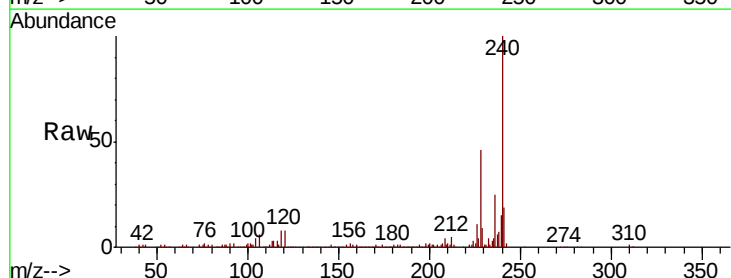
RT: 21.81 min Scan# 3186

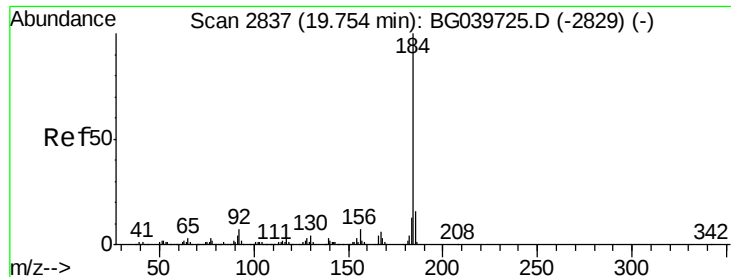
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		279951		
120	8.5	7.0	10.6		
236	25.3	21.0	31.4		





#77

Benzidine

Concen: 32.966 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

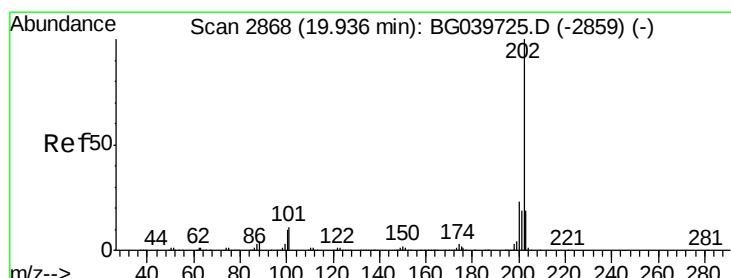
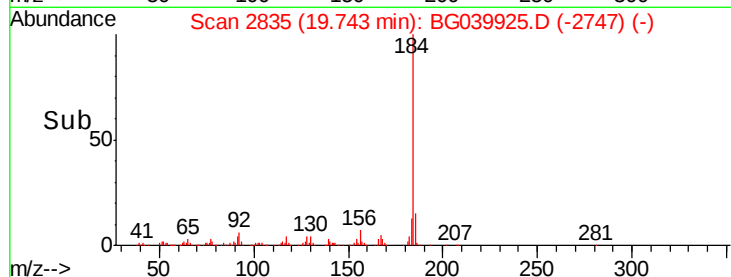
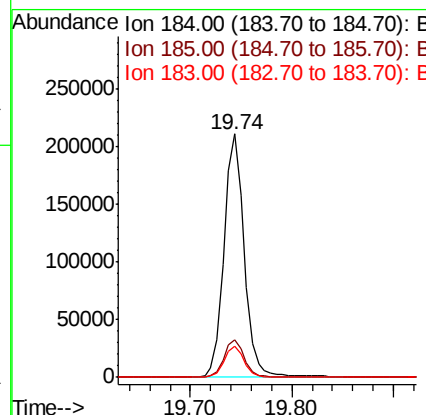
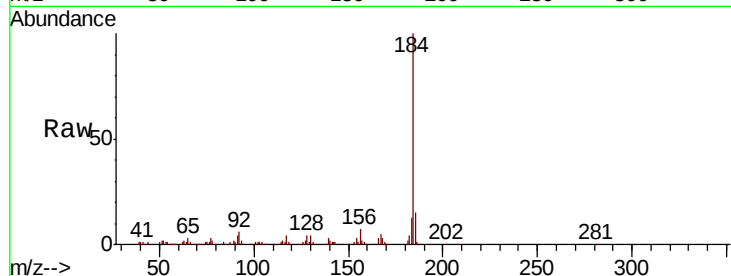
ClientSampleId :

PB117907BS

Tot Ion:	184	Resp:	292855
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	12.8	10.6	15.8

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#78

Pyrene

Concen: 40.409 ng

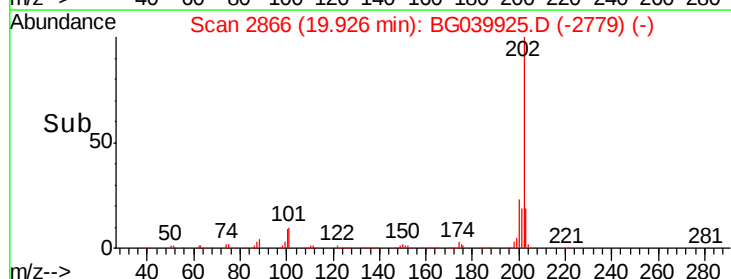
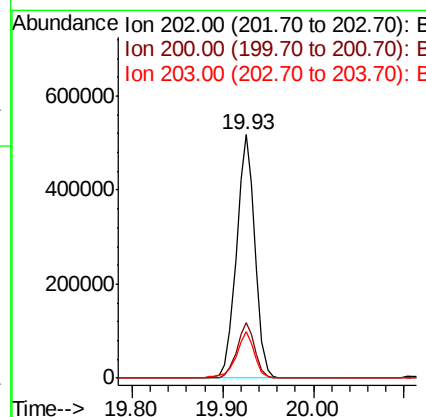
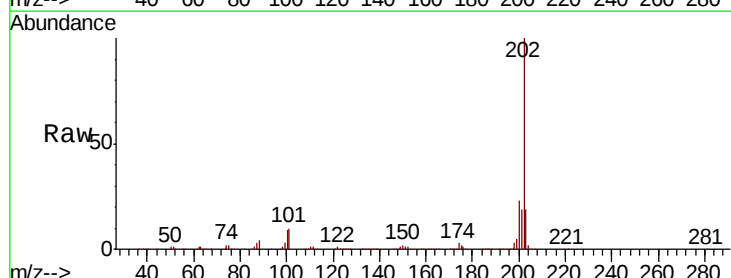
RT: 19.93 min Scan# 2866

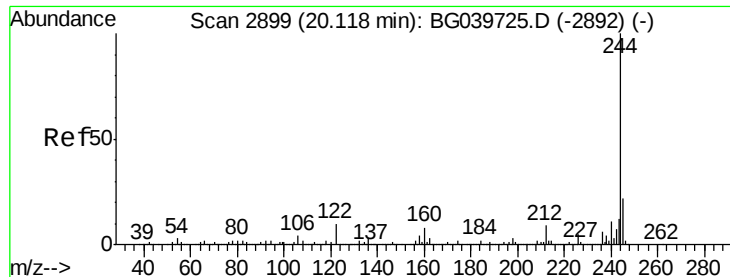
Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Tgt Ion:	202	Resp:	735096
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	19.0	15.3	22.9





#79

Terphenyl-d14

Concen: 77.842 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

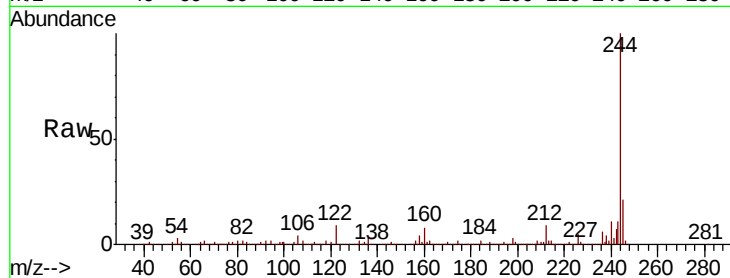
ClientSampleId :

PB117907BS

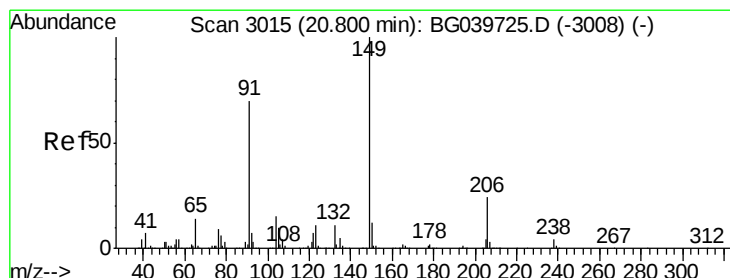
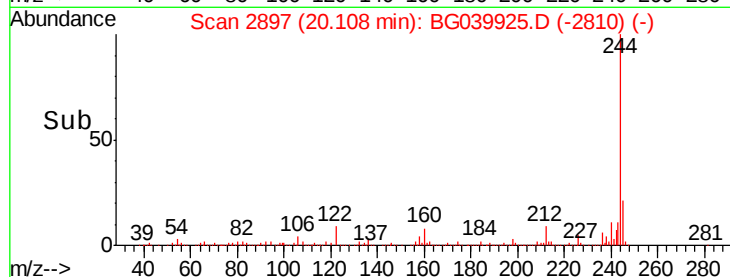
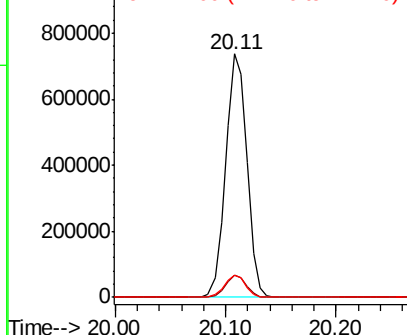
Tot Ion:	244	Resp:	989729
Ion Ratio		Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.2	8.4	12.6

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



#80

Butylbenzylphthalate

Concen: 43.941 ng

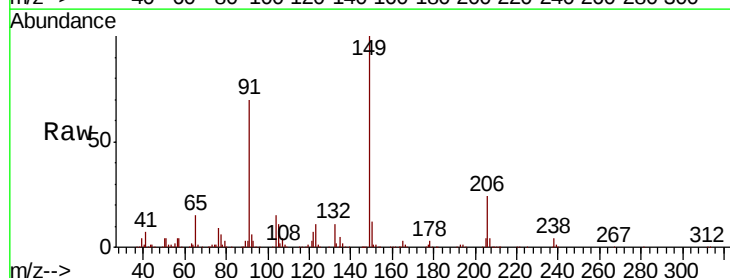
RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

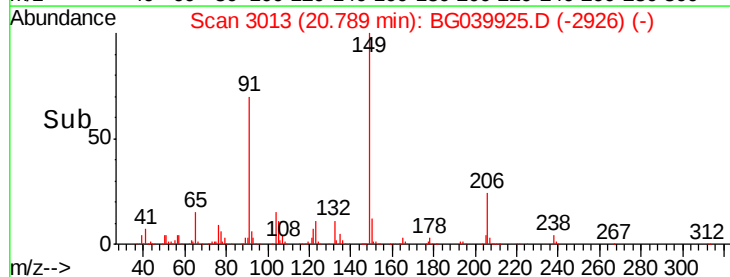
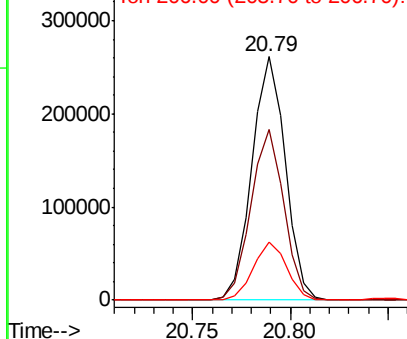
Lab File: BG039925.D

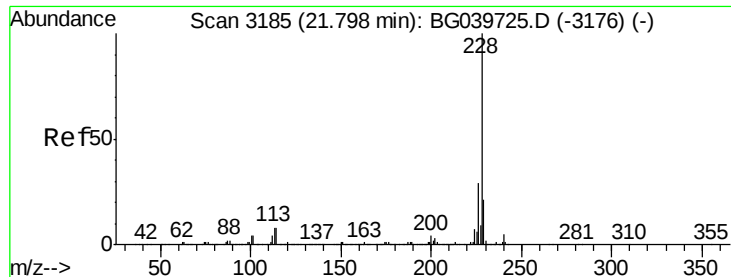
Acq: 14 Mar 2019 15:04

Tgt Ion:	149	Resp:	309689
Ion Ratio		Lower	Upper
149	100		
91	70.0	59.5	89.3
206	23.9	18.6	27.8



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





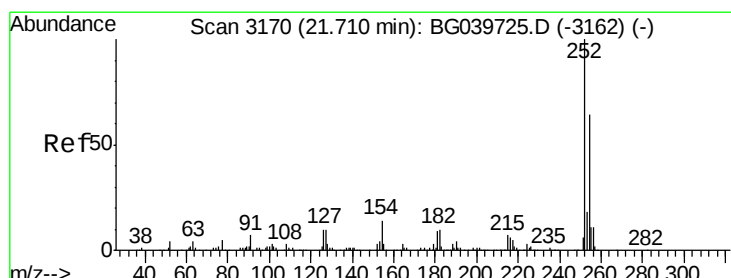
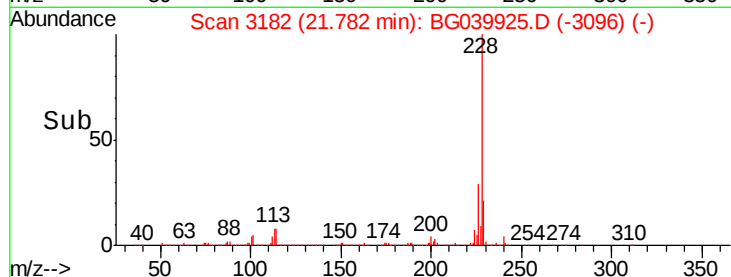
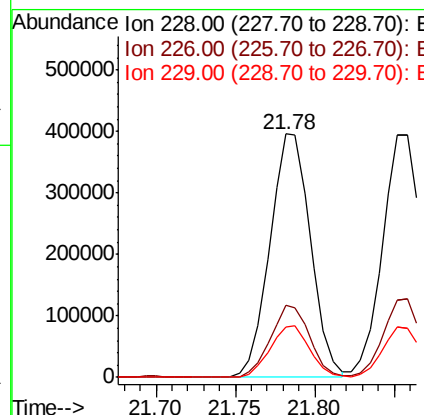
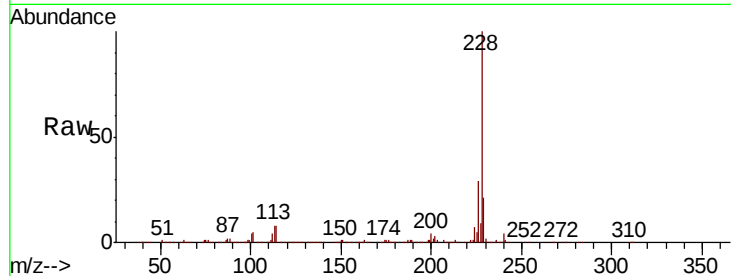
#81
Benzo(a)anthracene
Concen: 40.152 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	20.8	16.9	25.3

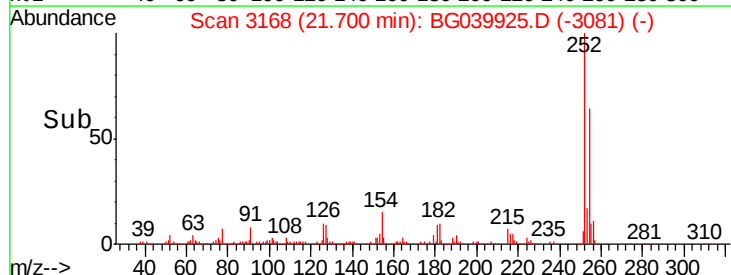
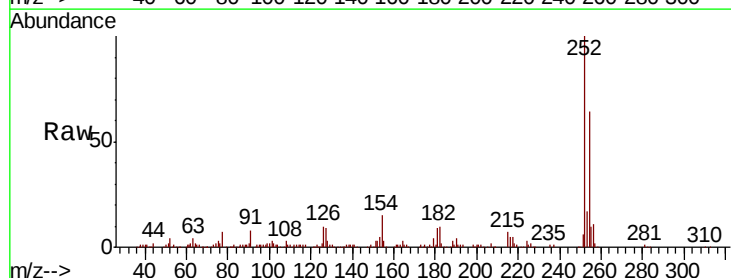
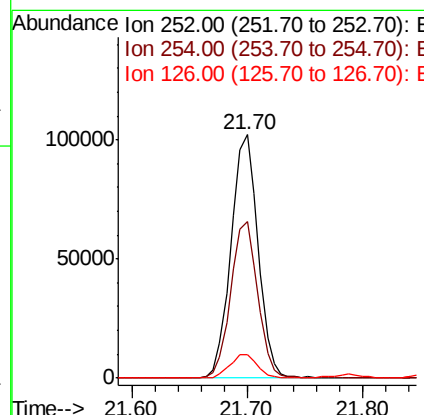
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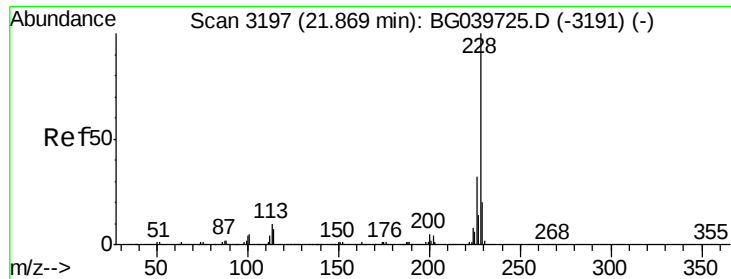
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#82
3,3'-Dichlorobenzidine
Concen: 25.960 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	9.7	8.0	12.0





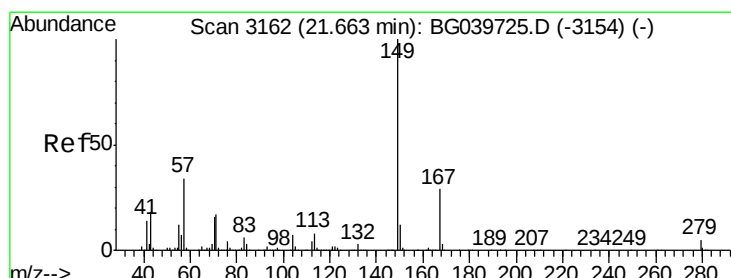
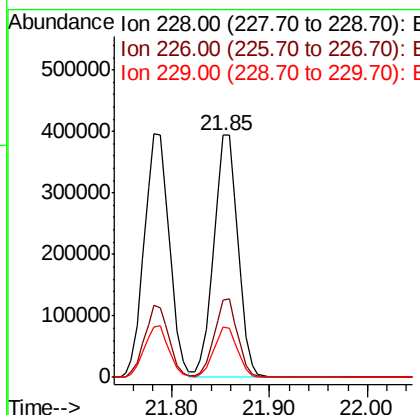
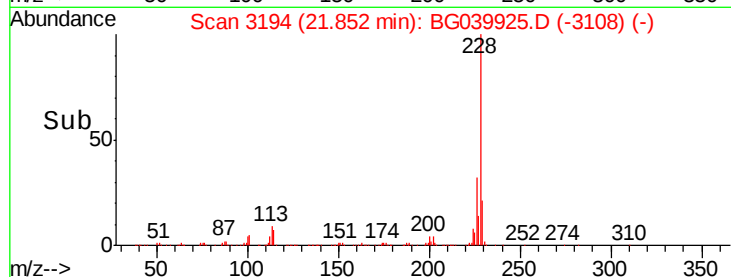
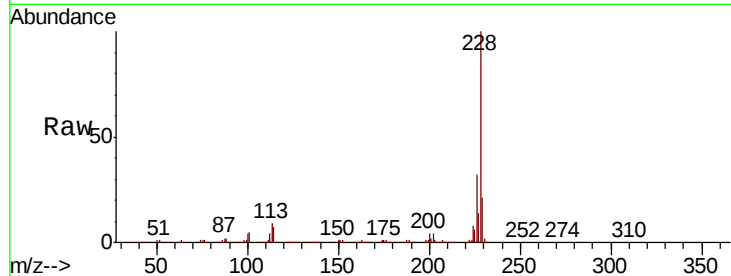
#83
Chrysene
Concen: 39.712 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.6
229	20.6	16.6	25.0

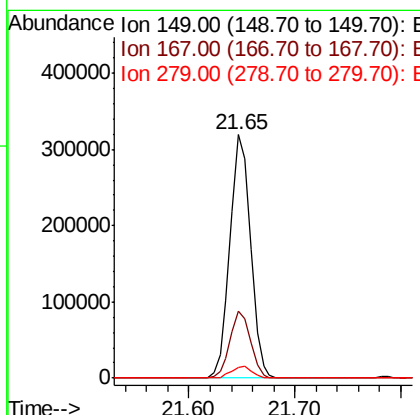
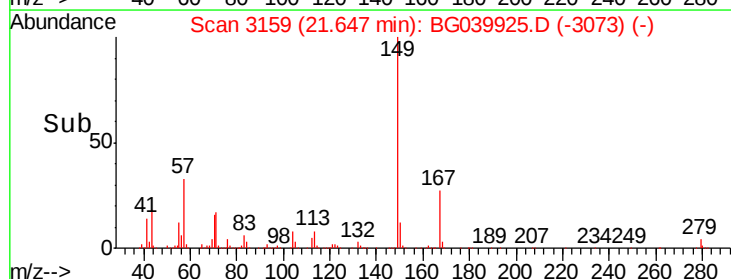
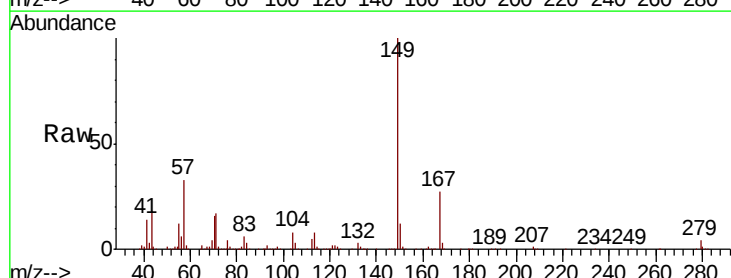
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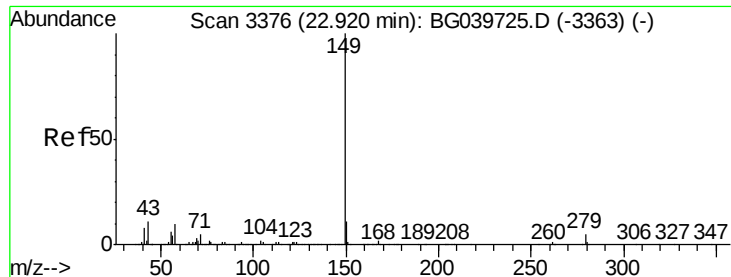
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.259 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	34.0
279	4.5	3.5	5.3





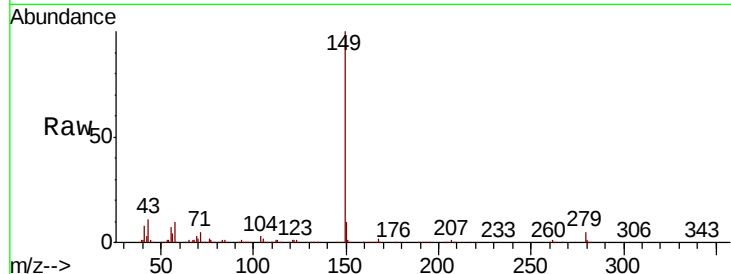
#85
Di-n-octyl phthalate
Concen: 44.550 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampled :
PB117907BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.0	10.2	15.4

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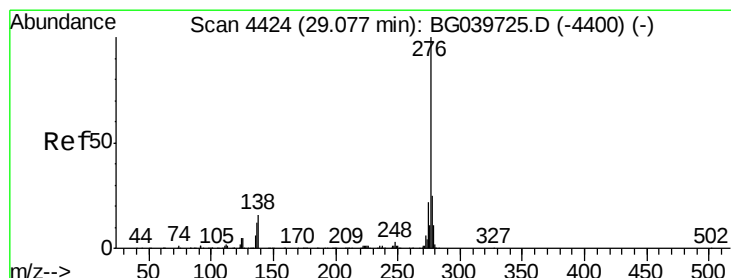
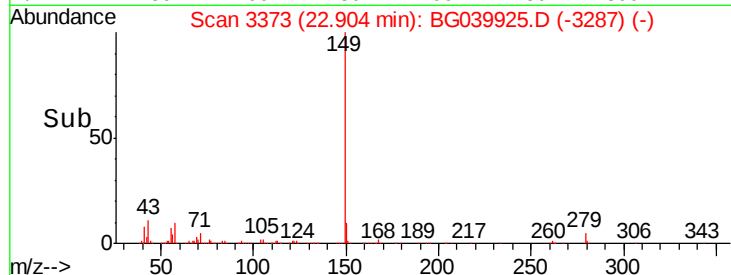
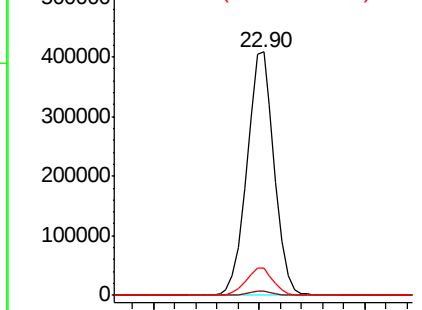


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.278 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

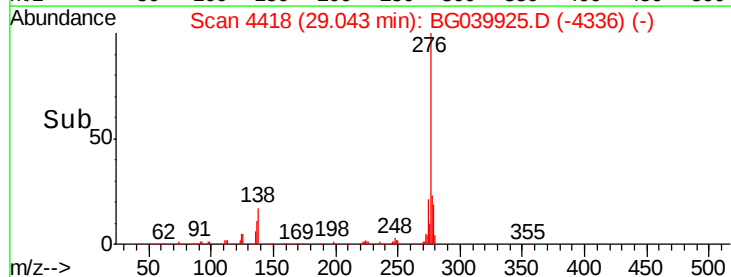
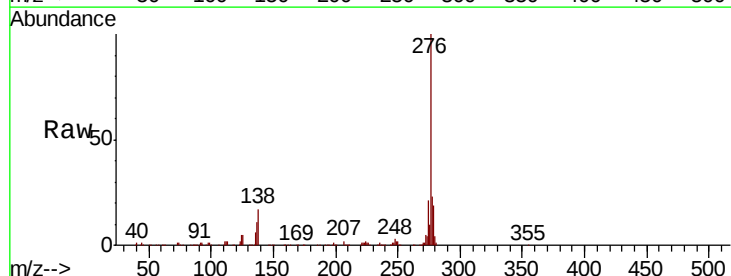
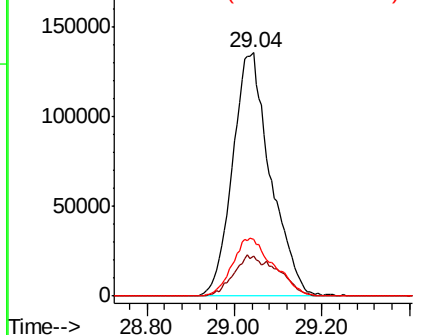
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	12.6	19.0#
277	25.8	20.8	31.2

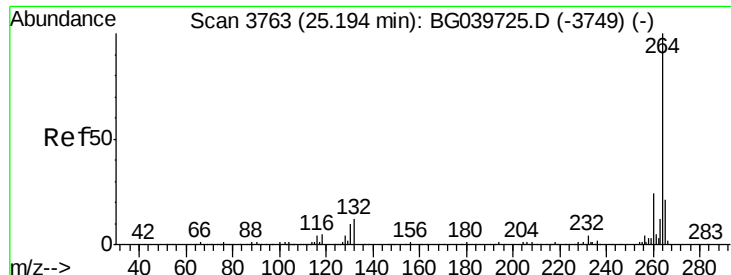
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039925.D

Acq: 14 Mar 2019 15:04

Instrument :

BNA_G

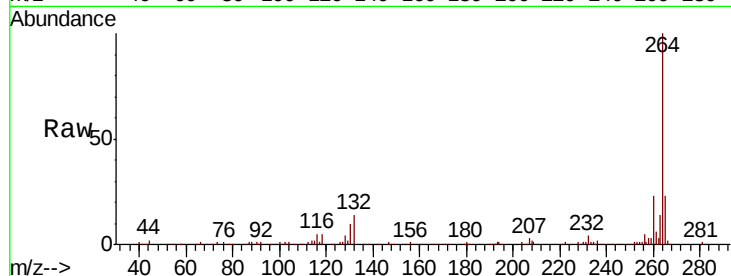
ClientSampleId :

PB117907BS

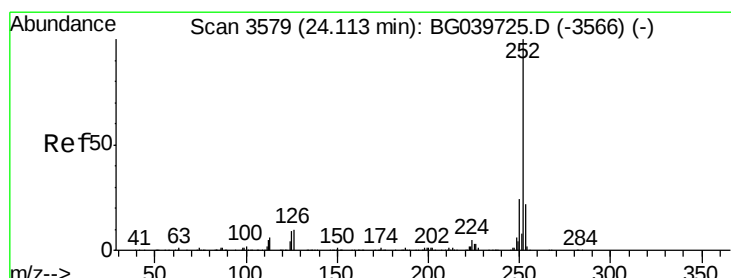
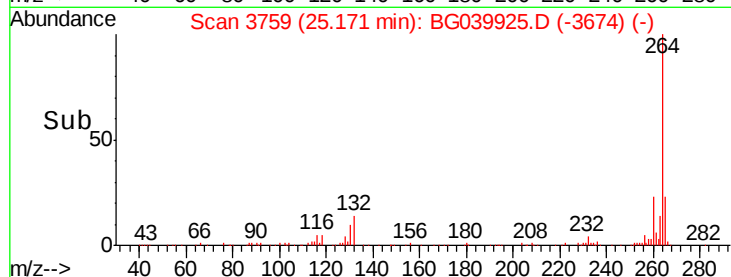
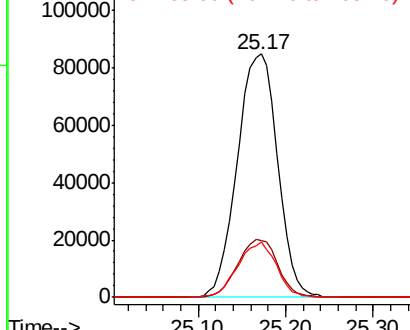
Tot Ion:	264	Resp:	265013
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	22.7	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 44.512 ng

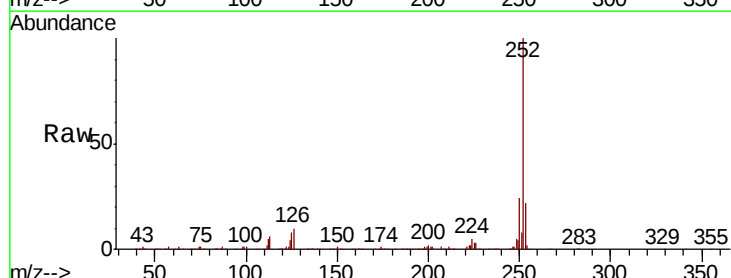
RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

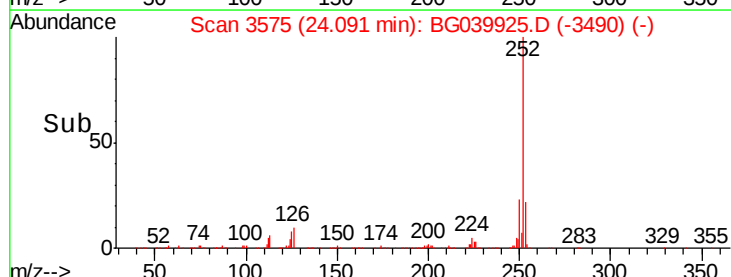
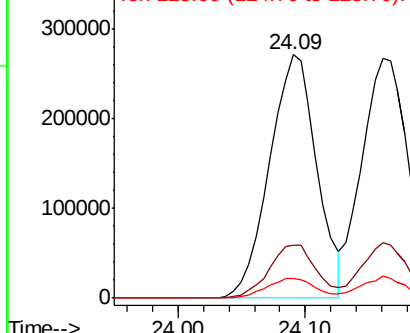
Lab File: BG039925.D

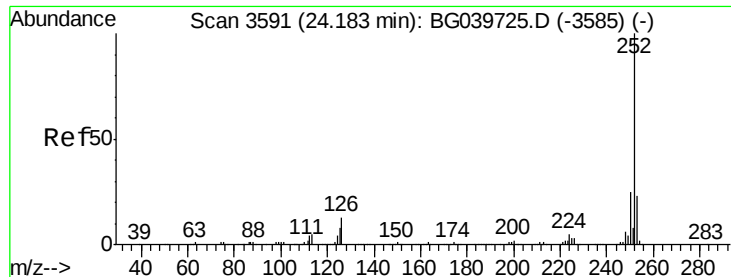
Acq: 14 Mar 2019 15:04

Tgt Ion:	252	Resp:	703431
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	8.3	7.8	11.6



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





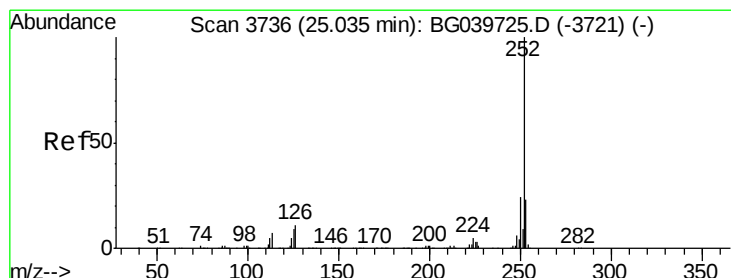
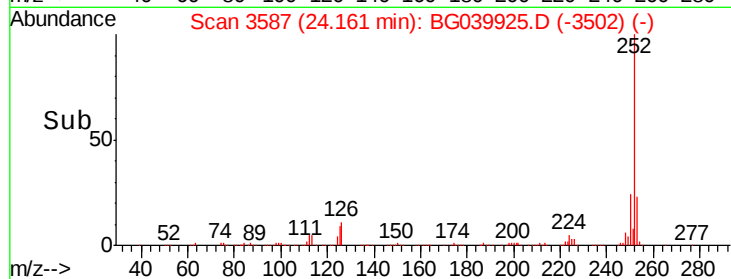
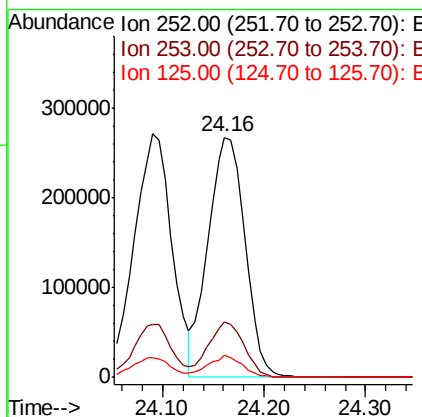
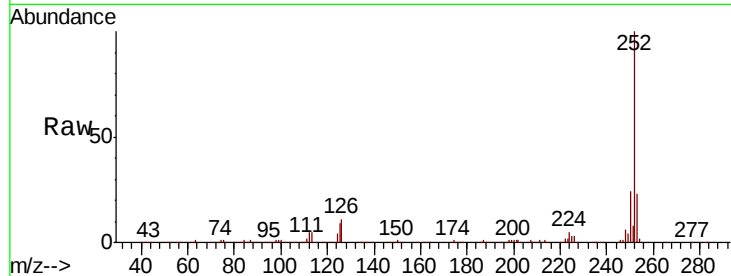
#89
Benzo(k)fluoranthene
Concen: 45.901 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.0	7.4	11.2

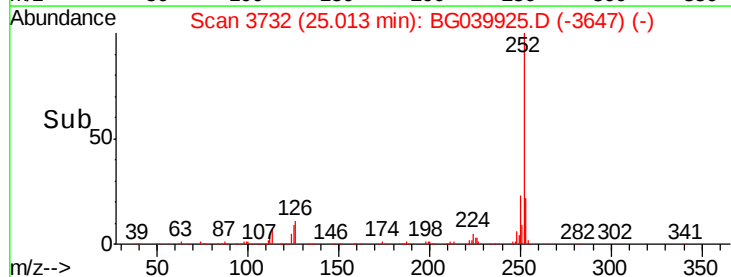
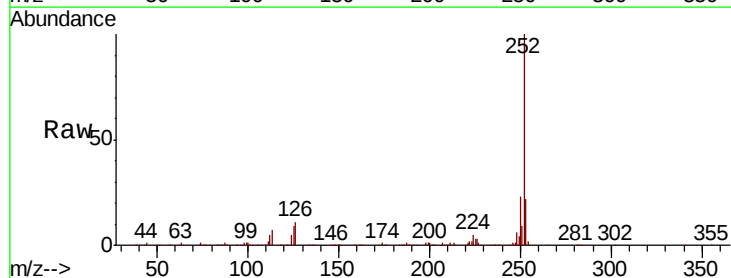
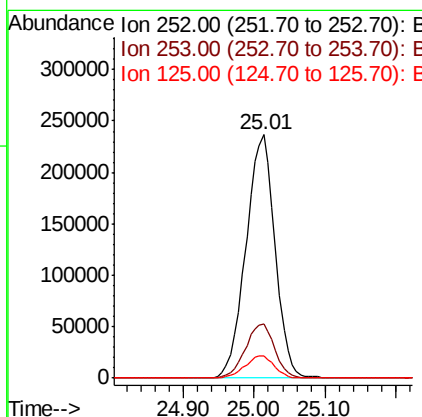
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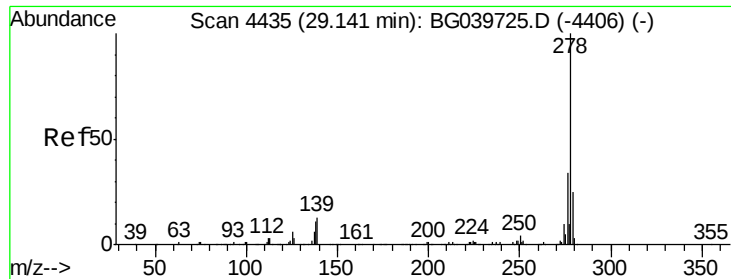
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#90
Benzo(a)pyrene
Concen: 46.495 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.9	8.3	12.5





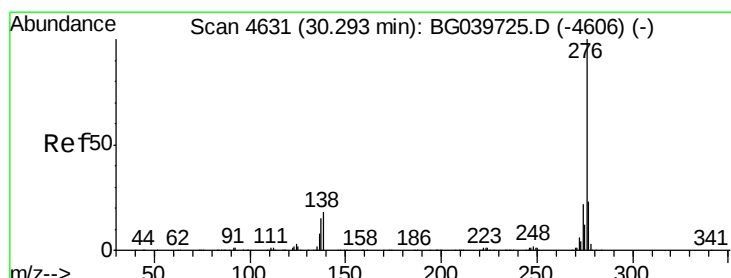
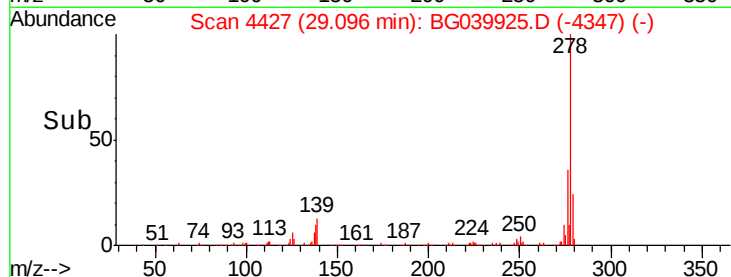
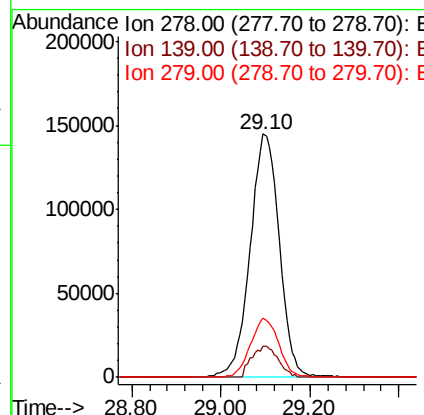
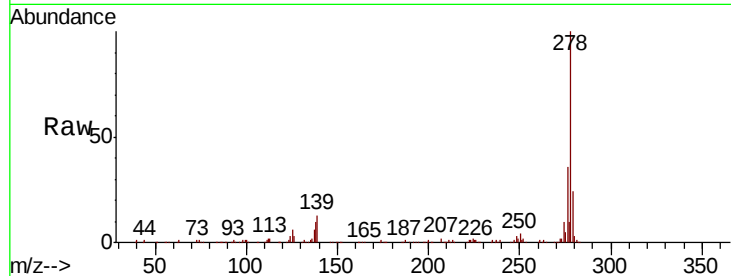
#91
Dibenzo(a,h)anthracene
Concen: 45.387 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Instrument :
BNA_G
ClientSampleId :
PB117907BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:26 AM



#92
Benzo(g,h,i)perylene
Concen: 45.819 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG039925.D
Acq: 14 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	16.1	14.7	22.1

