

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039943.D
 Acq On : 15 Mar 2019 16:10
 Operator : JU/SJ
 Sample : PB117964BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:02:41 PM

Quant Time: Mar 16 04:28:43 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	38833	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	169638	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109502	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	266459	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	280208	20.00	ng	-0.02
87) Perylene-d12	25.17	264	265211	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	322049	141.48	ng	-0.02
7) Phenol-d6	7.29	99	450953	132.87	ng	-0.02
23) Nitrobenzene-d5	9.33	82	252776	80.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	170574	133.64	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	600314	78.06	ng	-0.02
79) Terphenyl-d14	20.11	244	1006107	79.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	37947	36.110	ng	95
3) Pyridine	3.98	79	99497	35.366	ng	94
4) n-Nitrosodimethylamine	3.90	42	54401	40.760	ng	# 91
6) Aniline	7.47	93	124166	27.924	ng	99
8) 2-Chlorophenol	7.71	128	116950	42.350	ng	98
9) Benzaldehyde	7.29	77	49047	22.403	ng	96
10) Phenol	7.32	94	155445	42.277	ng	100
11) bis(2-Chloroethyl)ether	7.57	93	112713	39.318	ng	96
12) 1,3-Dichlorobenzene	8.04	146	123787	39.635	ng	94
13) 1,4-Dichlorobenzene	8.18	146	126045	39.621	ng	97
14) 1,2-Dichlorobenzene	8.51	146	121820	39.633	ng	99
15) Benzyl Alcohol	8.39	79	114125	42.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	233613	40.746	ng	100
17) 2-Methylphenol	8.58	107	104578	44.606	ng	93
18) Hexachloroethane	9.23	117	44310	38.818	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	92029	37.672	ng	94
20) 3+4-Methylphenols	8.91	107	138959	42.665	ng	95
22) Acetophenone	8.97	105	174765	38.384	ng	# 96
24) Nitrobenzene	9.37	77	139497	42.394	ng	99
25) Isophorone	9.88	82	265073	40.333	ng	99
26) 2-Nitrophenol	10.08	139	66992	42.168	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	119903	48.527	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	162687	40.734	ng	99
29) 2,4-Dichlorophenol	10.61	162	127345	45.776	ng	92
30) 1,2,4-Trichlorobenzene	10.83	180	129141	41.254	ng	97
31) Naphthalene	11.02	128	364274	40.558	ng	99
32) Benzoic acid	10.26	122	61625	37.929	ng	98
33) 4-Chloroaniline	11.13	127	80752	21.203	ng	97
34) Hexachlorobutadiene	11.28	225	89454	41.818	ng	95
35) Caprolactam	11.91	113	41325m	38.887	ng	
36) 4-Chloro-3-methylphenol	12.23	107	134444	42.159	ng	98
37) 2-Methylnaphthalene	12.61	142	279122	41.567	ng	98
38) 1-Methylnaphthalene	12.83	142	263831	40.430	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	157437	42.440	ng	99

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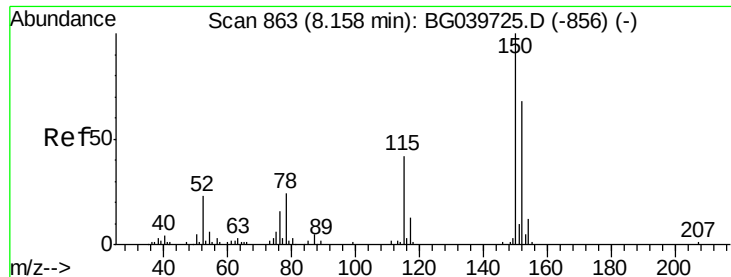
Manual Integrations
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 3/18/2019 3:02:41 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	199621	100.412	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	104383	48.062	ng	95
44) 2,4,5-Trichlorophenol	13.29	196	105713	43.183	ng	98
46) 1,1'-Biphenyl	13.61	154	368923	40.962	ng	99
47) 2-Chloronaphthalene	13.66	162	285549	42.145	ng	99
48) 2-Nitroaniline	13.87	65	94572	43.433	ng	98
49) Acenaphthylene	14.50	152	445980	40.097	ng	99
50) Dimethylphthalate	14.22	163	368493	40.244	ng	100
51) 2,6-Dinitrotoluene	14.36	165	80628	41.537	ng	94
52) Acenaphthene	14.84	154	271195	40.511	ng	97
53) 3-Nitroaniline	14.69	138	56019	28.709	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	86837	71.533	ng	98
55) Dibenzofuran	15.17	168	446244	40.629	ng	99
56) 4-Nitrophenol	14.98	139	142850	81.838	ng	90
57) 2,4-Dinitrotoluene	15.14	165	116450	42.695	ng	86
58) Fluorene	15.82	166	348967	40.416	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107870	45.118	ng	96
60) Diethylphthalate	15.57	149	368610	40.666	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	186349	40.444	ng	98
62) 4-Nitroaniline	15.85	138	88263	41.725	ng	92
63) Azobenzene	16.09	77	336958	41.010	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	66263	42.059	ng	97
66) n-Nitrosodiphenylamine	16.02	169	318879	41.337	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	123608	41.443	ng	95
68) Hexachlorobenzene	16.81	284	124171	40.164	ng	96
69) Atrazine	16.96	200	129340	42.603	ng	99
70) Pentachlorophenol	17.16	266	154919	79.343	ng	97
71) Phenanthrene	17.56	178	591203	40.281	ng	99
72) Anthracene	17.65	178	601376	42.047	ng	99
73) Carbazole	17.93	167	538792	41.787	ng	99
74) Di-n-butylphthalate	18.46	149	655291	43.195	ng	100
75) Fluoranthene	19.57	202	736464	42.459	ng	97
77) Benzidine	19.74	184	288933	32.494	ng	99
78) Pyrene	19.93	202	739146	40.594	ng	98
80) Butylbenzylphthalate	20.79	149	308569	43.742	ng	98
81) Benzo(a)anthracene	21.79	228	710639	40.466	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	171219	26.705	ng	99
83) Chrysene	21.86	228	684021	40.177	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	432550	43.635	ng	98
85) Di-n-octyl phthalate	22.90	149	741484	45.175	ng	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	809343	41.904	ng	100
88) Benzo(b)fluoranthene	24.10	252	717053	45.340	ng	99
89) Benzo(k)fluoranthene	24.17	252	683147	46.405	ng	98
90) Benzo(a)pyrene	25.02	252	692187	47.365	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	653810	45.635	ng	98
92) Benzo(g,h,i)perylene	30.27	276	675159	46.922	ng	98

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



#1

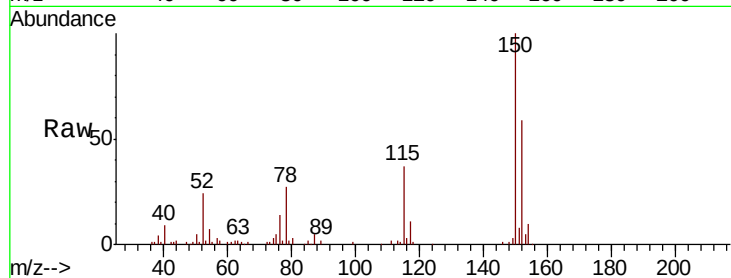
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	123.7	185.5
115	61.4	45.9	68.9

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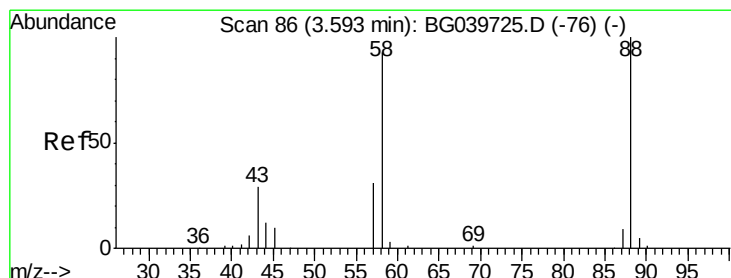
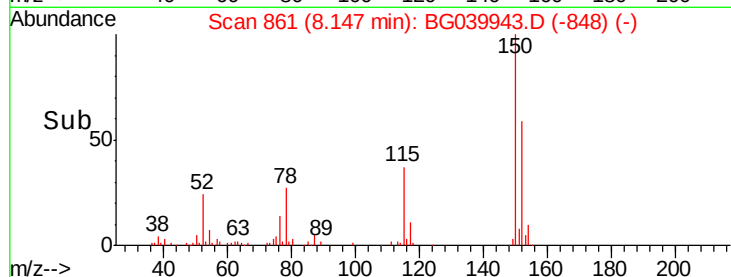
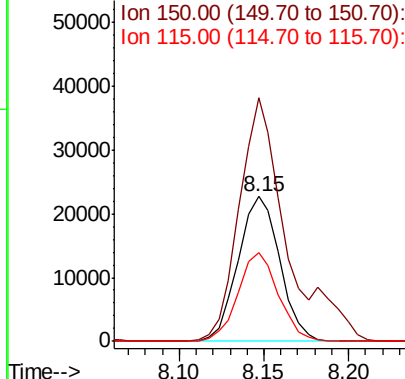


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

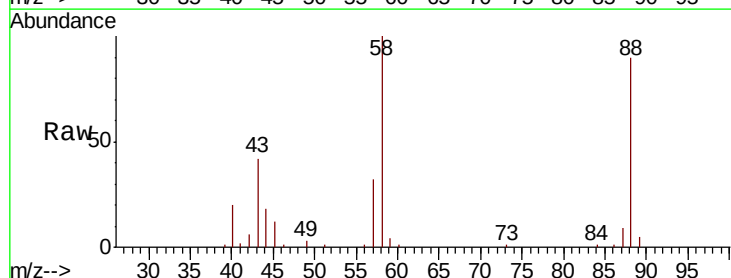
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.110 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.4	81.1	121.7
43	43.7	31.4	47.0

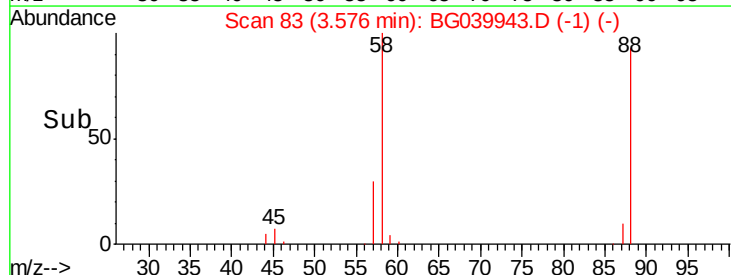
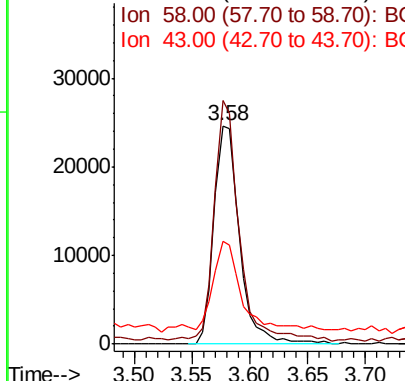


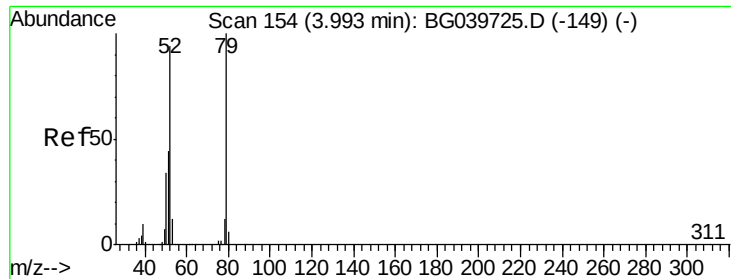
Abundance

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: 35.366 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

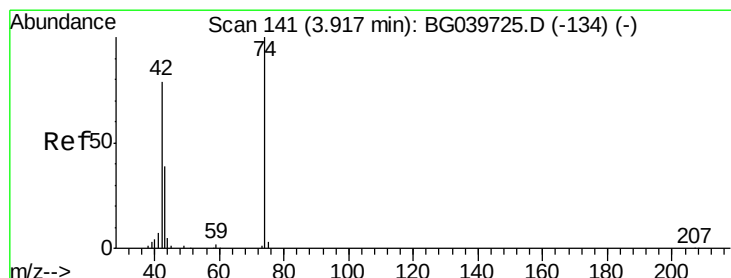
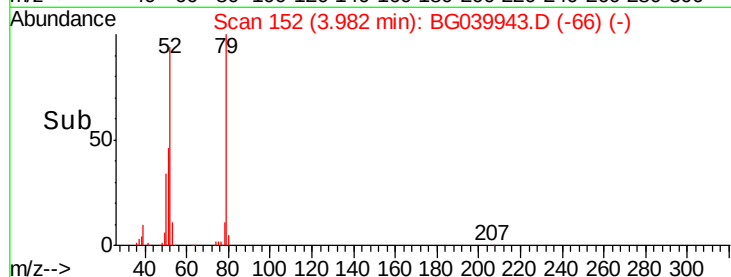
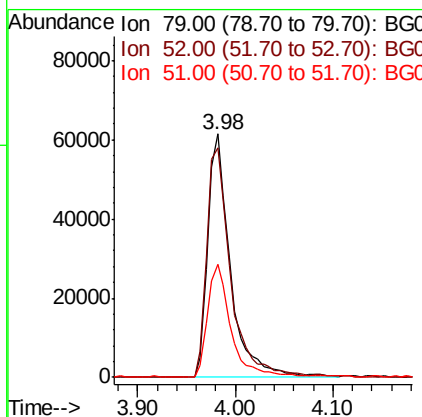
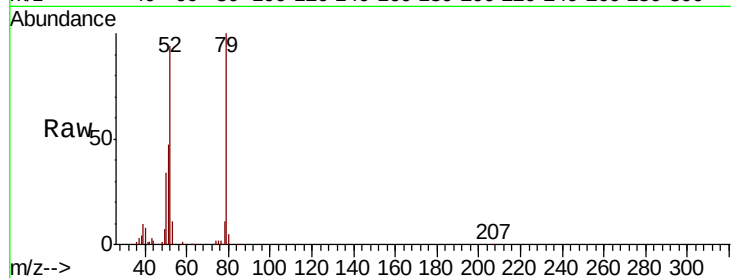
ClientSampleId :

PB117964BSD

Tot Ion:	79	Resp:	99497
Ion Ratio	Lower	Upper	
79	100		
52	94.2	82.6	124.0
51	46.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.760 ng

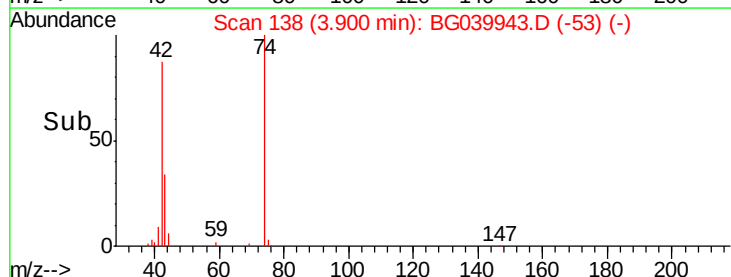
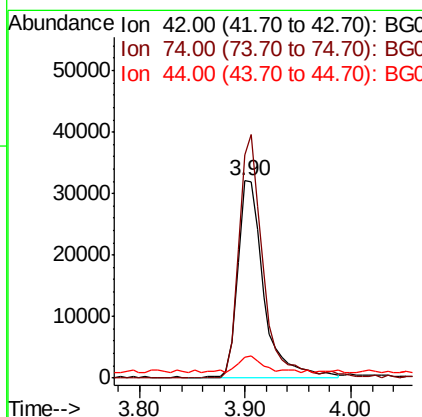
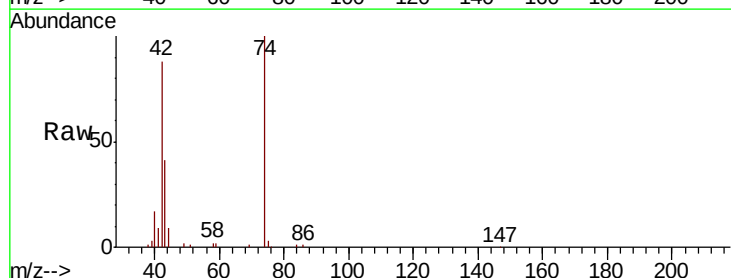
RT: 3.90 min Scan# 138

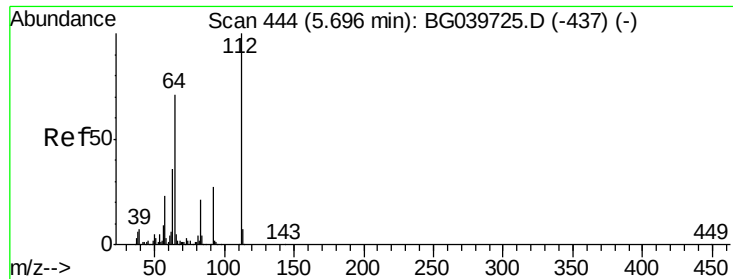
Delta R.T. -0.03 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	42	Resp:	54401
Ion Ratio	Lower	Upper	
42	100		
74	113.5	83.6	125.4
44	10.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 141.482 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

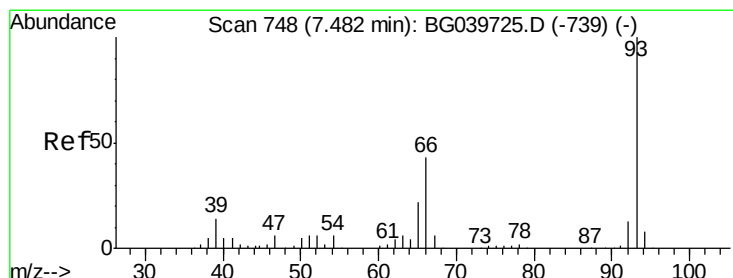
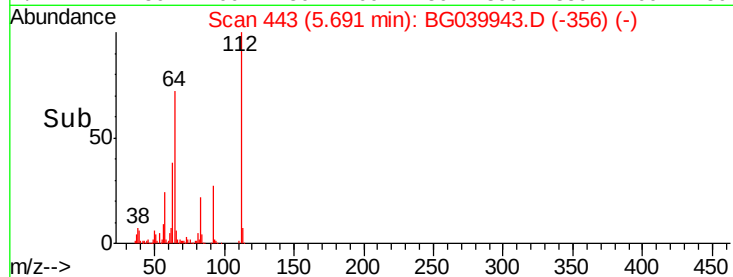
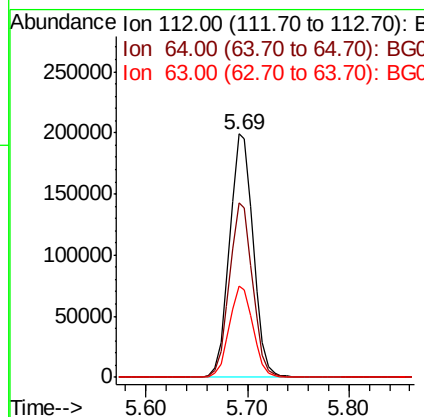
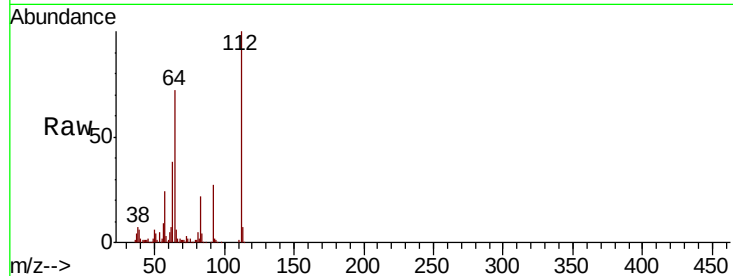
ClientSampled :

PB117964BSD

Tot Ion:	112	Resp:	322049
Ion Ratio	Lower	Upper	
112	100		
64	71.7	57.8	86.8
63	37.6	29.8	44.6

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#6

Aniline

Concen: 27.924 ng

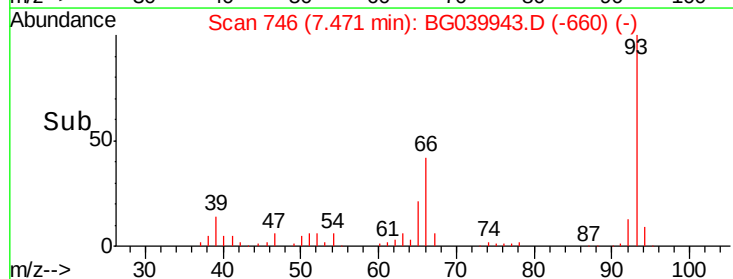
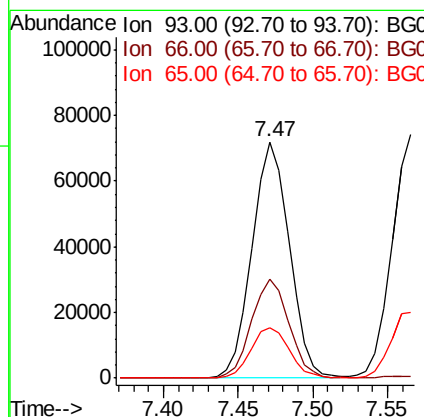
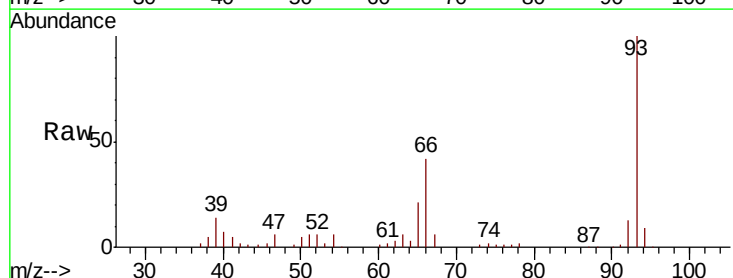
RT: 7.47 min Scan# 746

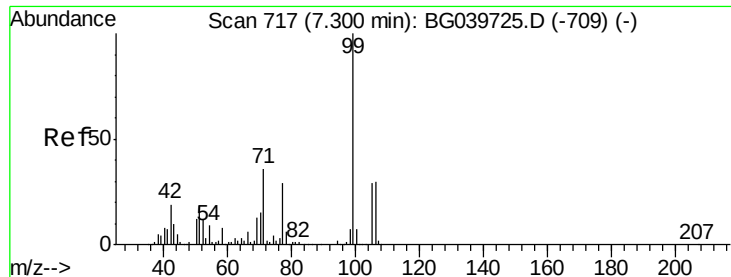
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	93	Resp:	124166
Ion Ratio	Lower	Upper	
93	100		
66	41.9	34.2	51.4
65	21.4	17.7	26.5





#7

Phenol-d6

Concen: 132.867 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

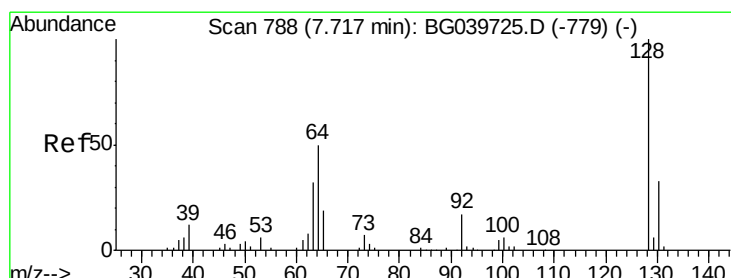
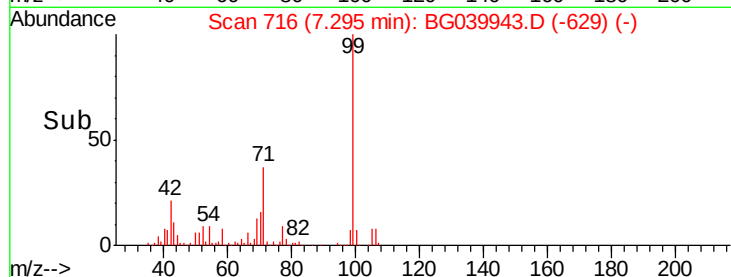
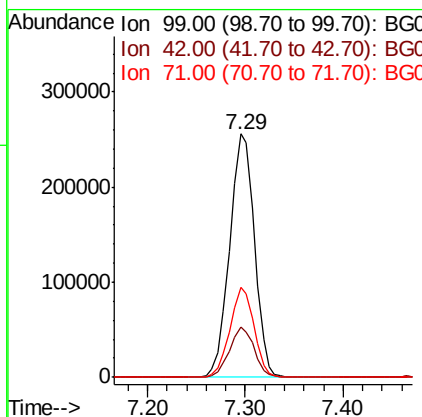
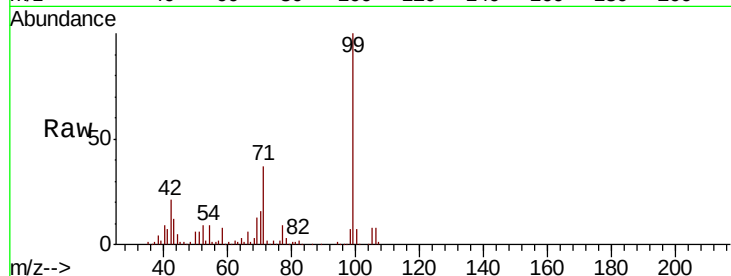
ClientSampleId :

PB117964BSD

Tot Ion:	99	Resp:	450953
Ion Ratio	Lower	Upper	
99	100		
42	20.9	18.2	27.2
71	37.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.350 ng

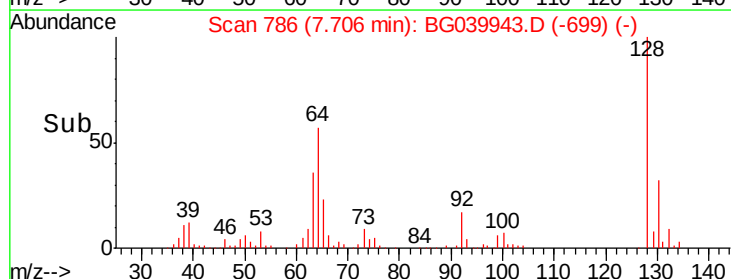
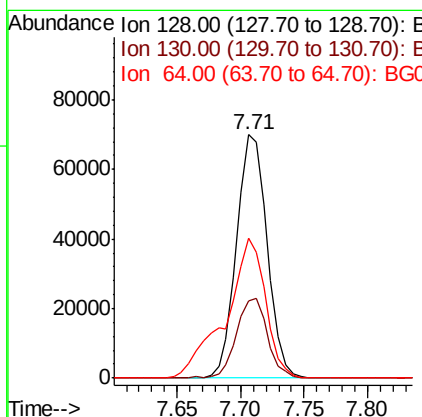
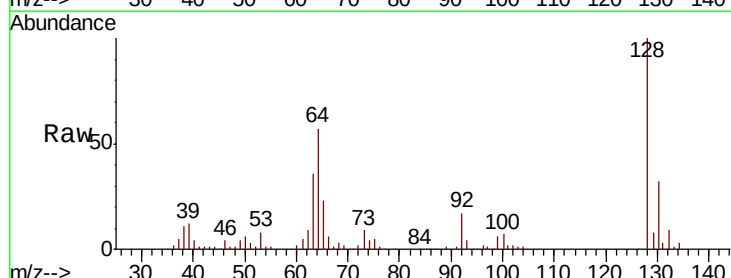
RT: 7.71 min Scan# 786

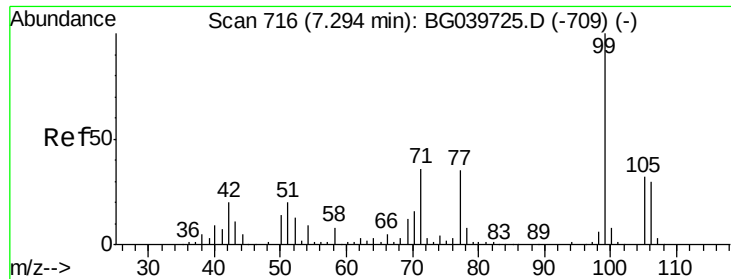
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	128	Resp:	116950
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	57.4	38.7	78.7





#9

Benzaldehyde

Concen: 22.403 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

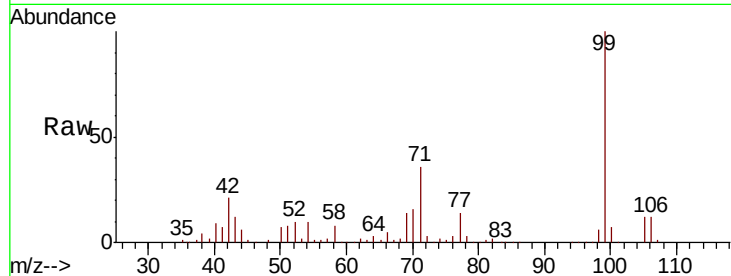
ClientSampleId :

PB117964BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.5	74.5	114.5
106	85.0	68.0	108.0

Manual Integrations
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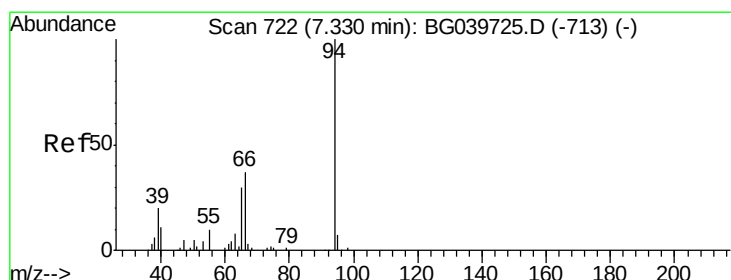
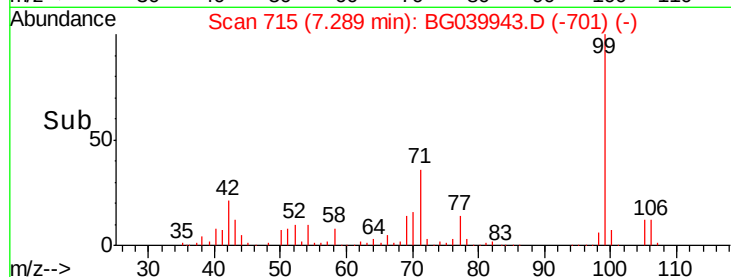
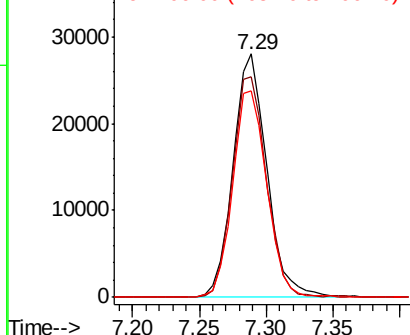


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.277 ng

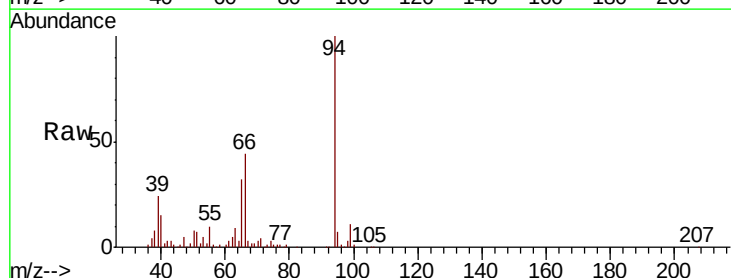
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.7	51.7
66	43.7	23.7	63.7

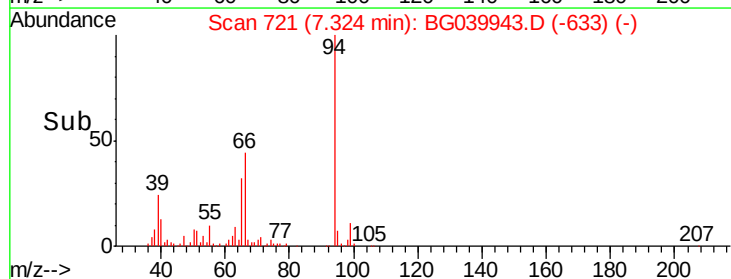
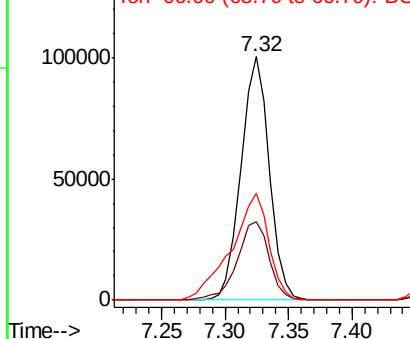


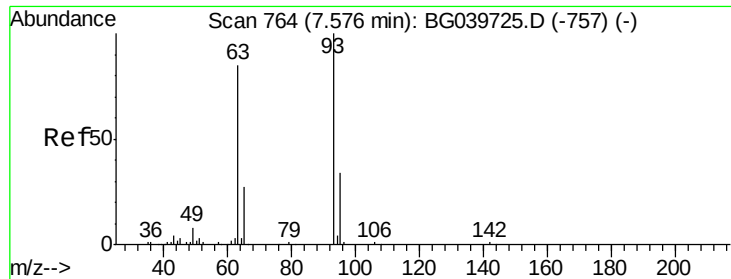
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





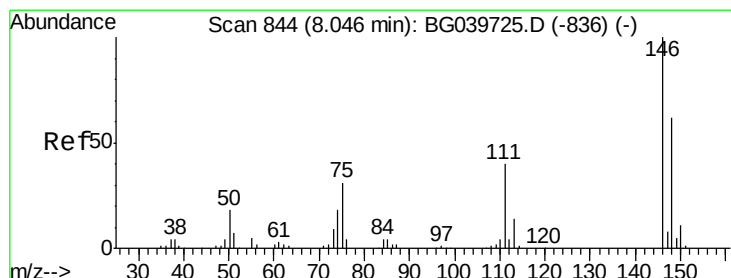
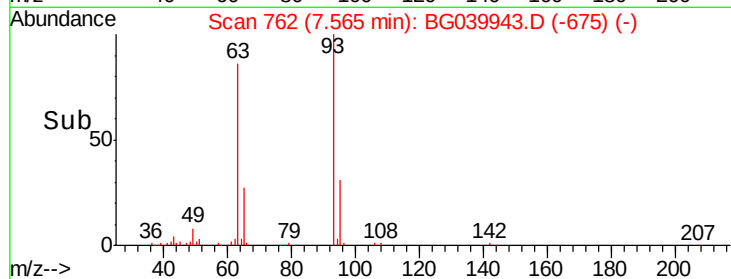
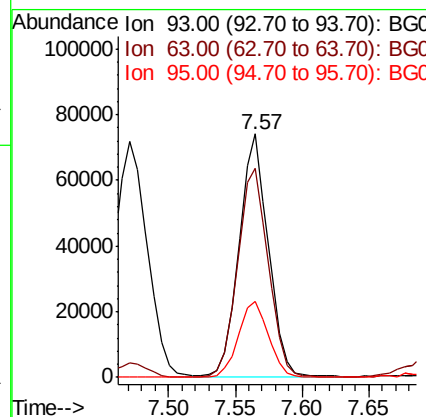
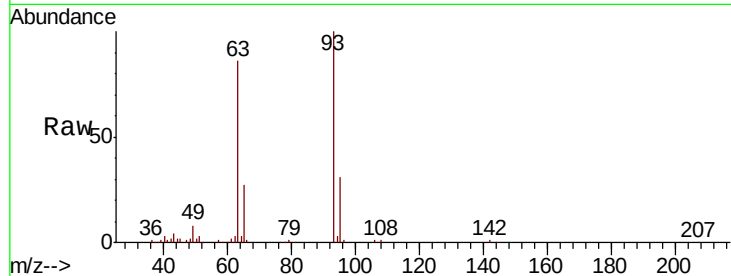
#11
bis(2-Chloroethyl)ether
Concen: 39.318 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	112713		
63	85.9	69.5	109.5	
95	30.9	12.7	52.7	

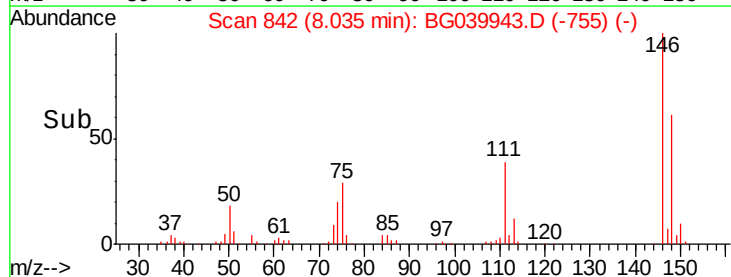
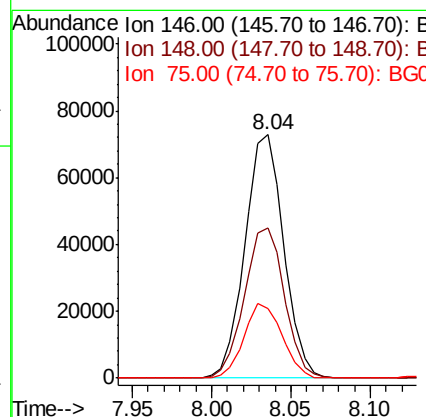
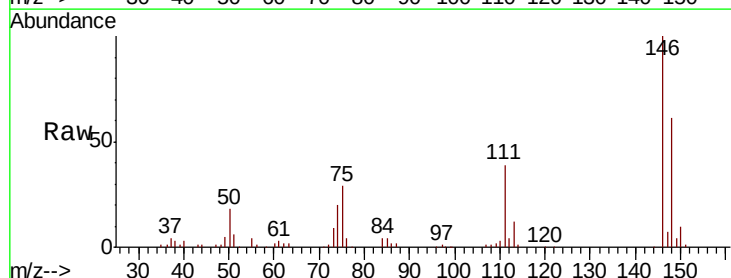
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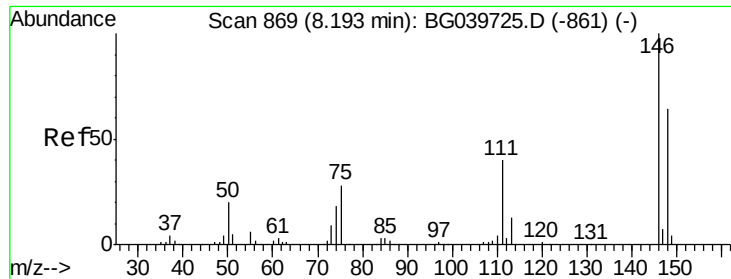
Sohil
3/18/2019 3:02:41 PM



#12
1,3-Dichlorobenzene
Concen: 39.635 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123787		
148	61.5	52.6	79.0	
75	28.6	25.8	38.6	





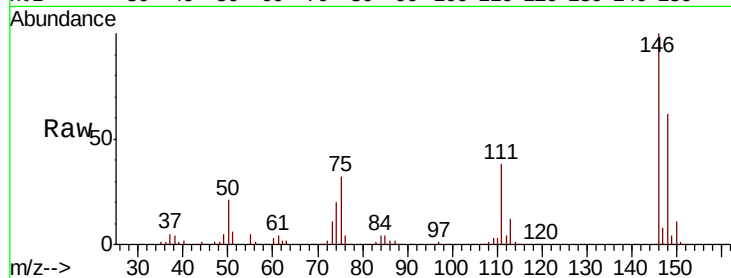
#13
 1,4-Dichlorobenzene
 Concen: 39.621 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleID :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.1	76.7
111	37.7	32.6	48.8

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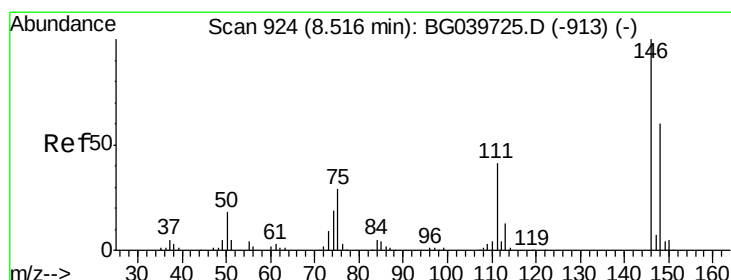
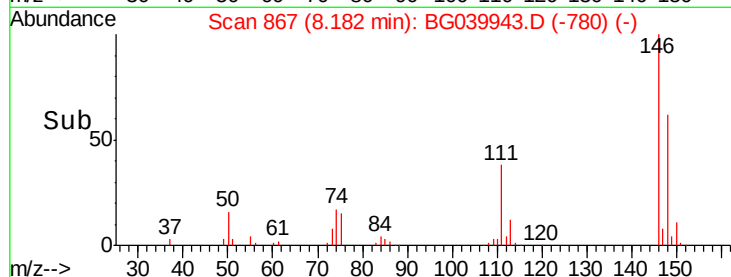
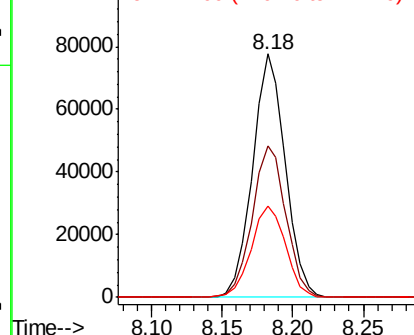


Abundance

Ion 146.00 (145.70 to 146.70): E

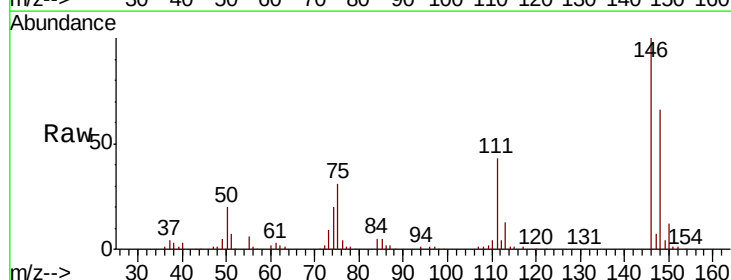
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.633 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.5	77.3
111	42.9	33.8	50.6

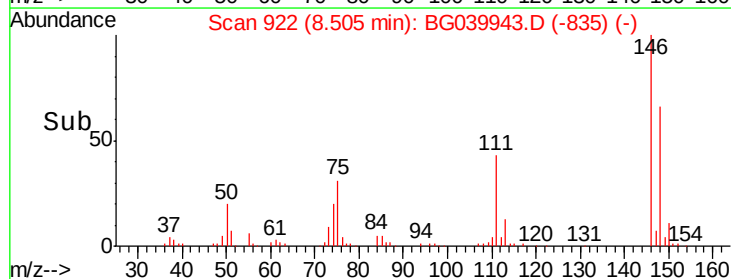
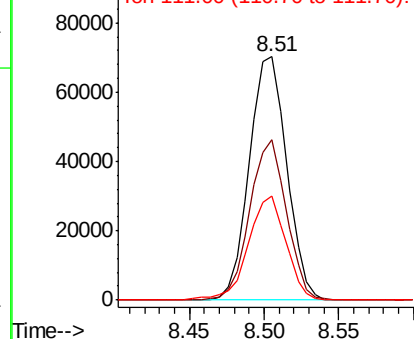


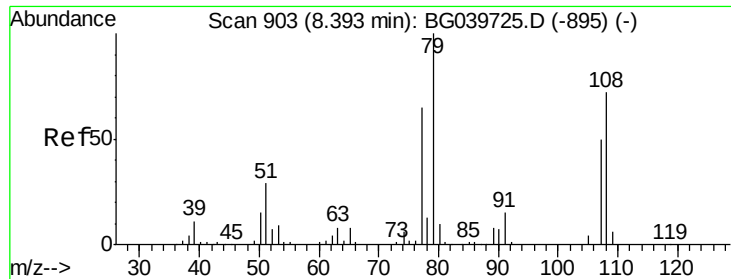
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.389 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

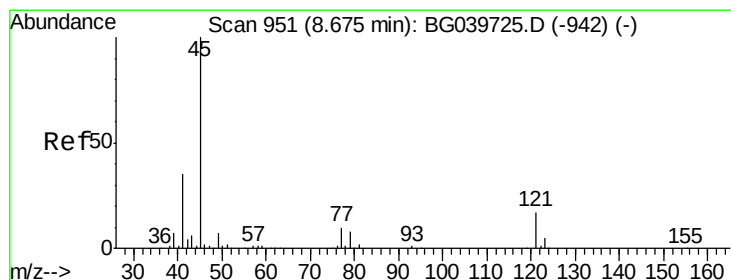
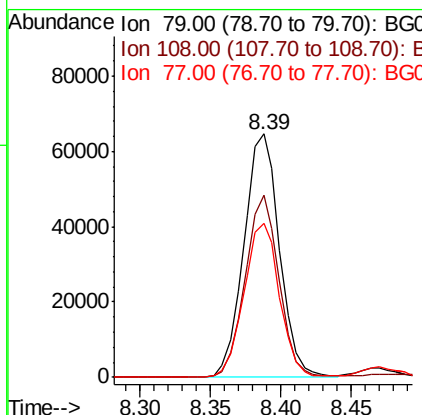
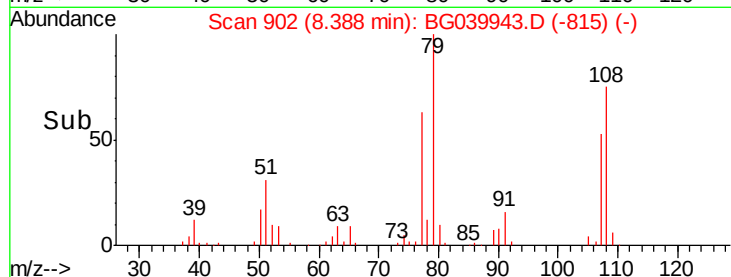
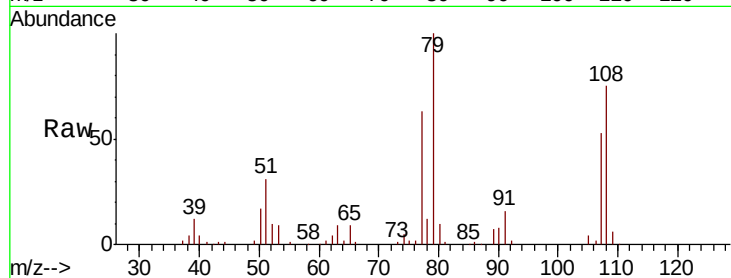
ClientSampleId :

PB117964BSD

Tot Ion:	79	Resp:	114125
Ion Ratio	Lower	Upper	
79	100		
108	75.1	57.8	86.6
77	63.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.746 ng

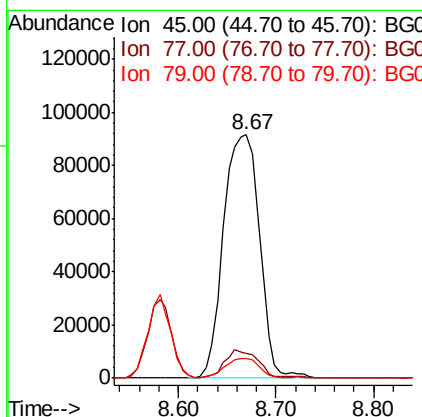
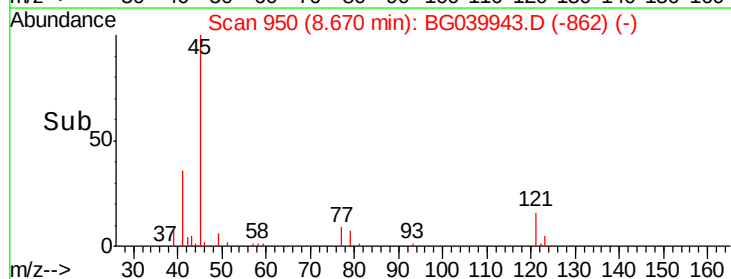
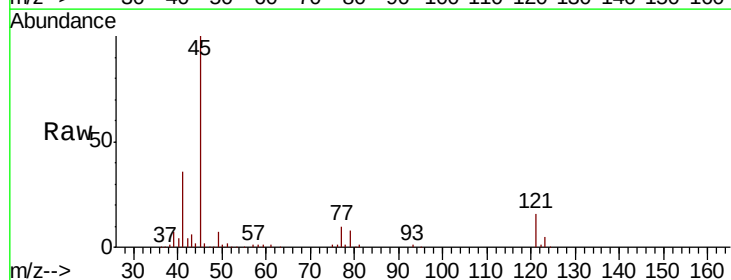
RT: 8.67 min Scan# 950

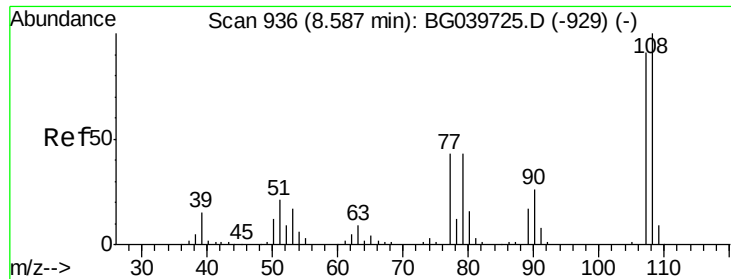
Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	45	Resp:	233613
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	30.0
79	7.8	0.0	27.5





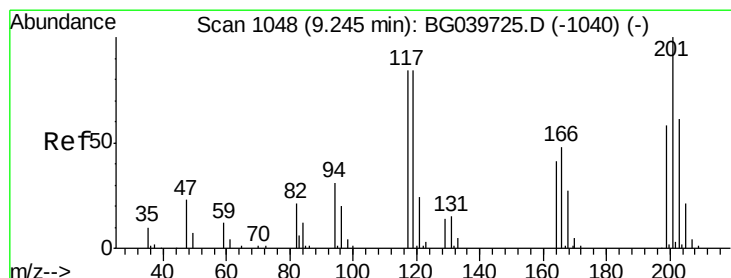
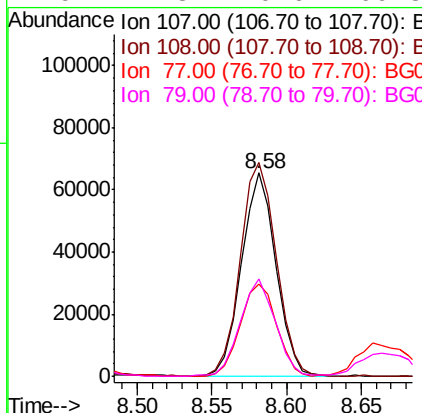
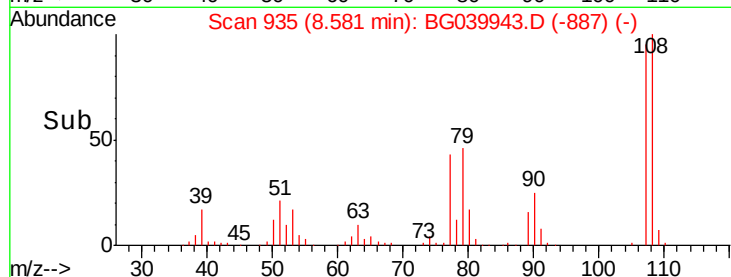
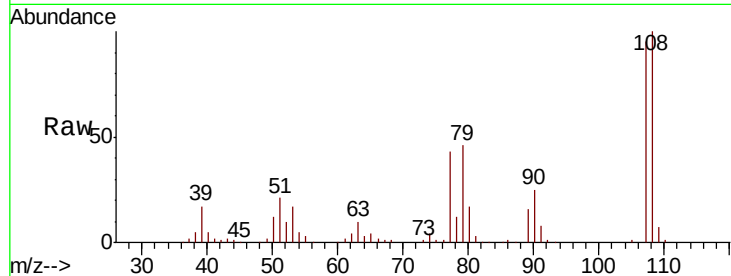
#17
2-Methylphenol
Concen: 44.606 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampled :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.0	90.8	136.2	
77	45.4	40.7	61.1	
79	47.8	40.6	60.8	

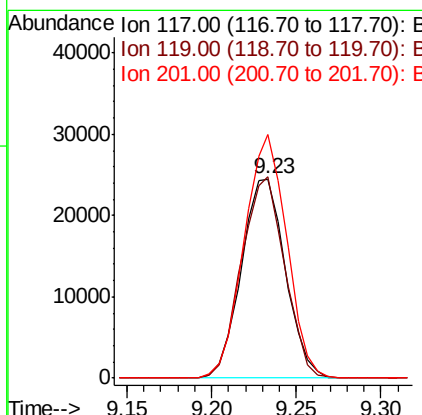
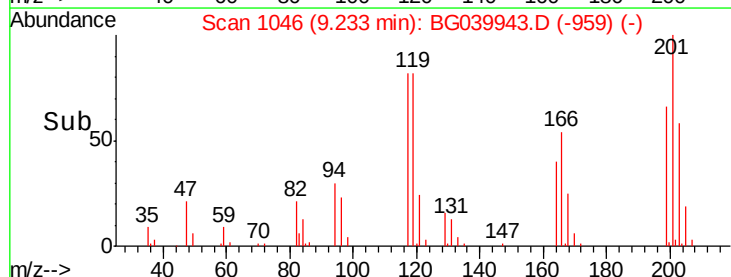
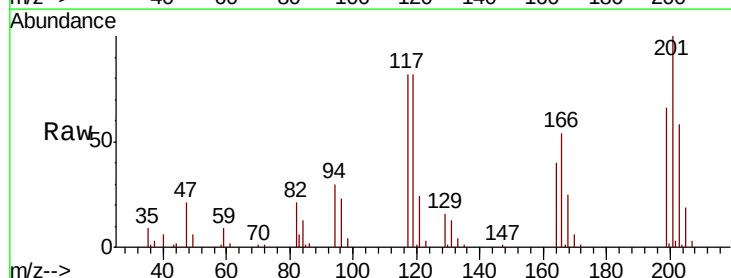
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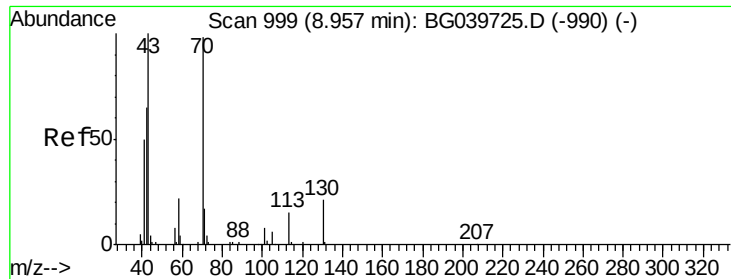
Sohil
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#18
Hexachloroethane
Concen: 38.818 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.9	76.3	114.5	
201	122.3	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 37.672 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

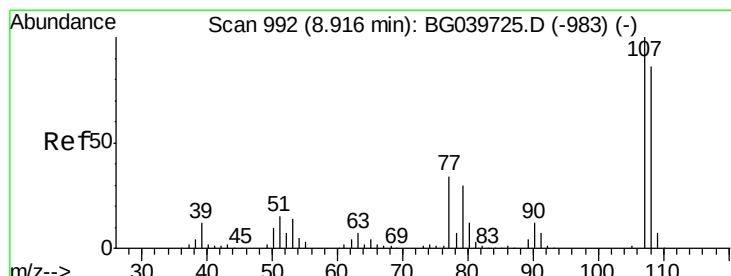
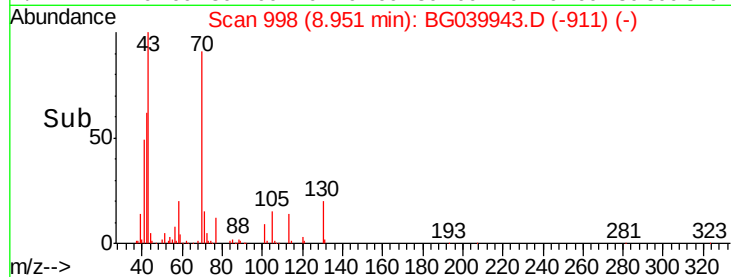
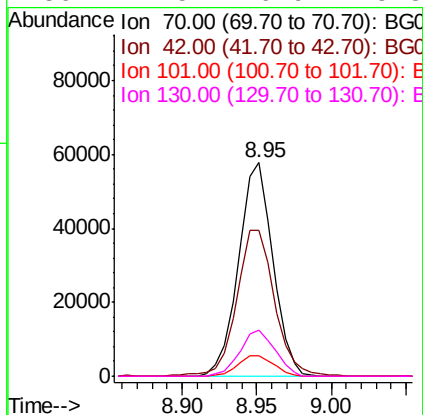
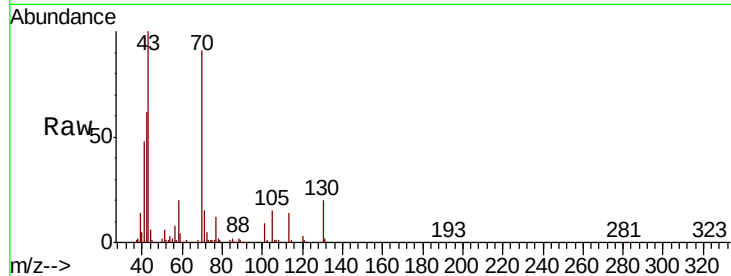
ClientSampleId :

PB117964BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.4	60.4	90.6	
101	9.9	7.5	11.3	
130	21.5	16.9	25.3	

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#20

3+4-Methylphenols

Concen: 42.665 ng

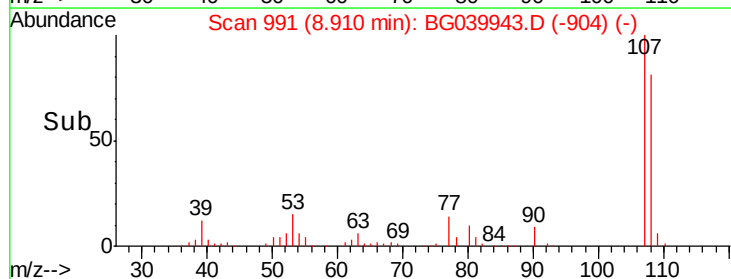
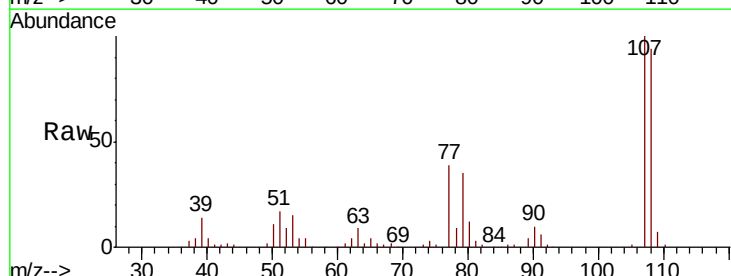
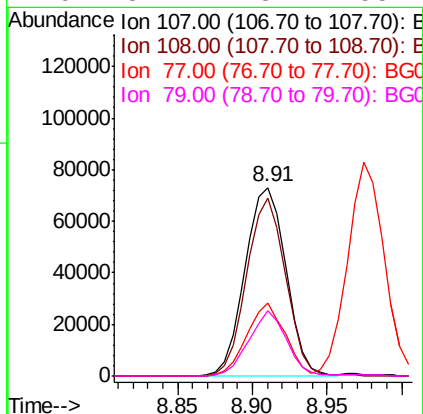
RT: 8.91 min Scan# 991

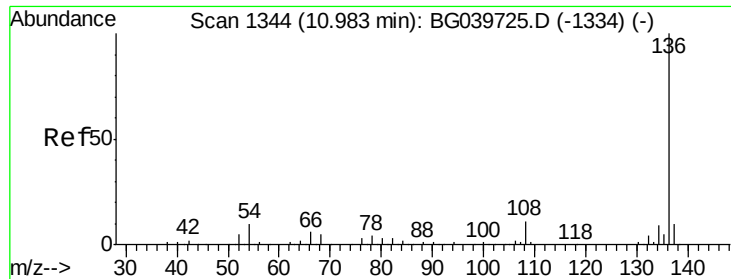
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.0	67.9	107.9	
77	38.8	15.4	55.4	
79	34.7	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

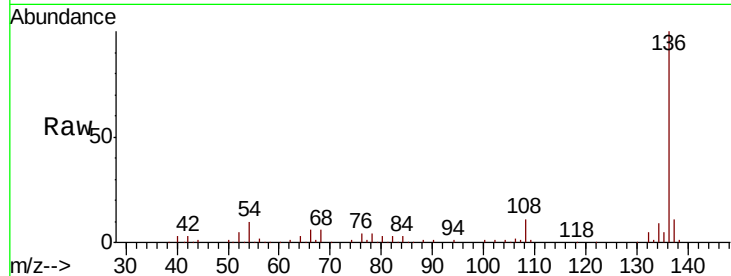
ClientSampleId :

PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	169638		
137	10.8		9.1	13.7
54	9.9		9.4	14.2
68	5.7		4.2	6.4

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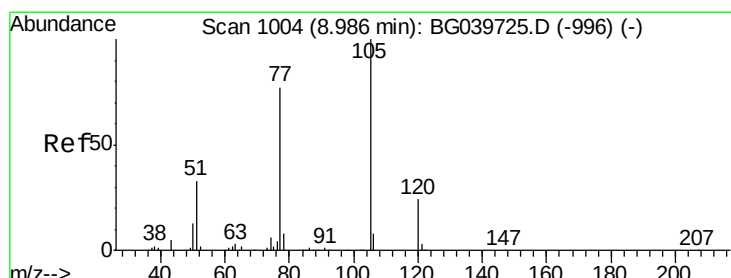
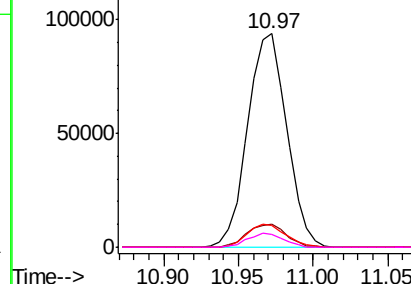
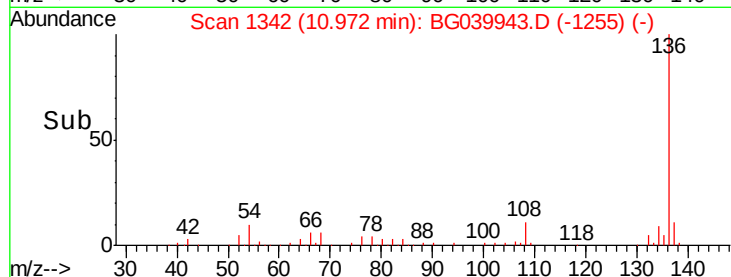
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.384 ng

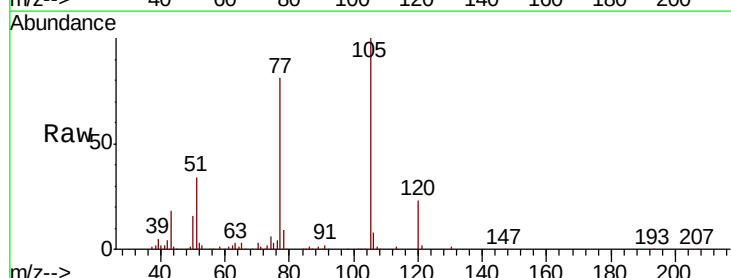
RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174765		
71	0.6		0.8	1.2#
51	34.0		30.2	45.2
120	23.0		18.0	27.0



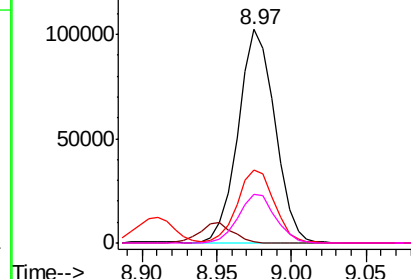
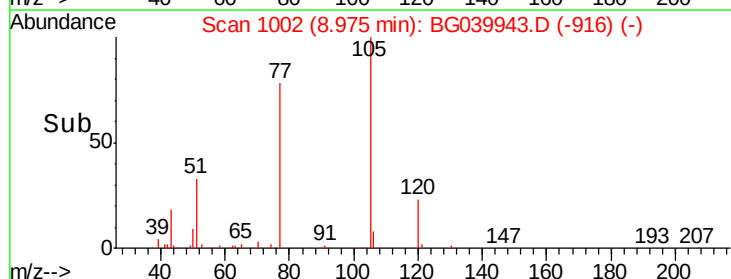
Abundance

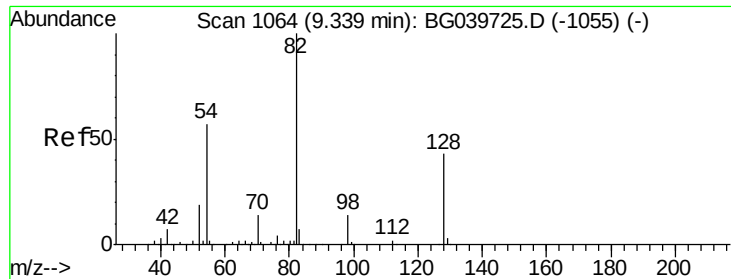
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





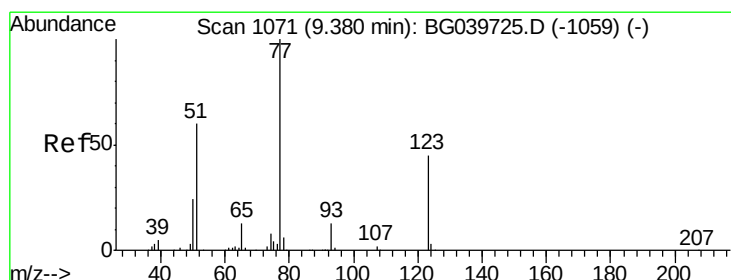
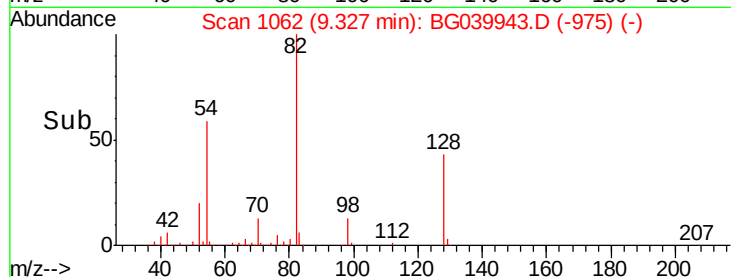
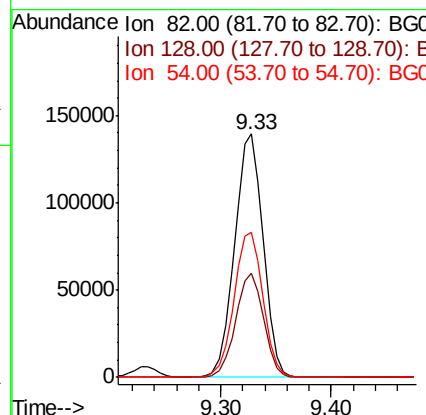
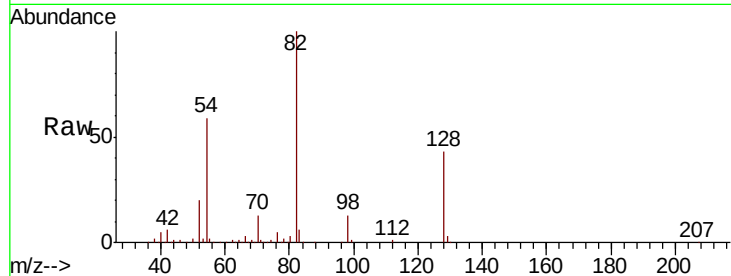
#23
 Nitrobenzene-d5
 Concen: 80.590 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	252776		
128	43.0		31.3	46.9
54	59.4		50.9	76.3

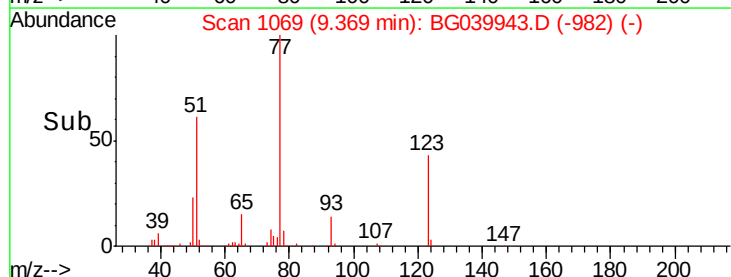
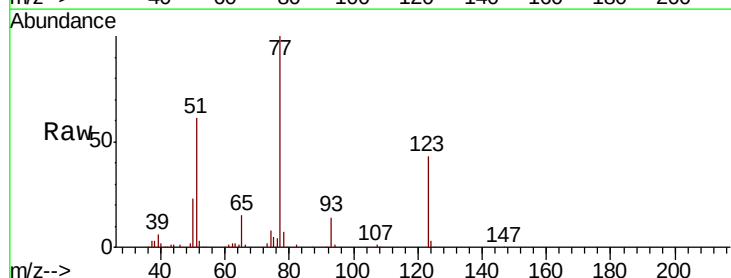
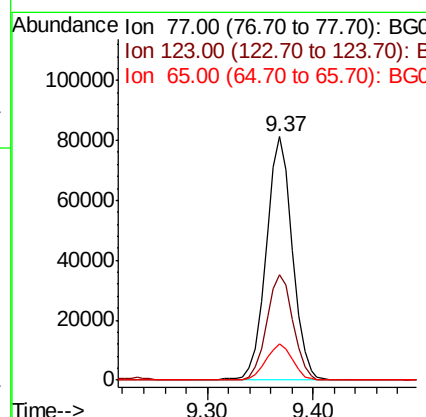
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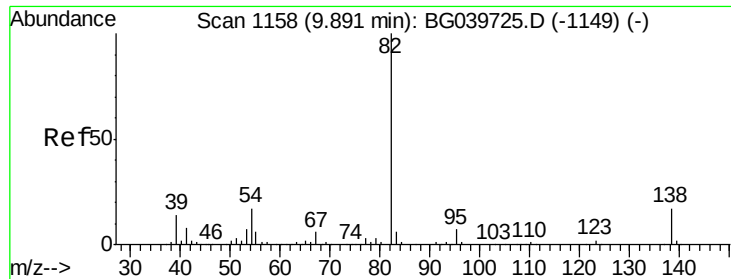
Sohil
 3/18/2019 3:02:41 PM



#24
 Nitrobenzene
 Concen: 42.394 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	139497		
123	43.2		34.1	51.1
65	14.9		12.3	18.5





#25

Isophorone

Concen: 40.333 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

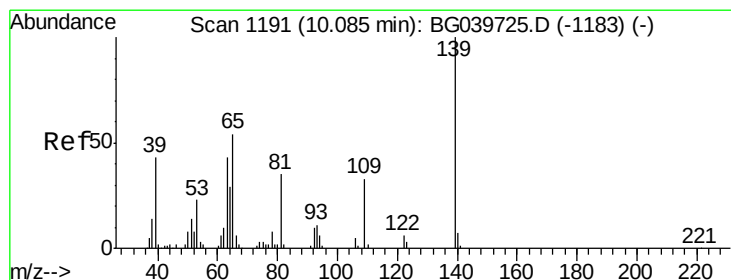
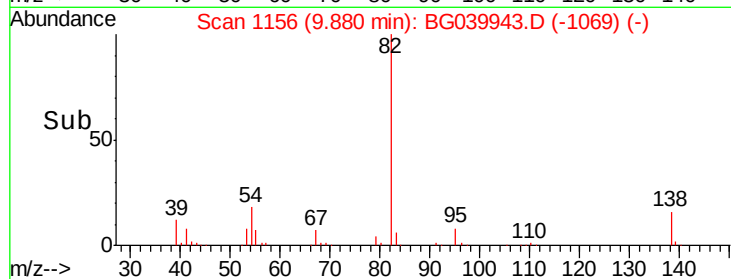
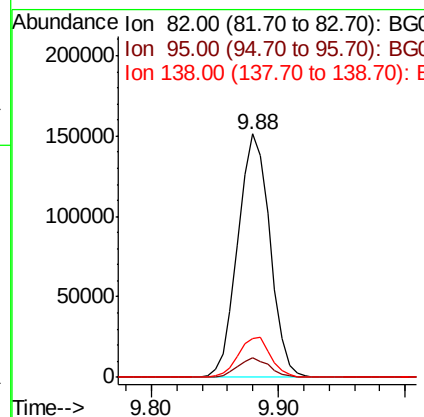
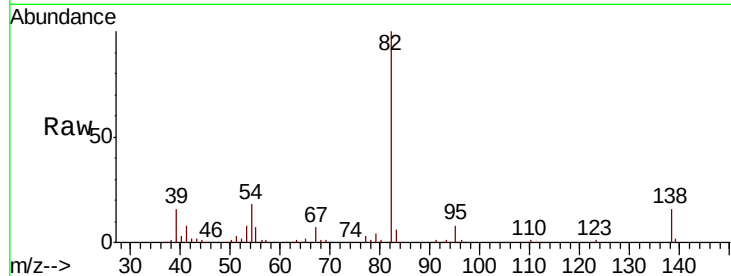
ClientSampleId :

PB117964BSD

Tot Ion:	82	Resp:	265073
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.2	9.2
138	15.7	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.168 ng

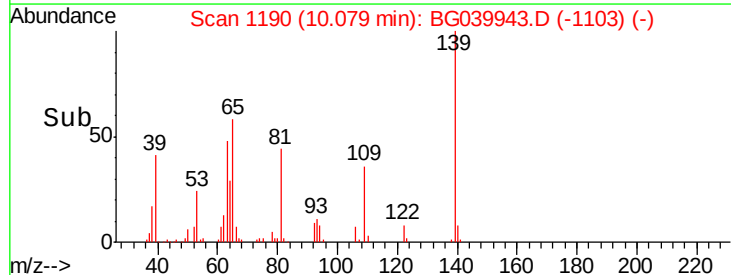
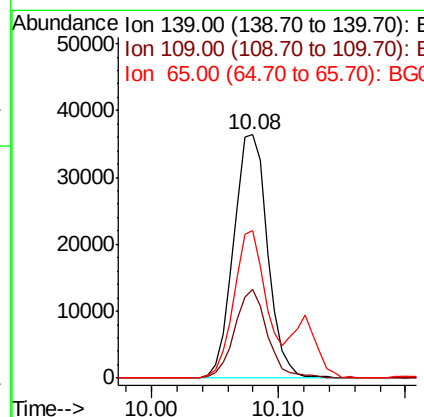
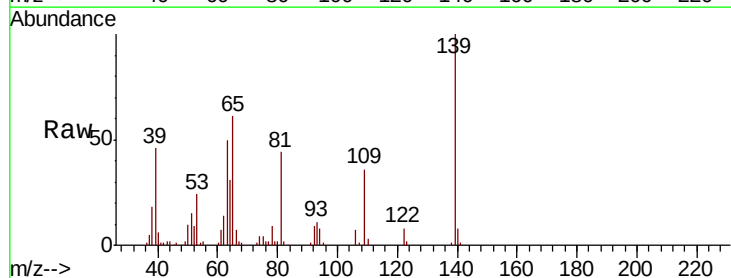
RT: 10.08 min Scan# 1190

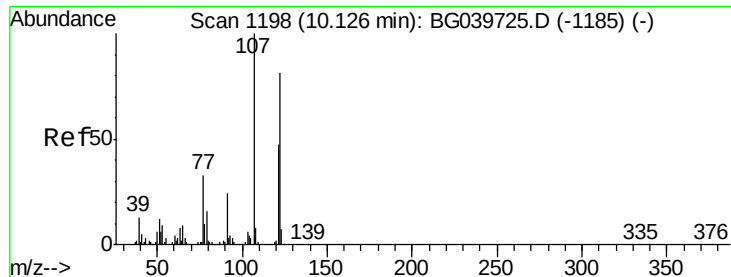
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	139	Resp:	66992
Ion Ratio		Lower	Upper
139	100		
109	36.4	23.4	35.0#
65	60.5	44.3	66.5





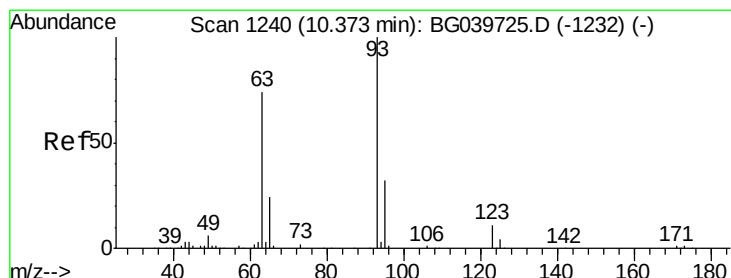
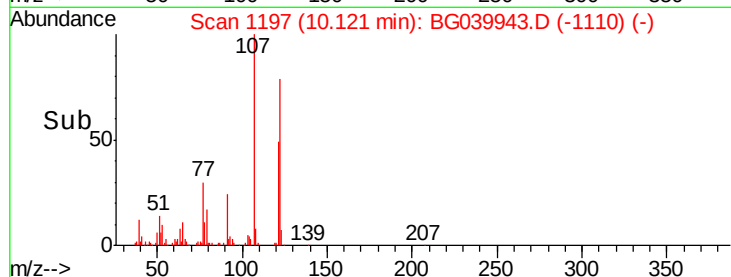
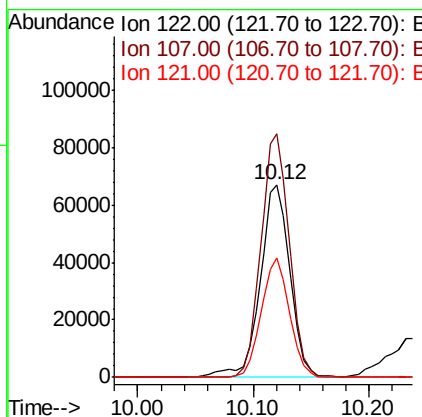
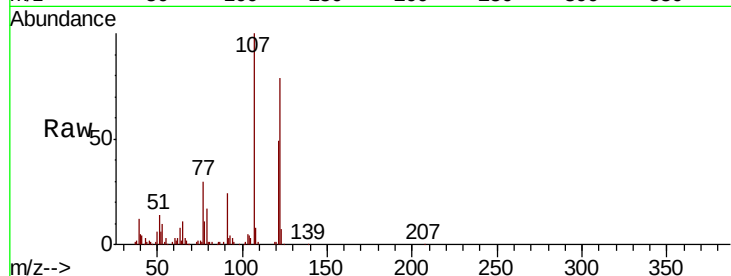
#27
2,4-Dimethylphenol
Concen: 48.527 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	119903		
107	126.2	91.7	137.5	
121	61.9	46.4	69.6	

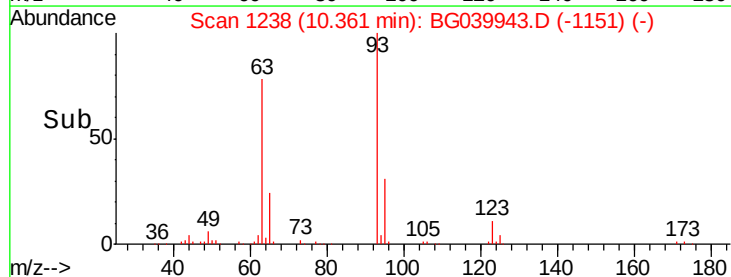
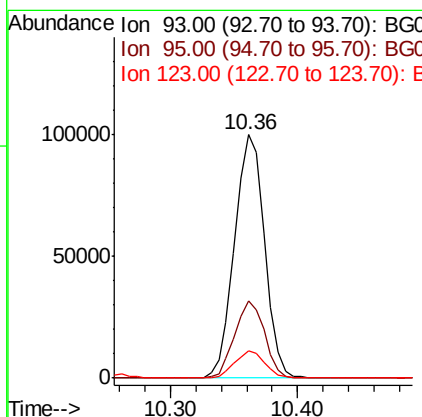
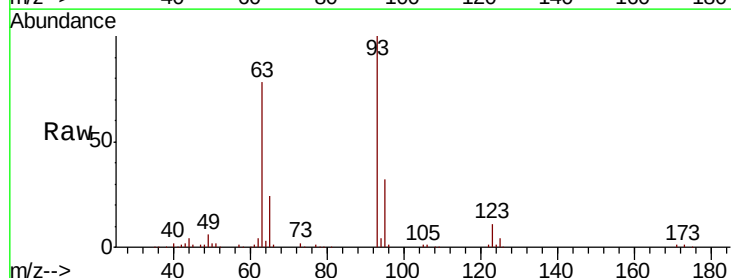
Manual Integrations
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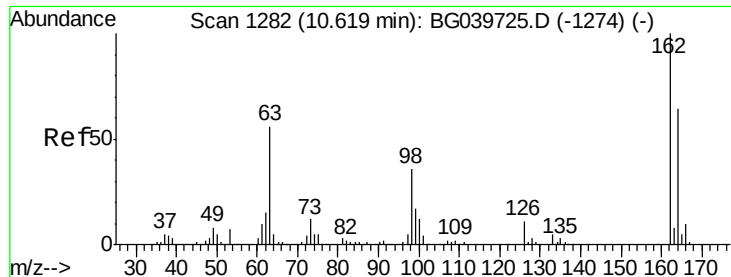
Sohil
3/18/2019 3:02:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.734 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	162687		
95	31.9	25.0	37.4	
123	11.2	8.6	12.8	





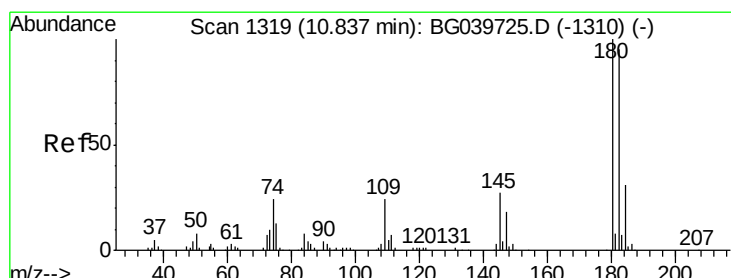
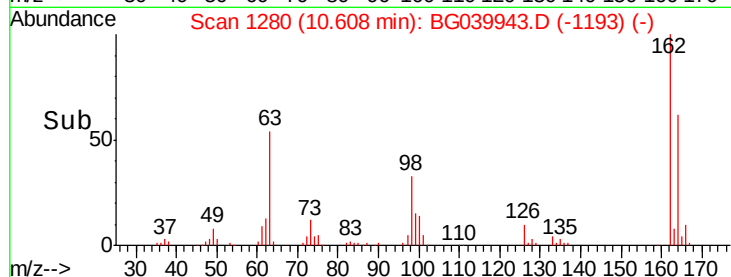
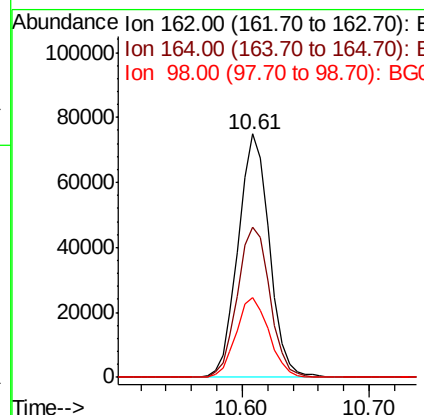
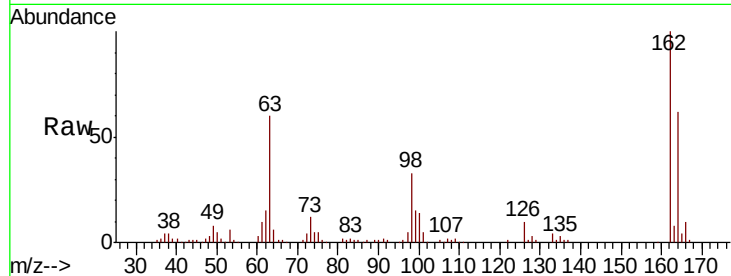
#29
 2,4-Dichlorophenol
 Concen: 45.776 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.6	48.1	88.1
98	32.7	18.1	58.1

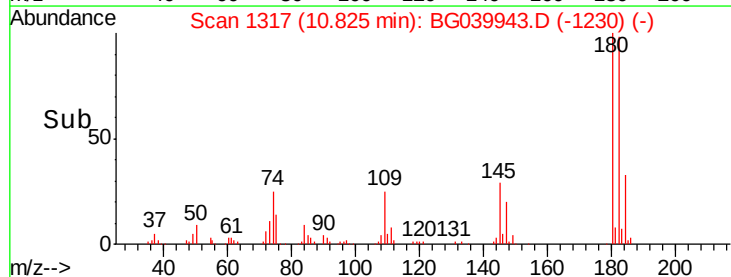
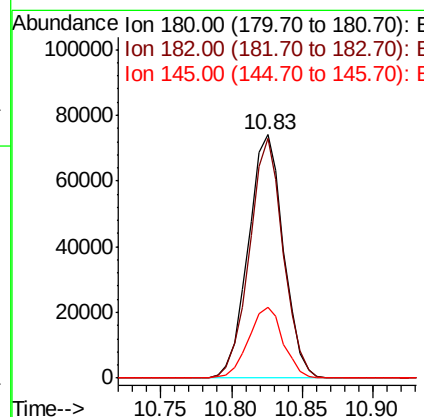
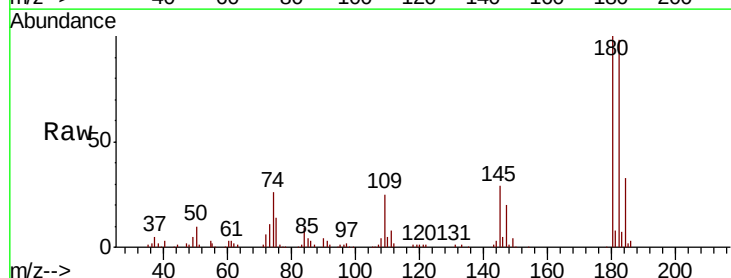
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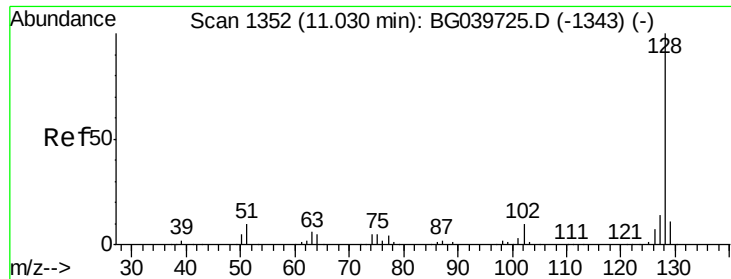
Sohil
 3/18/2019 3:02:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.254 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.4	76.0	114.0
145	29.3	22.7	34.1





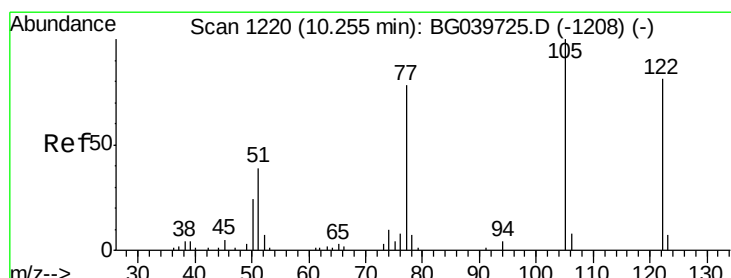
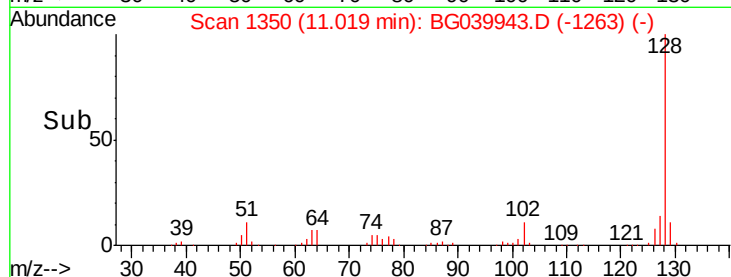
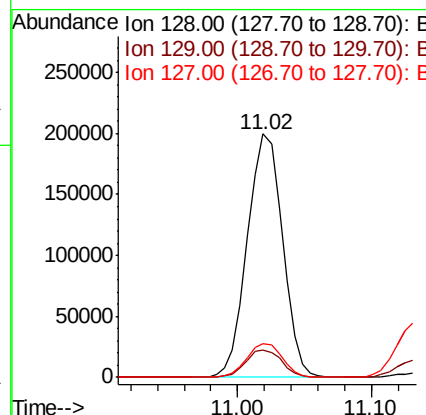
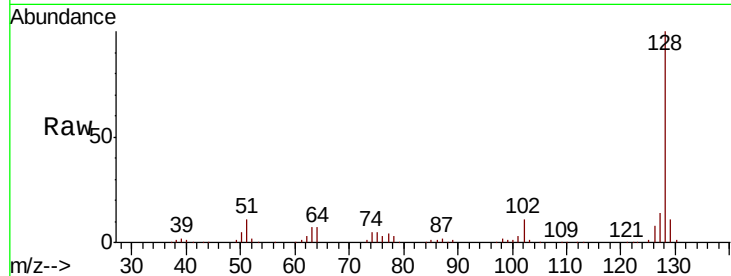
#31
Naphthalene
Concen: 40.558 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.7	10.8	16.2

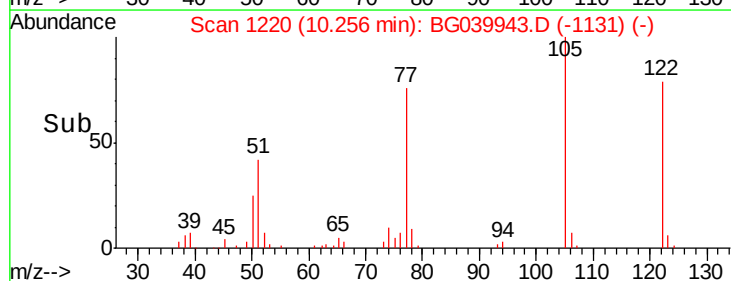
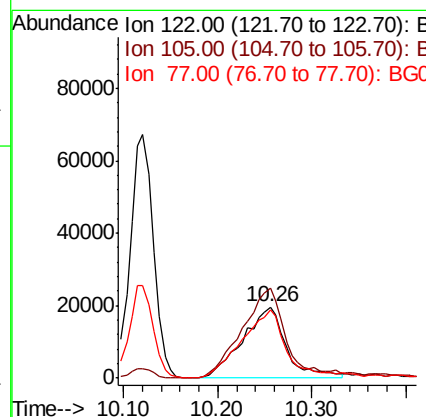
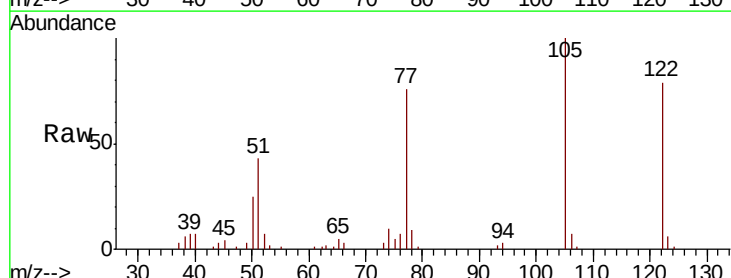
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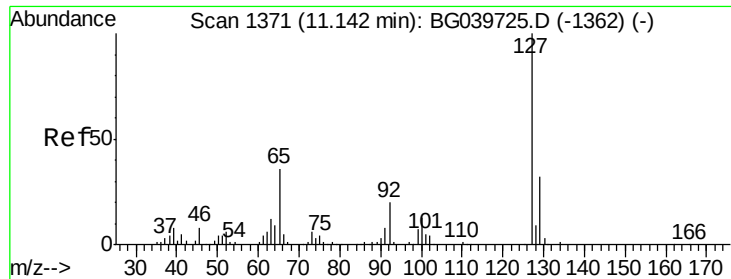
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#32
Benzoic acid
Concen: 37.929 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	101.8	141.8
77	96.3	76.3	116.3





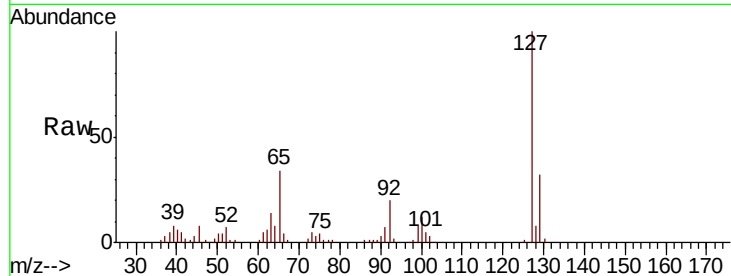
#33
4-Chloroaniline
Concen: 21.203 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.4
65	33.6	28.8	43.2
92	20.3	16.6	25.0

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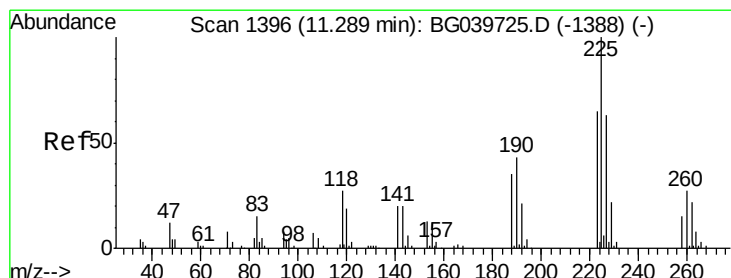
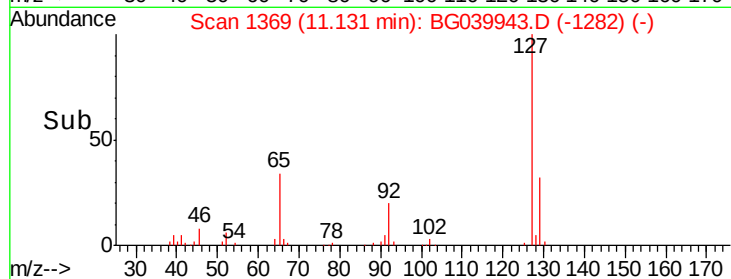
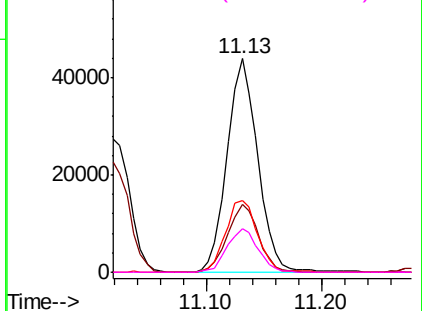
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

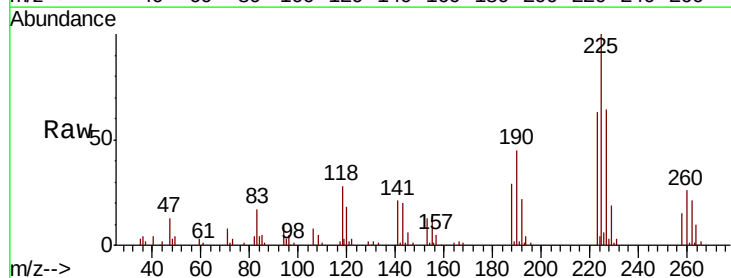
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.818 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.0	73.6
227	63.5	46.3	69.5

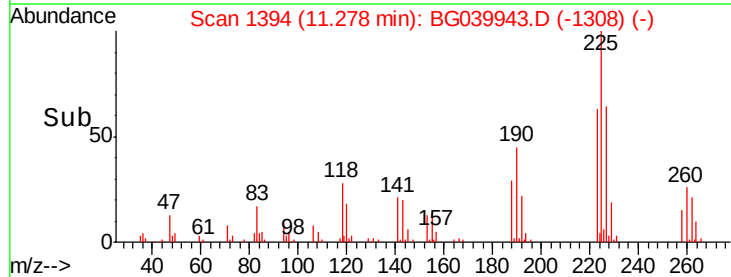
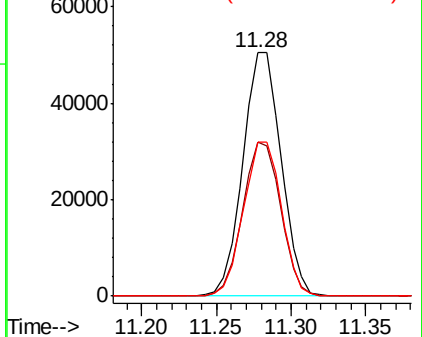


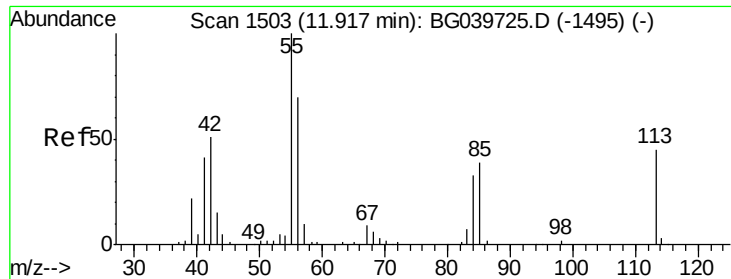
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





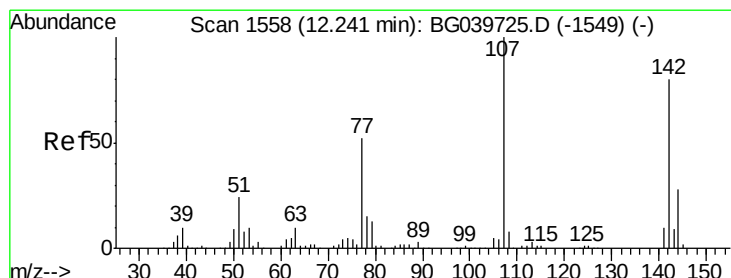
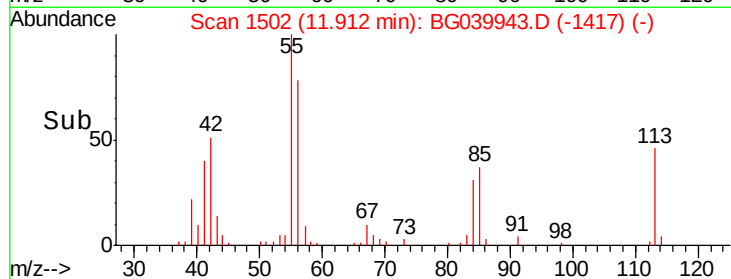
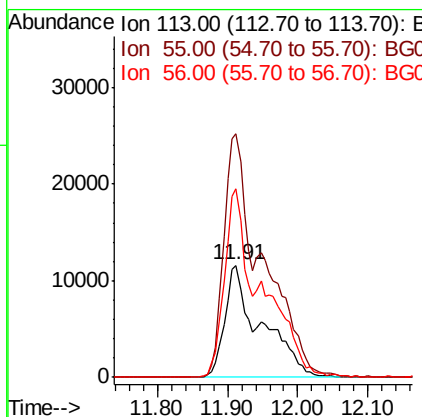
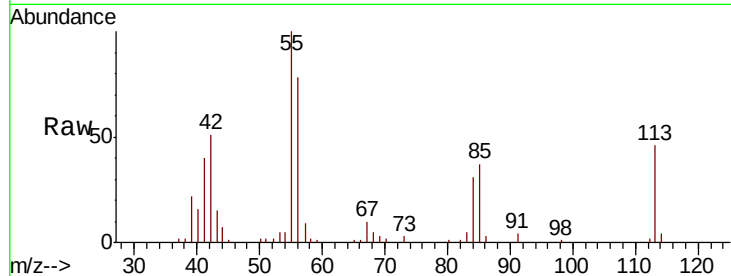
#35
 Caprolactam
 Concen: 38.887 ng/ml
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleID :
 PB117964BSD

Tot Ion:113 Resp: 41325
 Ion Ratio Lower Upper
 113 100
 55 217.1 216.9 256.9
 56 168.3 152.6 192.6

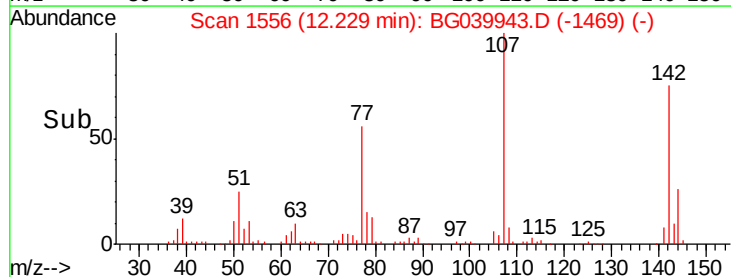
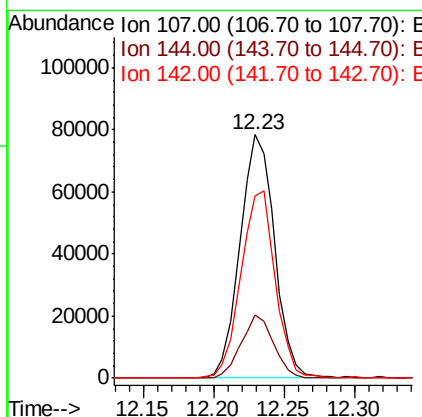
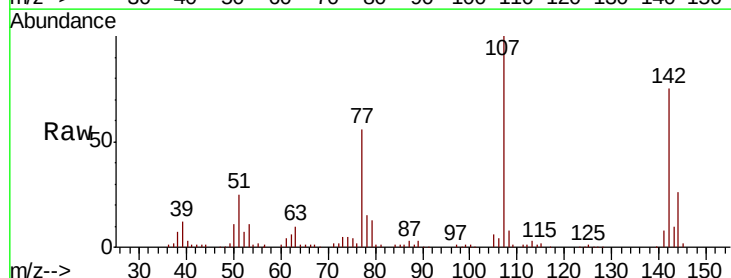
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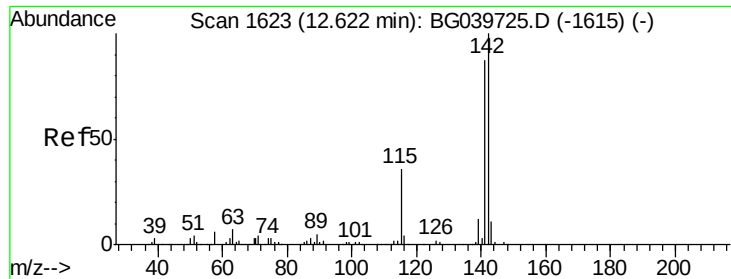
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 42.159 ng/ml
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion:107 Resp: 134444
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 74.9 61.4 92.2





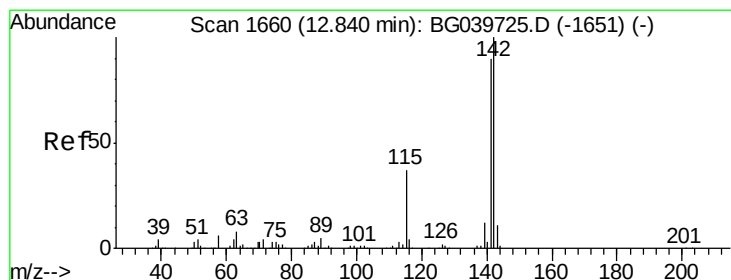
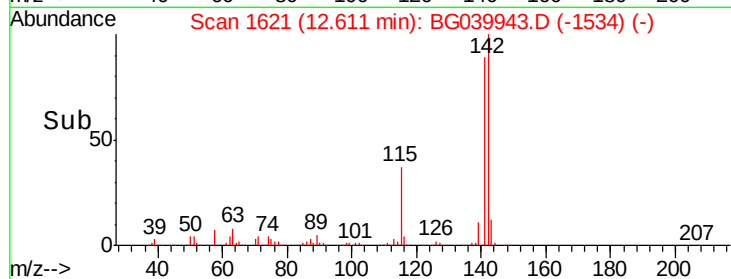
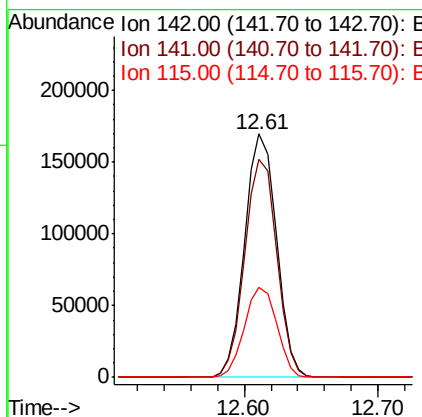
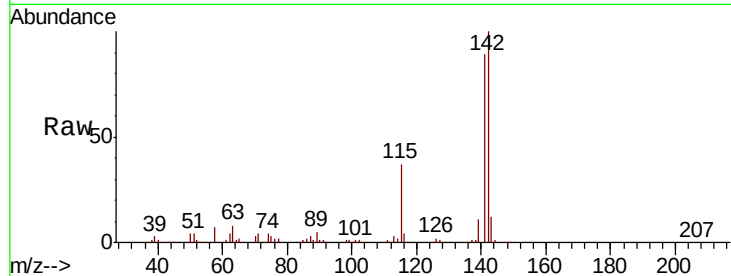
#37
2-Methylnaphthalene
Concen: 41.567 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	37.2	30.8	46.2

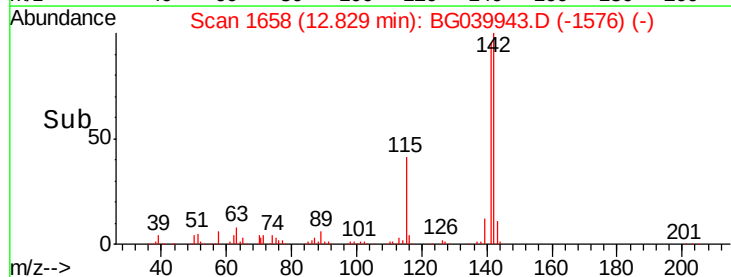
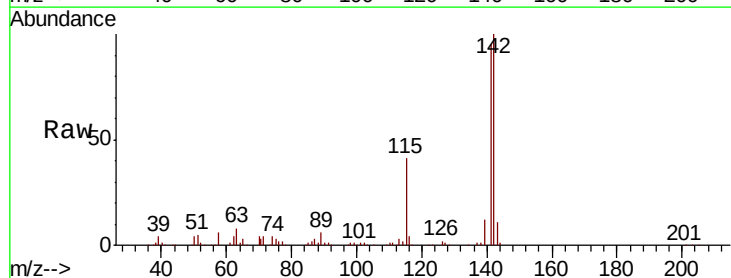
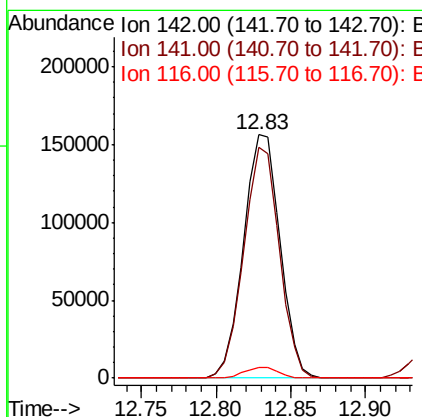
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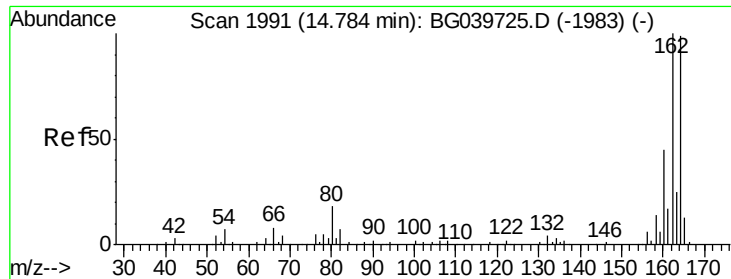
Sohil
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#38
1-Methylnaphthalene
Concen: 40.430 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

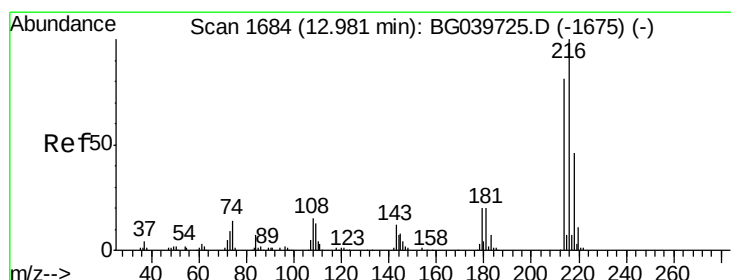
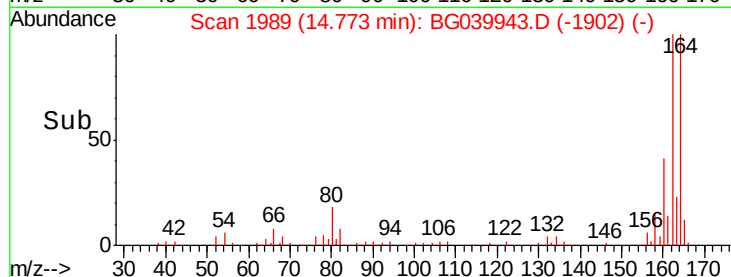
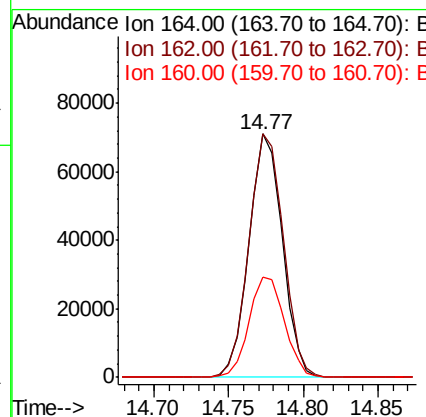
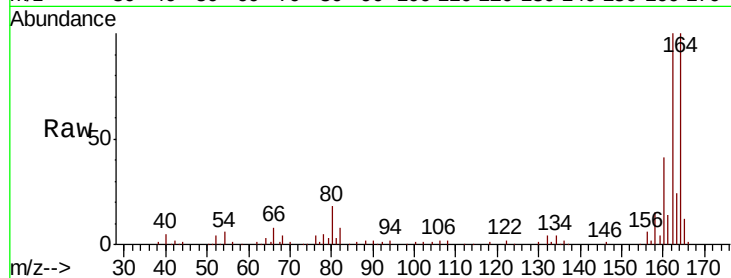
ClientSampleId :

PB117964BSD

Tot Ion:	164	Resp:	109502
Ion Ratio	Lower	Upper	
164	100		
162	100.1	81.6	122.4
160	41.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.440 ng

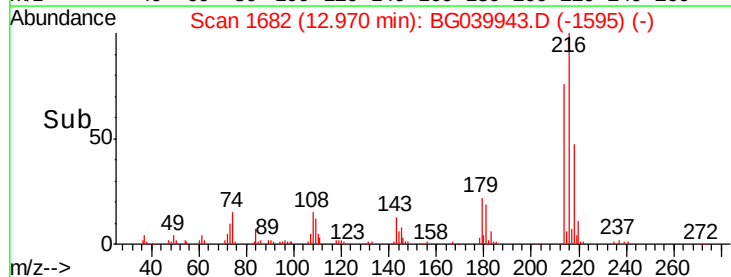
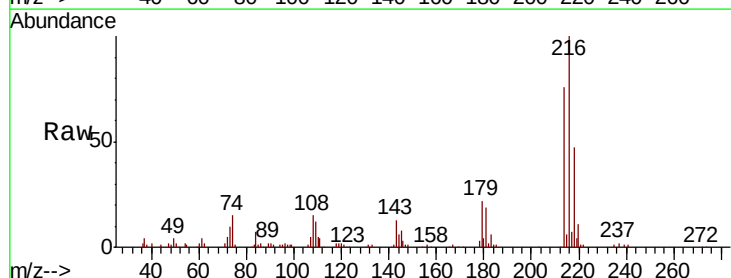
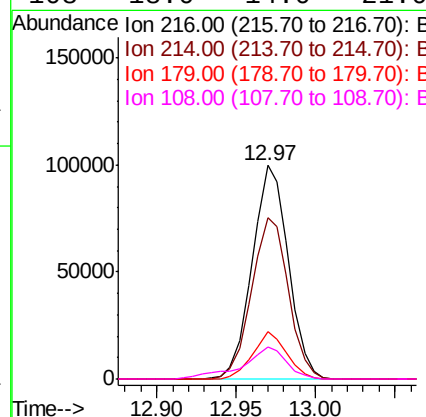
RT: 12.97 min Scan# 1682

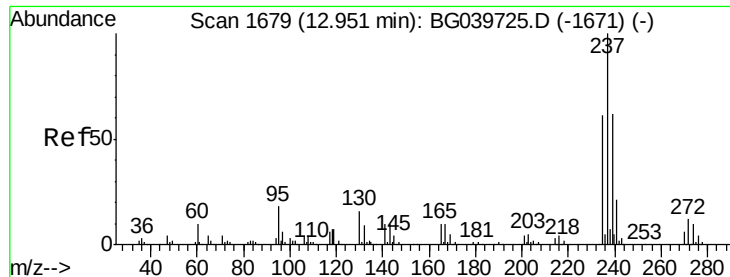
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	216	Resp:	157437
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.6	94.0
179	20.8	16.6	25.0
108	18.0	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 100.412 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

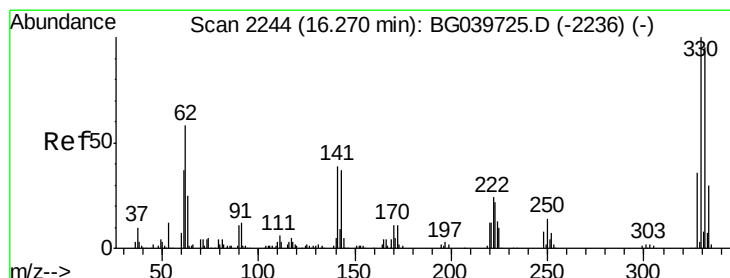
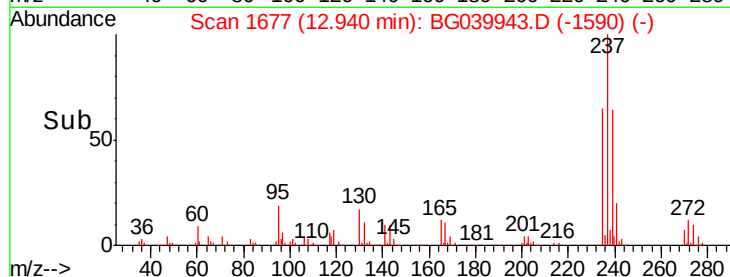
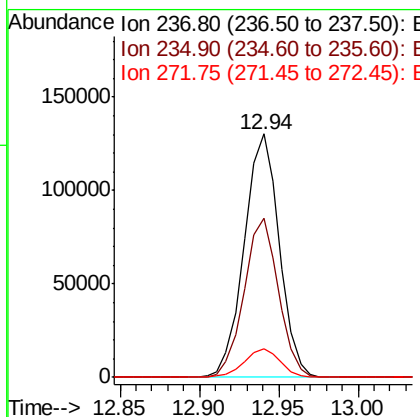
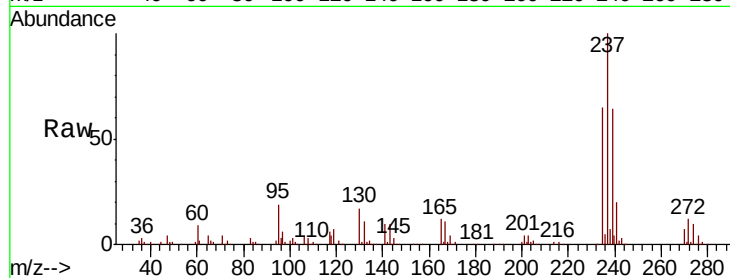
ClientSampleId :

PB117964BSD

Tot Ion:	237	Resp:	199621
Ion Ratio		Lower	Upper
237	100		
235	65.4	43.3	83.3
272	11.7	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 133.644 ng

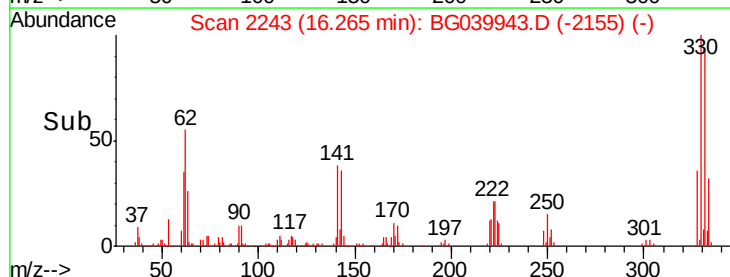
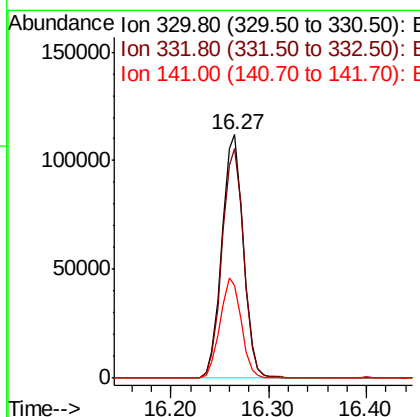
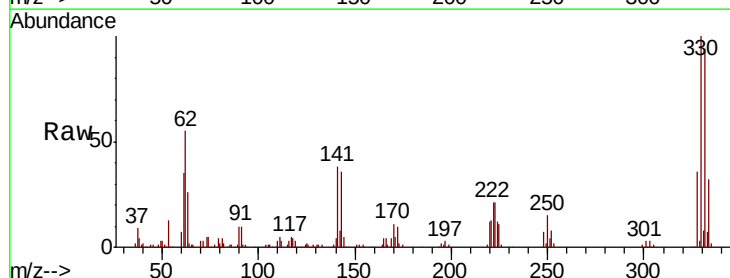
RT: 16.27 min Scan# 2243

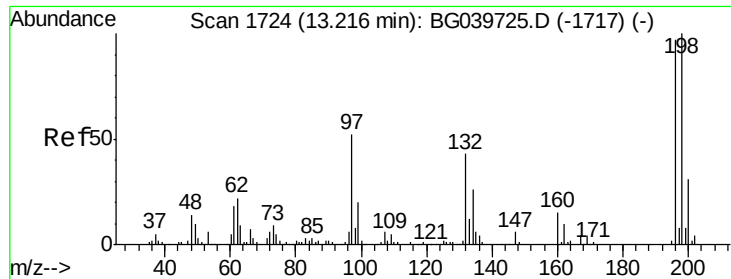
Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	330	Resp:	170574
Ion Ratio		Lower	Upper
330	100		
332	95.3	75.7	113.5
141	40.7	35.6	53.4





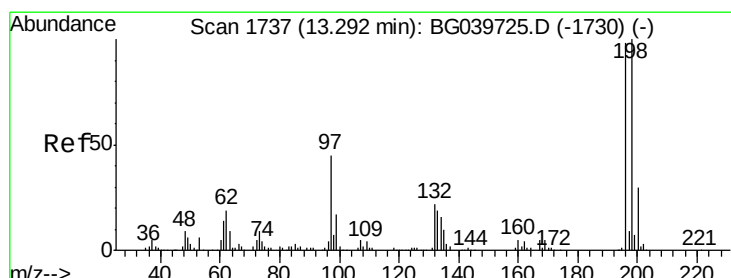
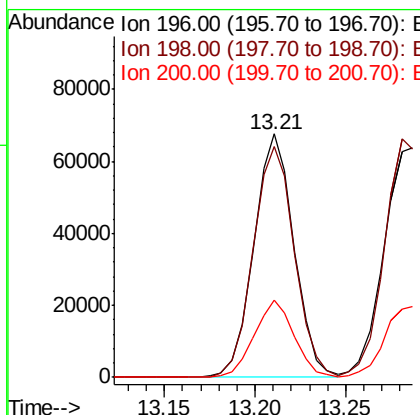
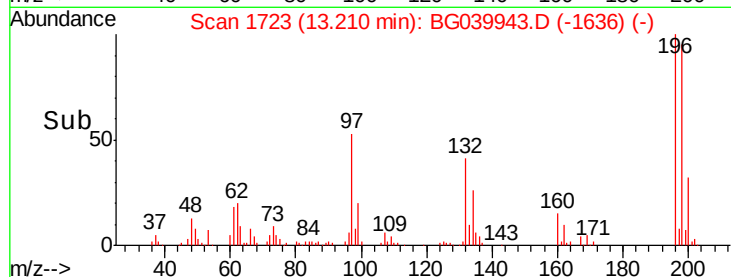
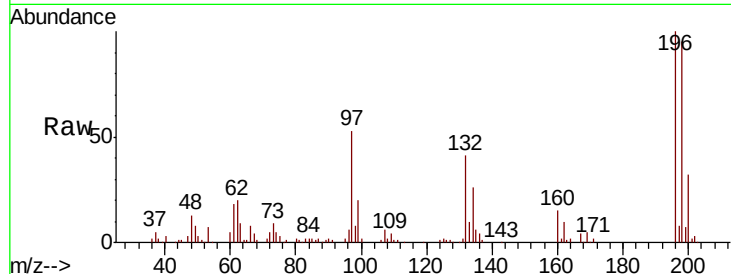
#43
 2,4,6-Trichlorophenol
 Concen: 48.062 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104383		
198	94.9	80.6	121.0	
200	31.5	26.1	39.1	

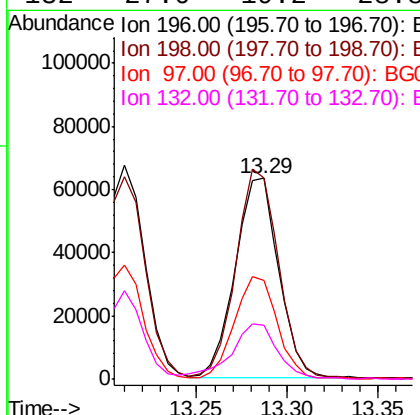
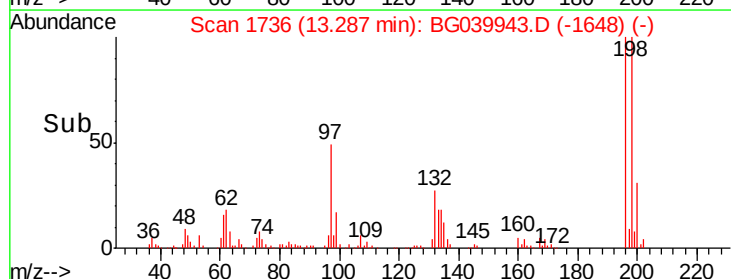
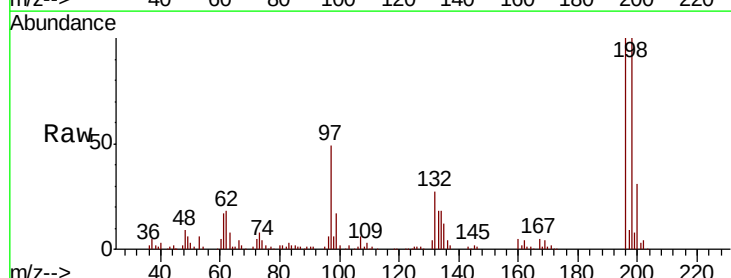
Manual Integrations
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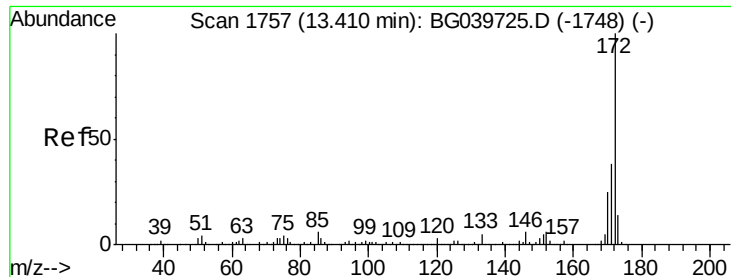
Sohil
 3/18/2019 3:02:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.183 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105713		
198	99.8	78.5	117.7	
97	49.0	38.4	57.6	
132	27.0	19.2	28.8	





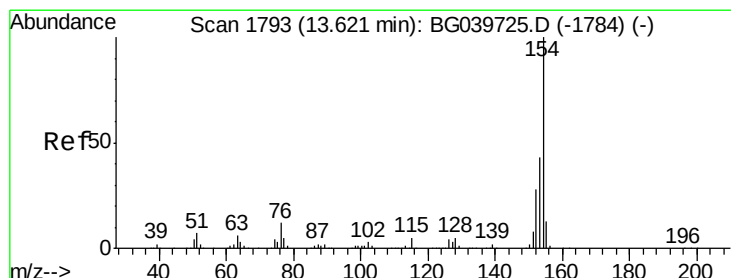
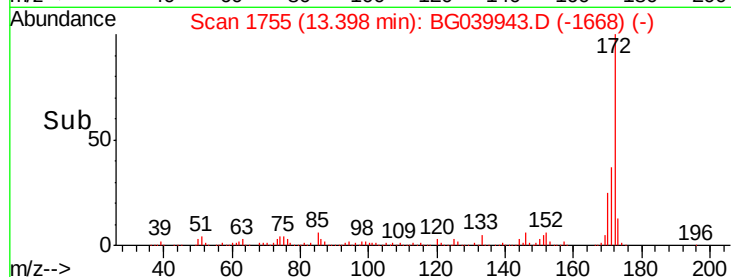
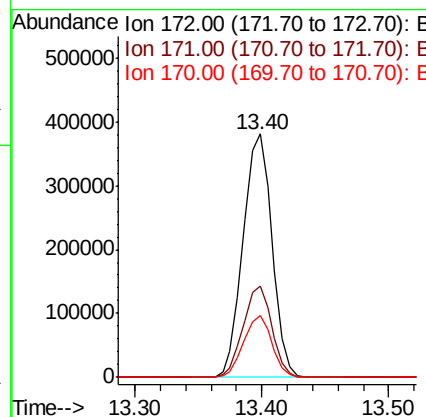
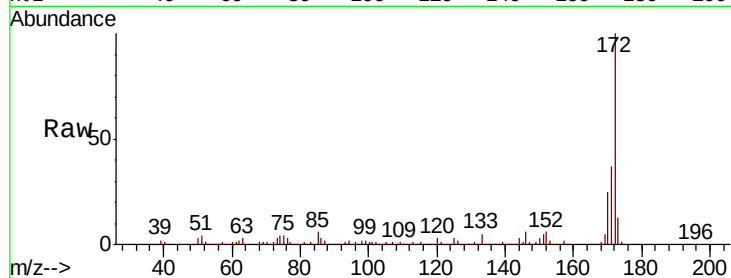
#45
2-Fluorobiphenyl
Concen: 78.057 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	600314		
171	37.4		30.8	46.2
170	25.3		20.2	30.4

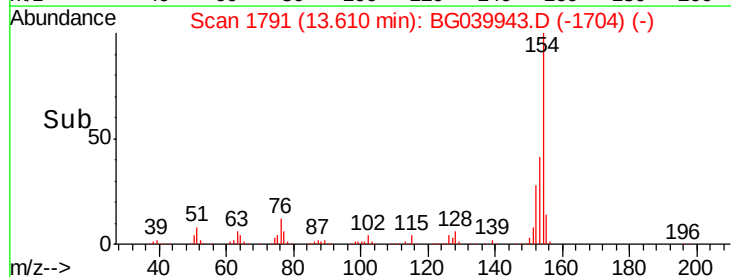
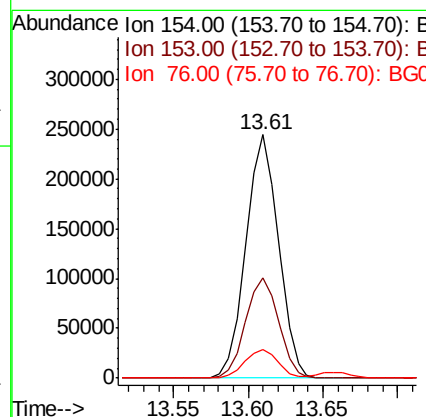
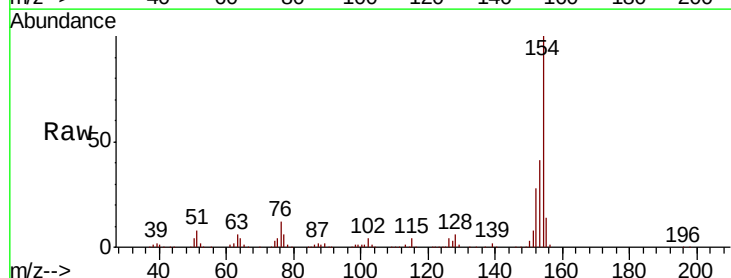
Manual Integrations
APPROVED

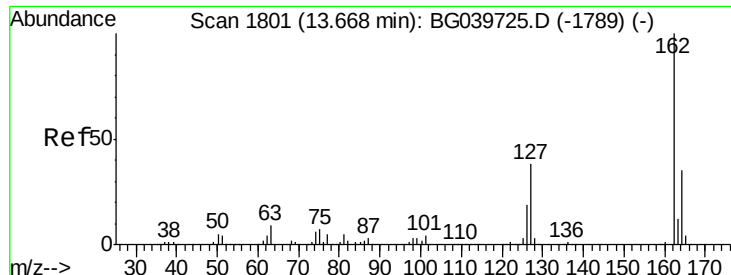
Sohil
3/18/2019 3:02:41 PM



#46
1,1'-Biphenyl
Concen: 40.962 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	368923		
153	41.4		22.1	62.1
76	11.6		0.0	32.4





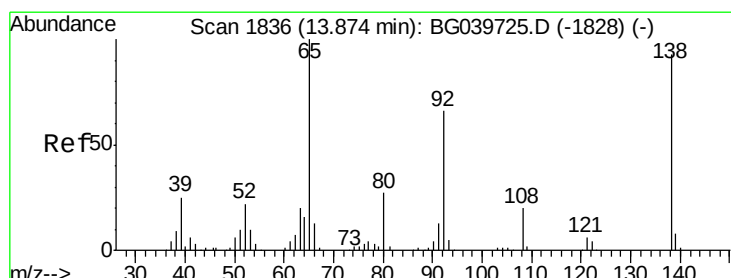
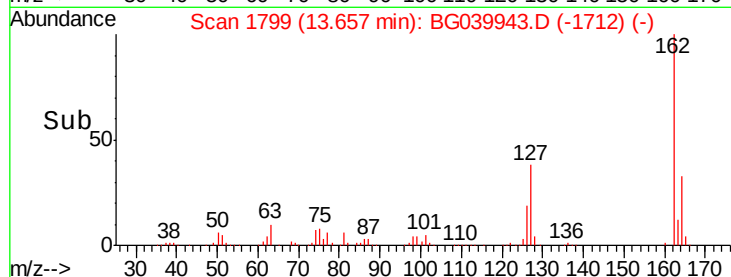
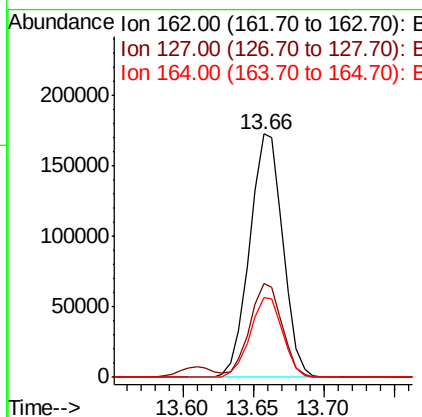
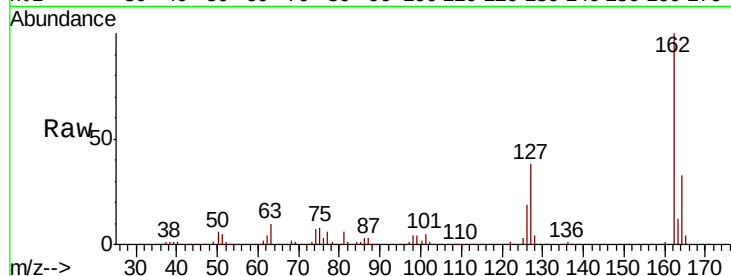
#47
 2-Chloronaphthalene
 Concen: 42.145 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.6
164	33.0	25.7	38.5

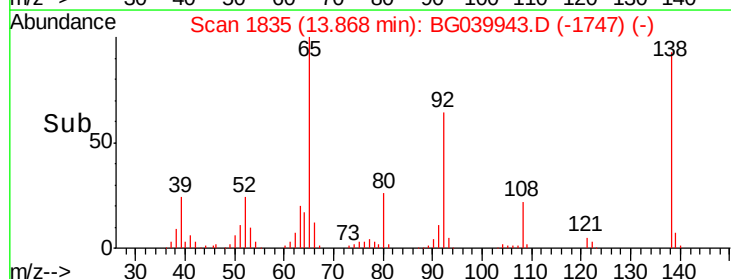
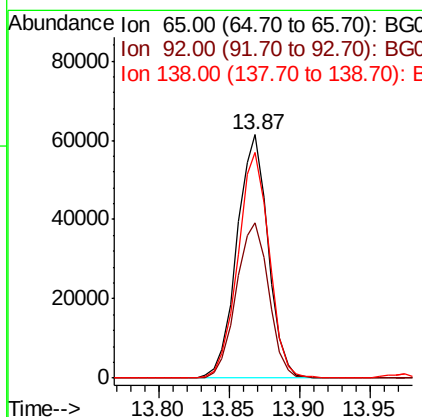
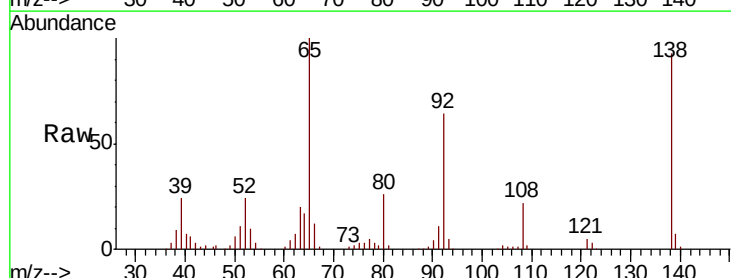
Manual Integrations
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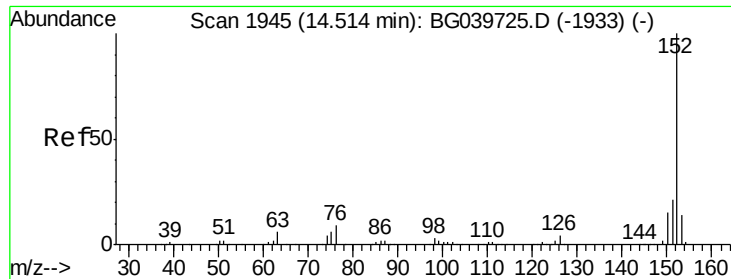
Sohil
 3/18/2019 3:02:41 PM



#48
 2-Nitroaniline
 Concen: 43.433 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	51.4	77.2
138	92.6	71.4	107.2





#49

Acenaphthylene

Concen: 40.097 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

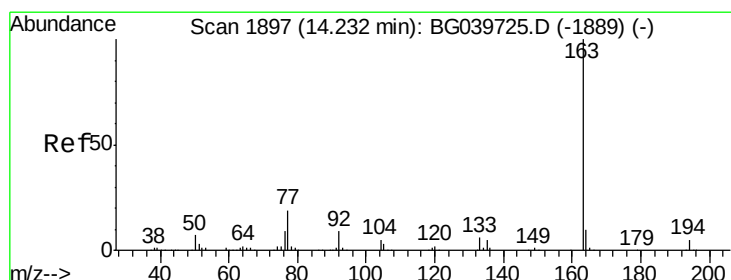
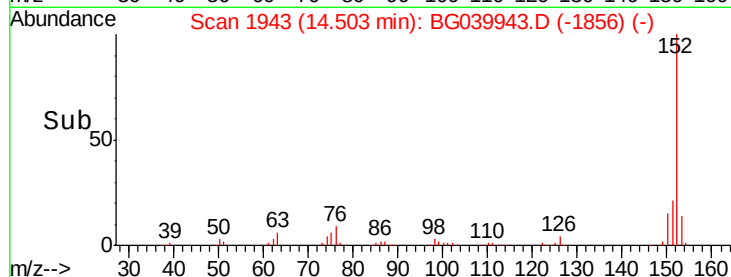
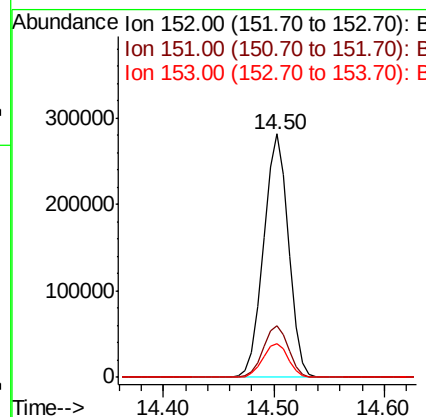
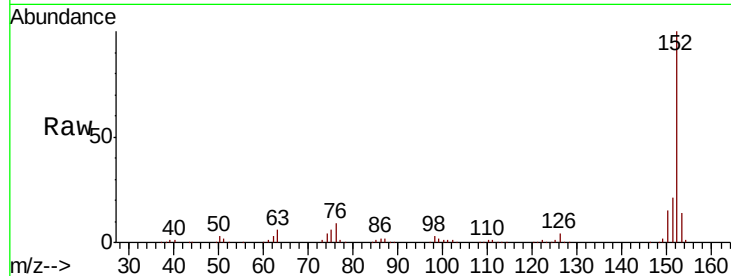
ClientSampleId :

PB117964BSD

Tot Ion:	152	Resp:	445980
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.244 ng

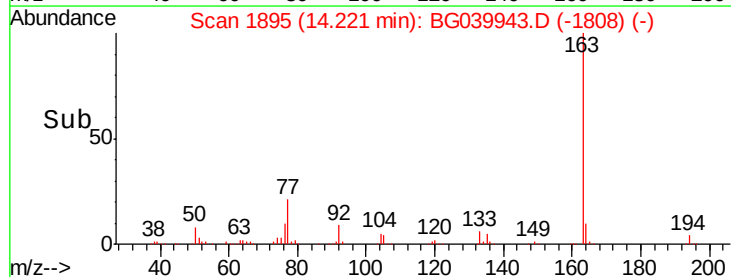
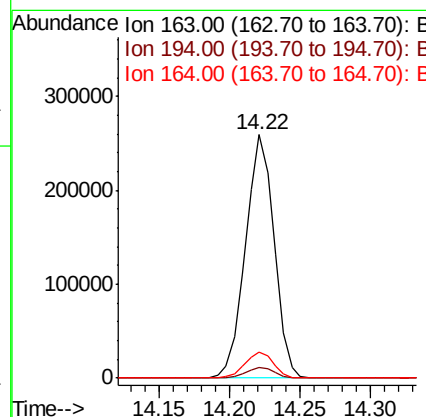
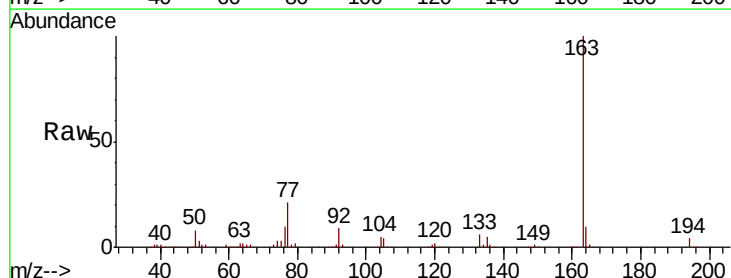
RT: 14.22 min Scan# 1895

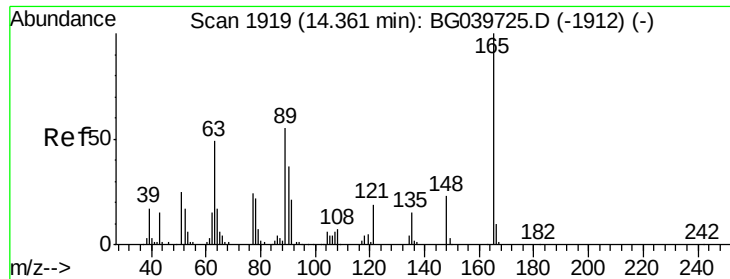
Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	163	Resp:	368493
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.5	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 41.537 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

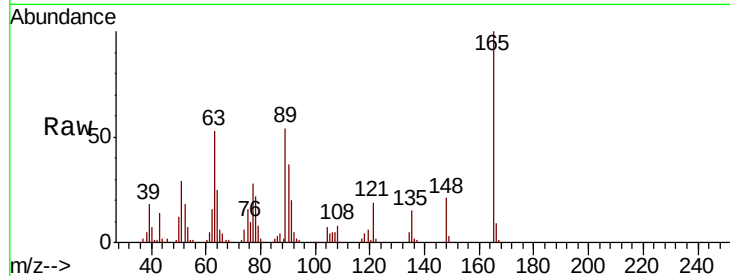
PB117964BSD

Tot Ion:165 Resp: 80628
Ion Ratio Lower Upper

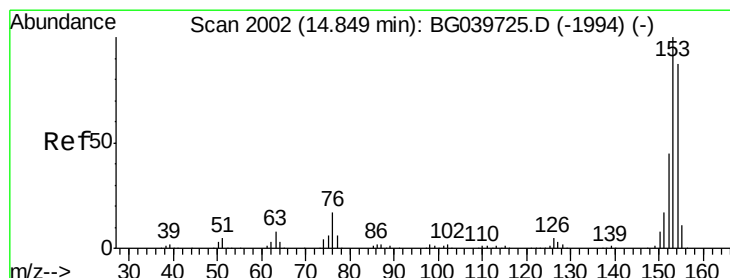
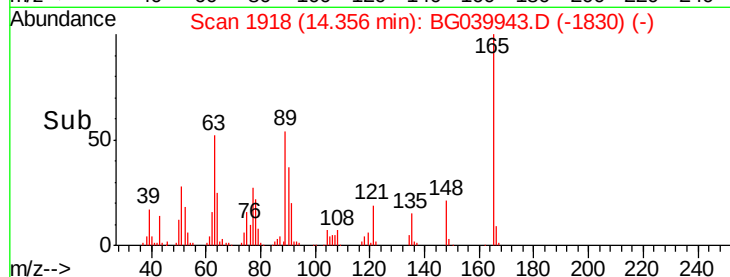
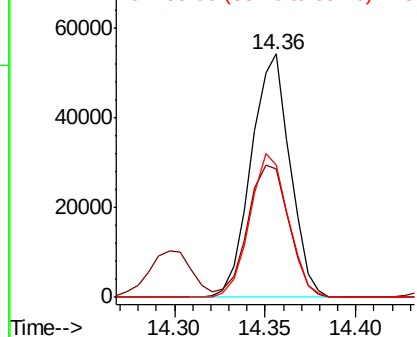
165	100		
63	52.9	47.0	70.6
89	54.4	45.8	68.8

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



#52

Acenaphthene

Concen: 40.511 ng

RT: 14.84 min Scan# 2000

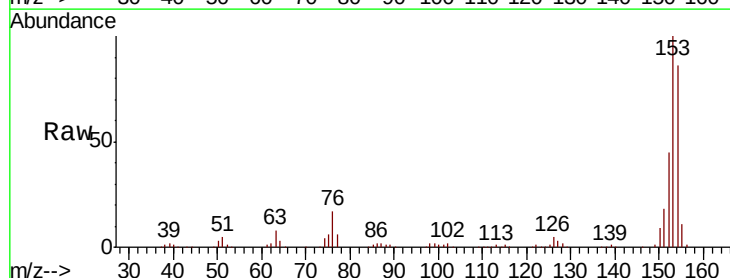
Delta R.T. -0.02 min

Lab File: BG039943.D

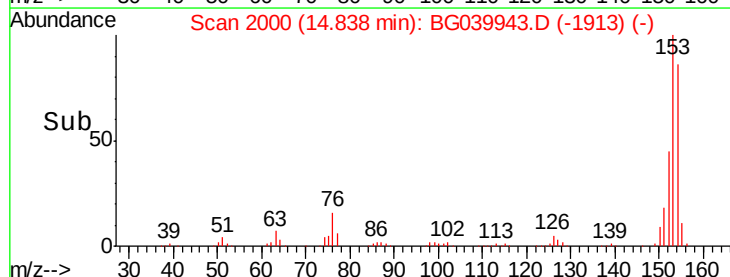
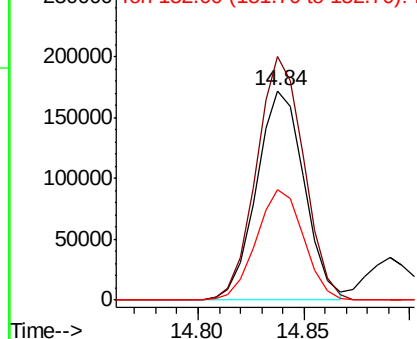
Acq: 15 Mar 2019 16:10

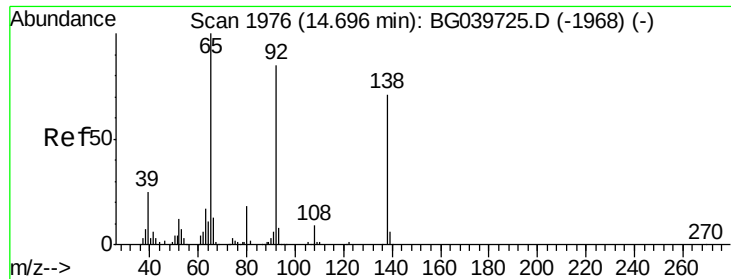
Tgt Ion:154 Resp: 271195
Ion Ratio Lower Upper

154	100		
153	116.2	90.1	135.1
152	52.6	40.9	61.3



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





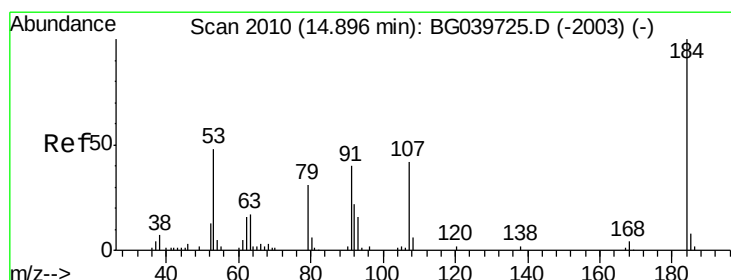
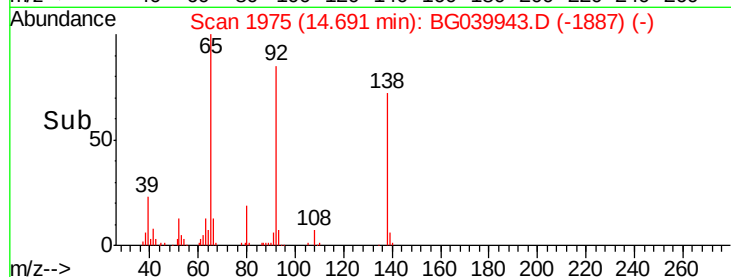
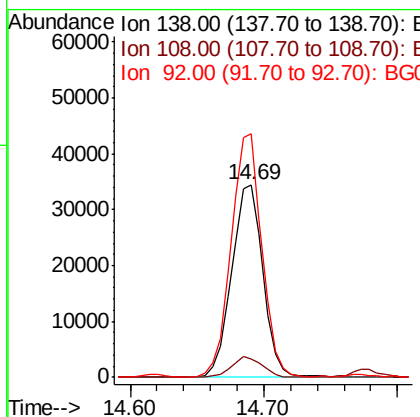
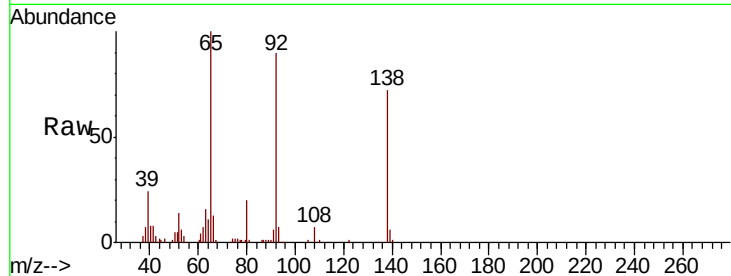
#53
3-Nitroaniline
Concen: 28.709 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	13.8	20.8#
92	126.2	103.7	155.5

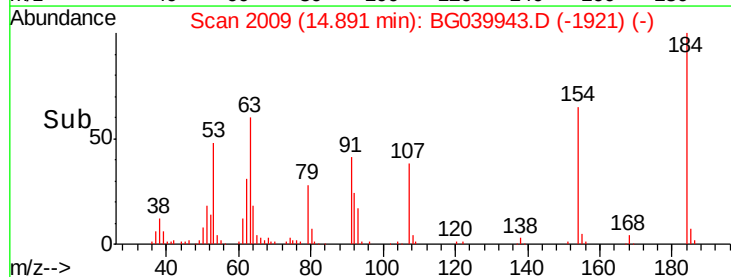
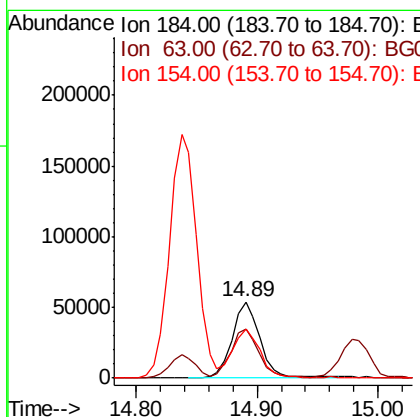
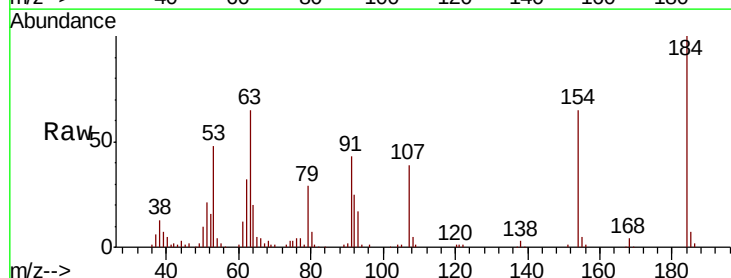
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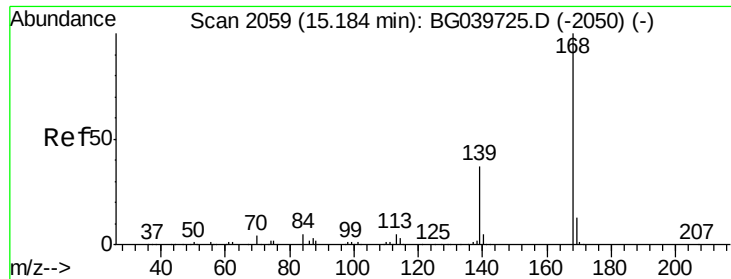
Sohil
3/18/2019 3:02:41 PM



#54
2,4-Dinitrophenol
Concen: 71.533 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	50.9	76.3
154	64.6	53.0	79.6





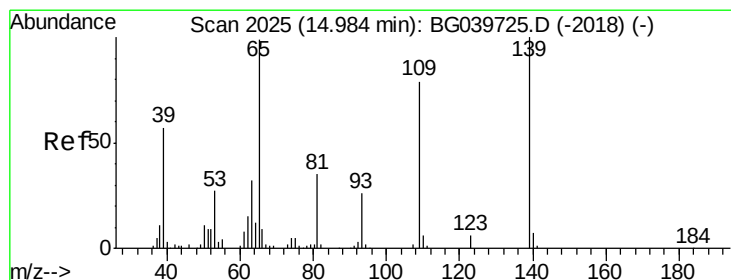
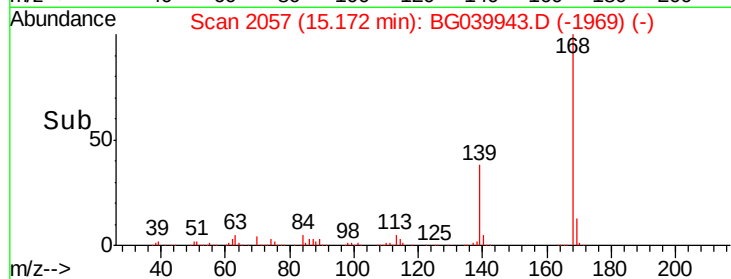
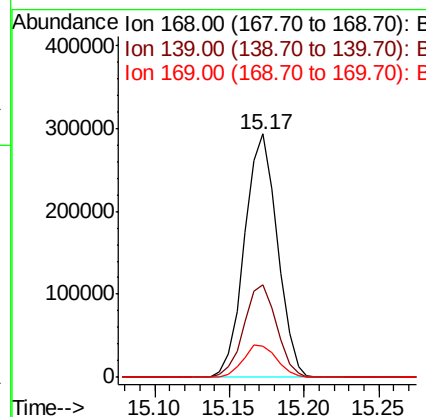
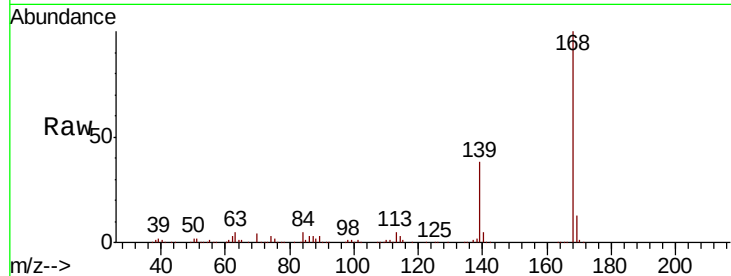
#55
Dibenzofuran
Concen: 40.629 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	12.7	10.6	16.0

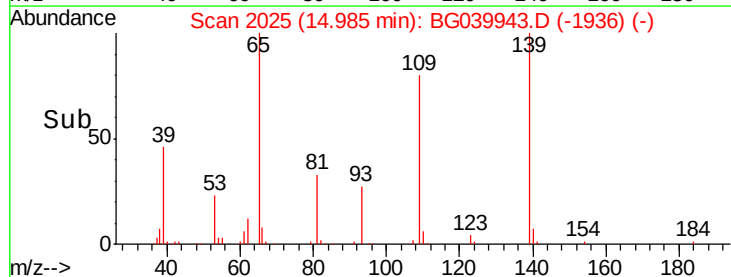
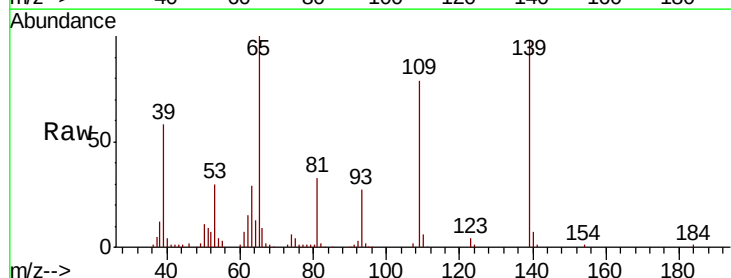
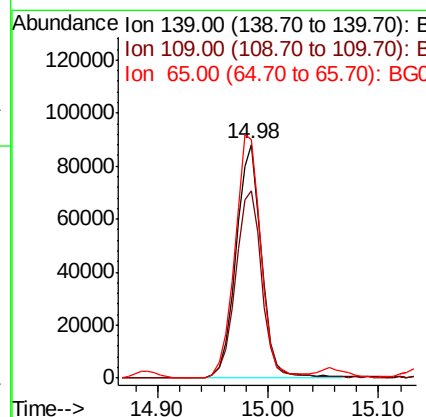
Manual Integrations
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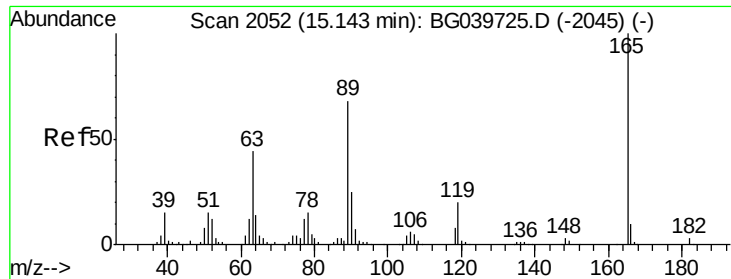
Sohil
3/18/2019 3:02:41 PM



#56
4-Nitrophenol
Concen: 81.838 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.4	61.9	101.9
65	102.1	99.1	139.1





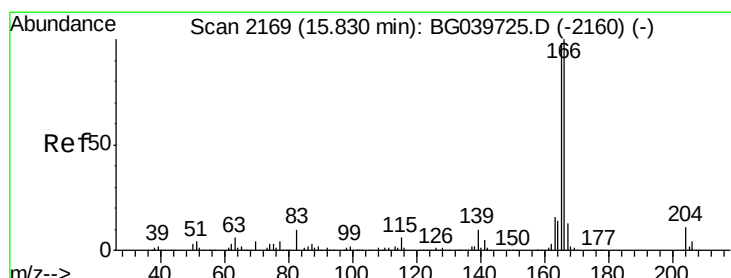
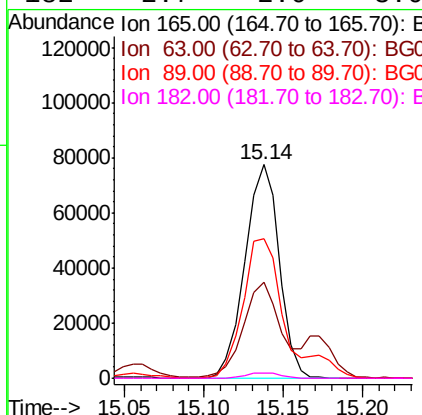
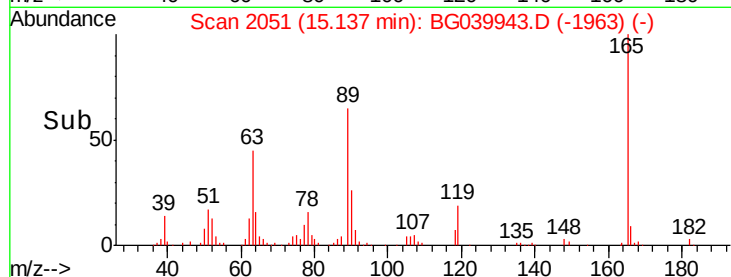
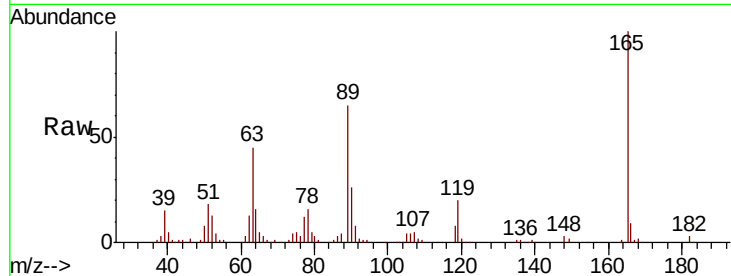
#57
2,4-Dinitrotoluene
Concen: 42.695 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	44.7		41.0	61.6	
89	65.4		64.6	96.8	
182	2.7		2.0	3.0	

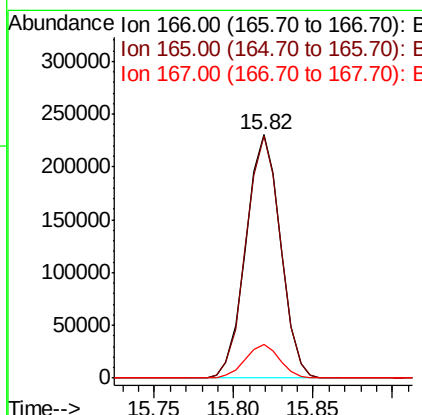
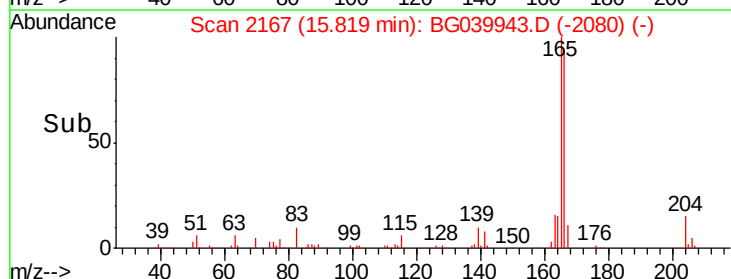
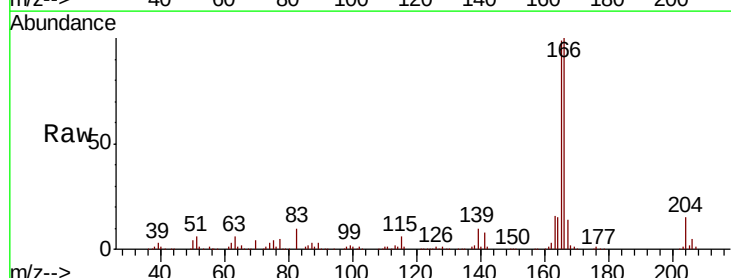
Manual Integrations
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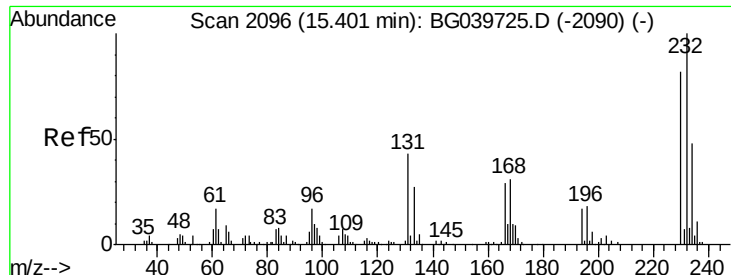
Sohil
3/18/2019 3:02:41 PM



#58
Fluorene
Concen: 40.416 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.4		77.9	116.9	
167	13.8		10.8	16.2	





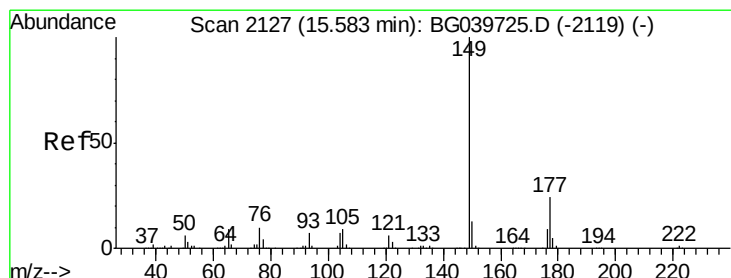
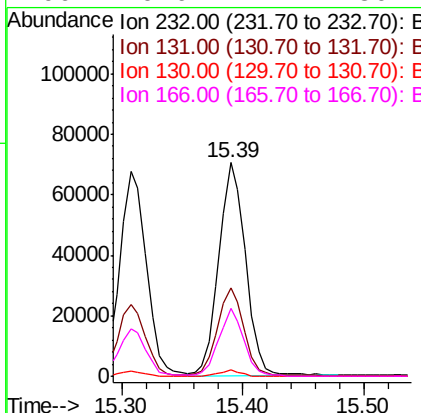
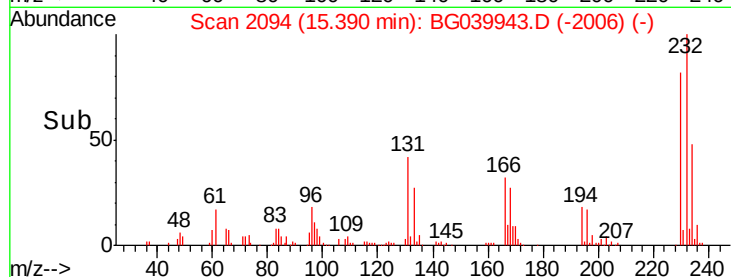
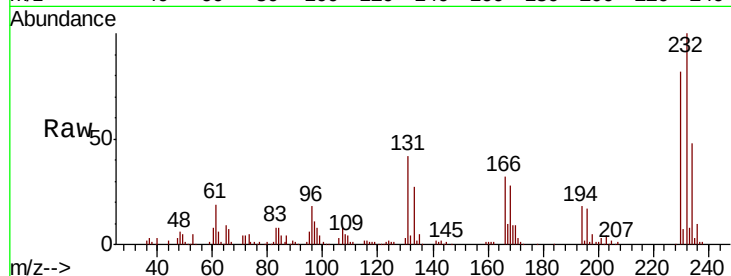
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.118 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.3	2.0	3.0
166	29.6	24.1	36.1

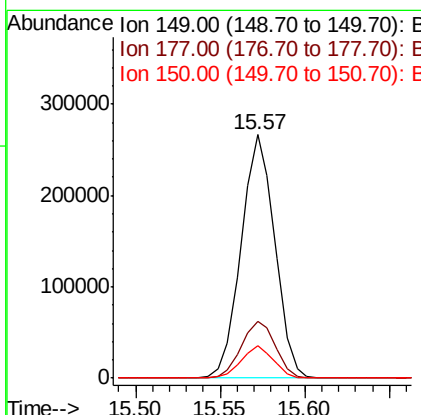
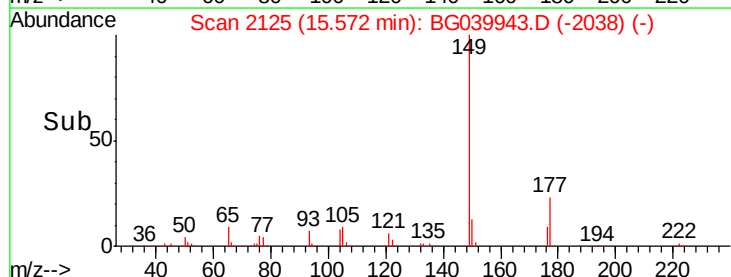
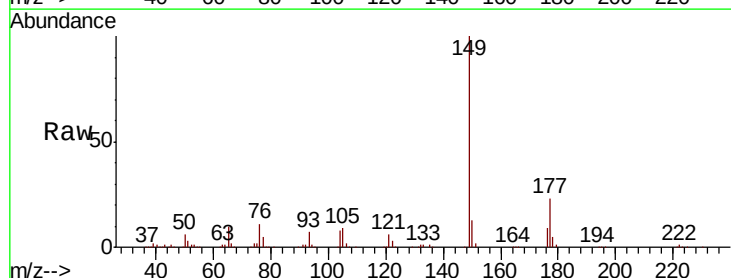
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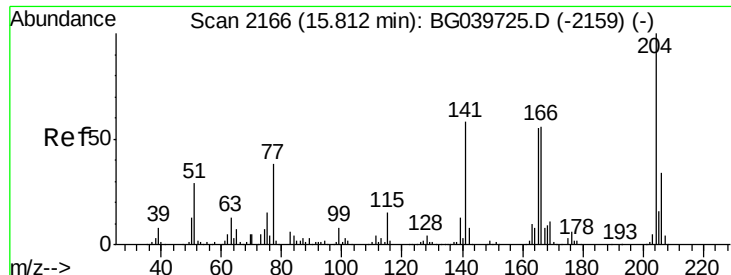
Sohil
3/18/2019 3:02:41 PM



#60
Diethylphthalate
Concen: 40.666 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.4	10.2	15.2





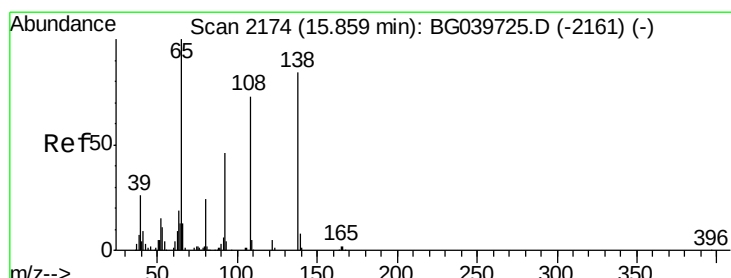
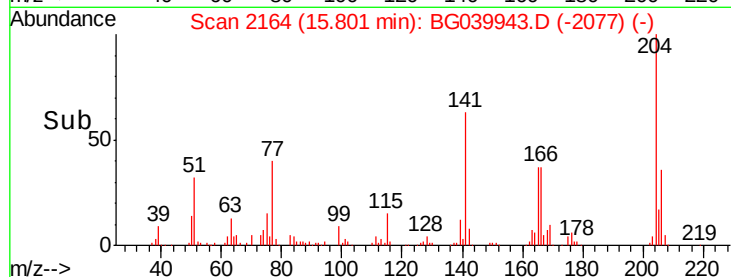
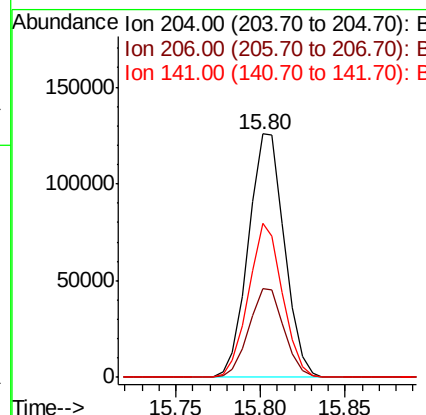
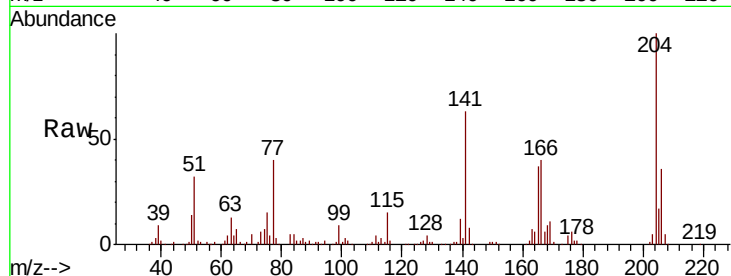
#61
4-Chlorophenyl-phenylether
Concen: 40.444 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.5	29.2	43.8
141	63.1	49.0	73.4

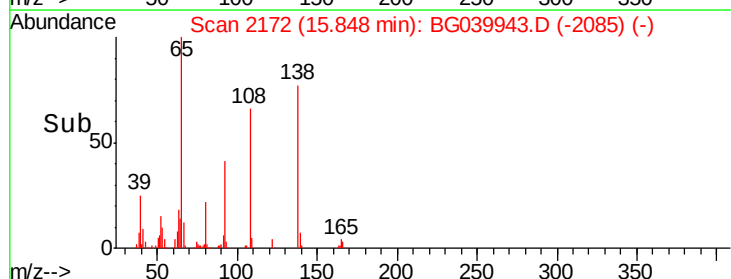
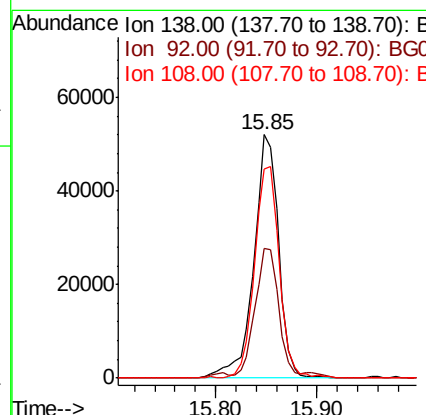
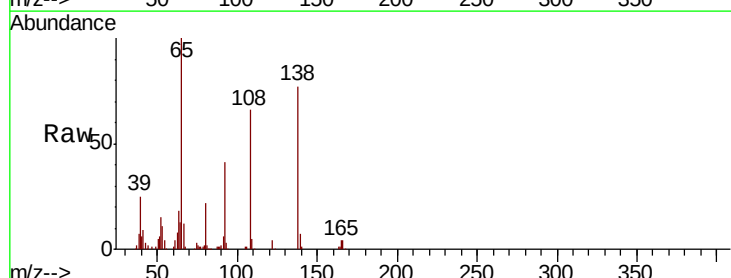
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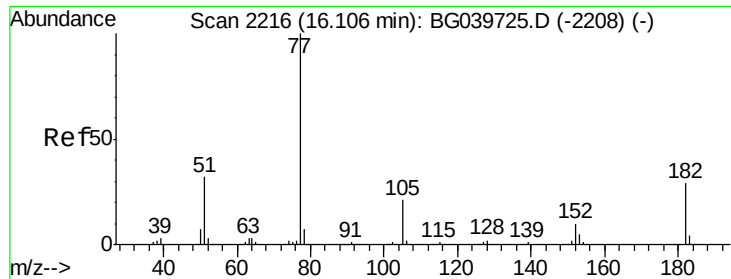
Sohil
3/18/2019 3:02:41 PM



#62
4-Nitroaniline
Concen: 41.725 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	38.7	78.7
108	85.7	74.6	114.6





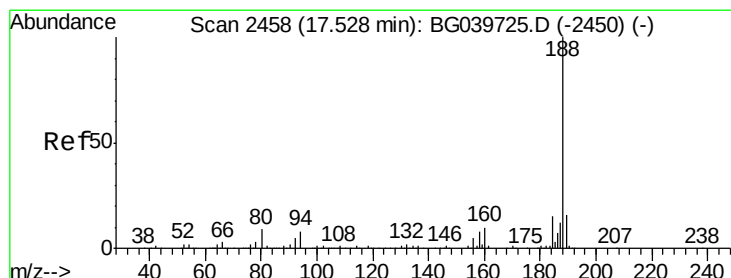
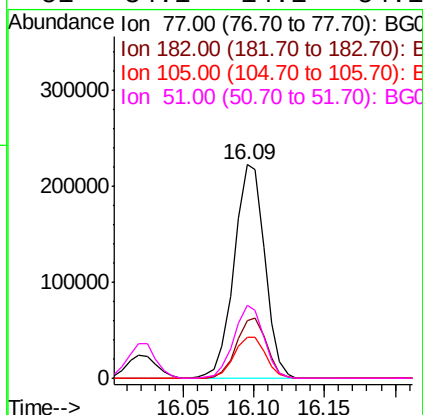
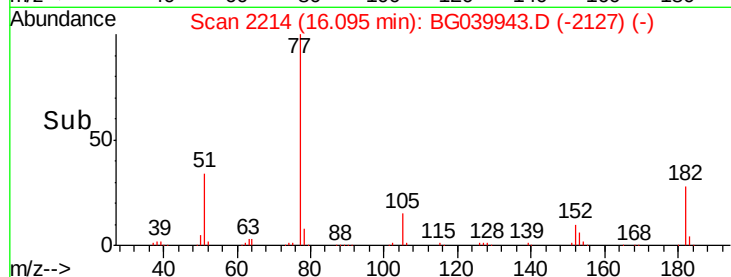
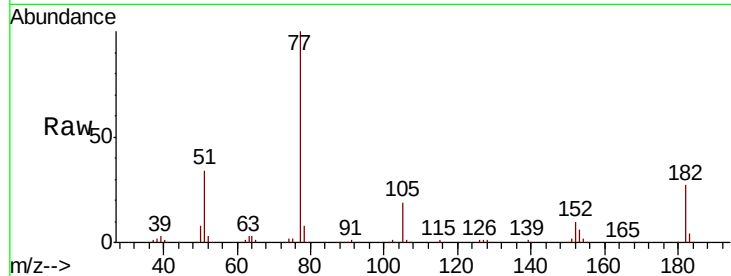
#63
Azobenzene
Concen: 41.010 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.4	46.4
105	19.4	0.0	39.8
51	34.1	14.1	54.1

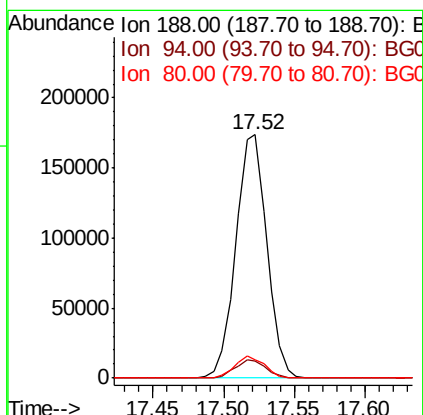
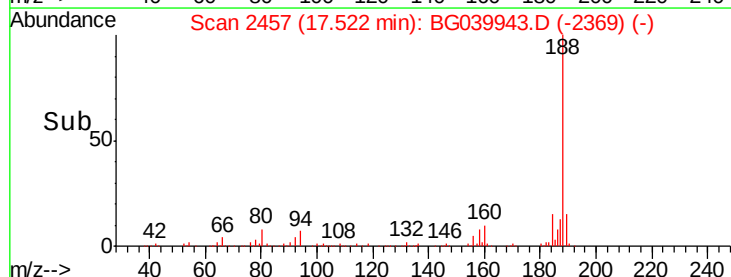
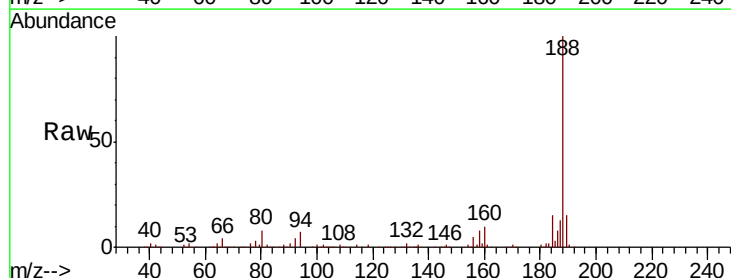
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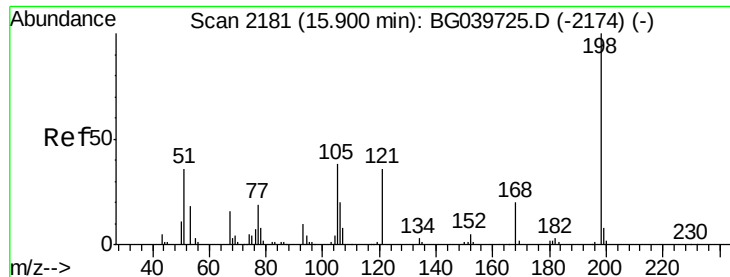
Sohil
3/18/2019 3:02:41 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.059 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampleId :

PB117964BSD

Tot Ion:198 Resp: 66263

Ion Ratio Lower Upper

198 100

51 44.9 27.4 67.4

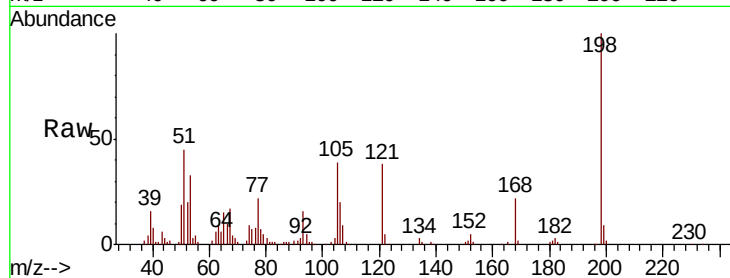
105 38.7 19.7 59.7

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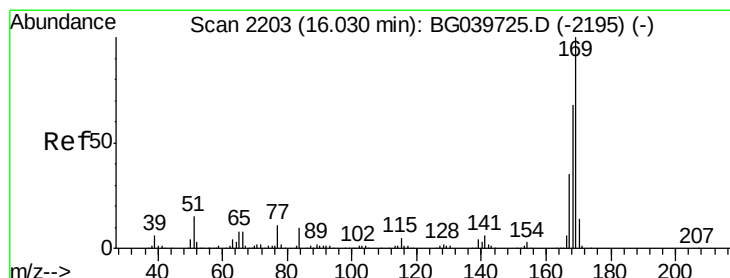
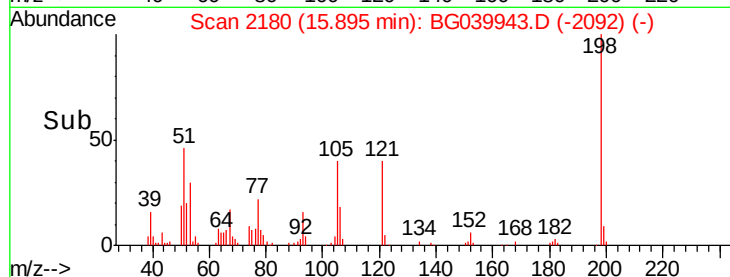
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039943.D (-2114) (-)

Ion 105.00 (104.70 to 105.70): E

15.90

Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.337 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

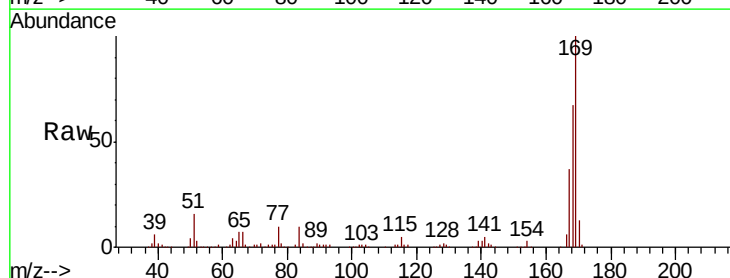
Tgt Ion:169 Resp: 318879

Ion Ratio Lower Upper

169 100

168 67.4 56.6 85.0

167 36.6 28.8 43.2



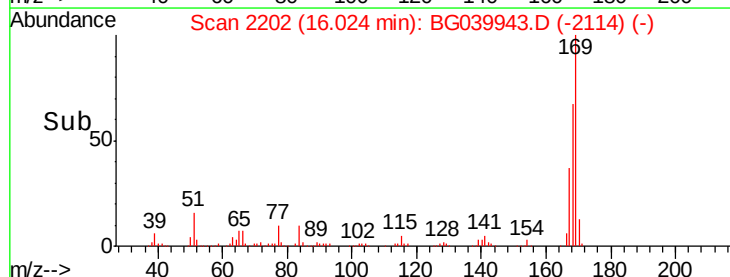
Abundance Ion 169.00 (168.70 to 169.70): E

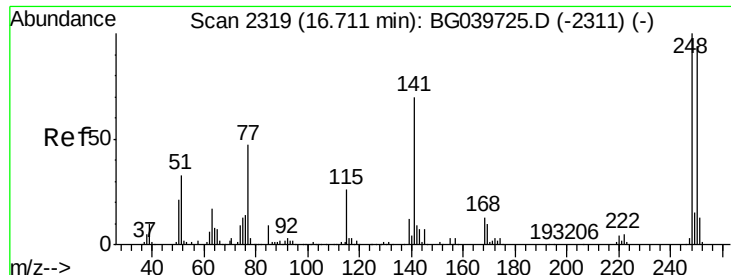
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

16.02

Time-->





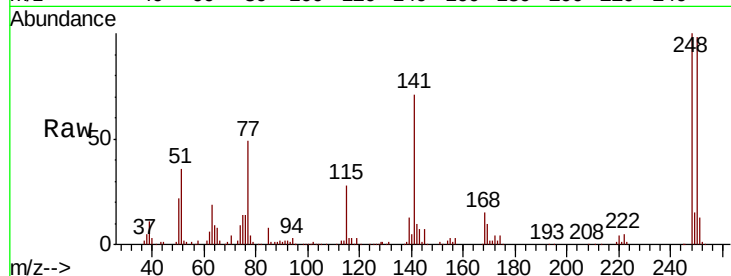
#67
4-Bromophenyl-phenylether
Concen: 41.443 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.6	116.4
141	70.6	63.9	95.9

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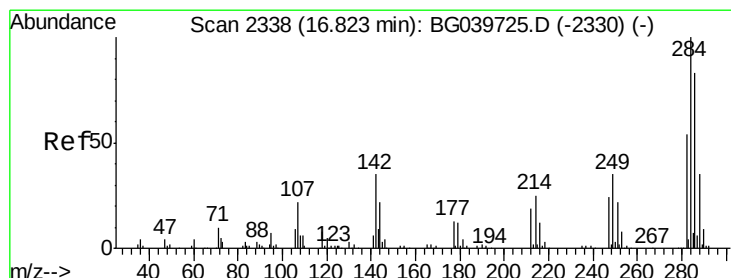
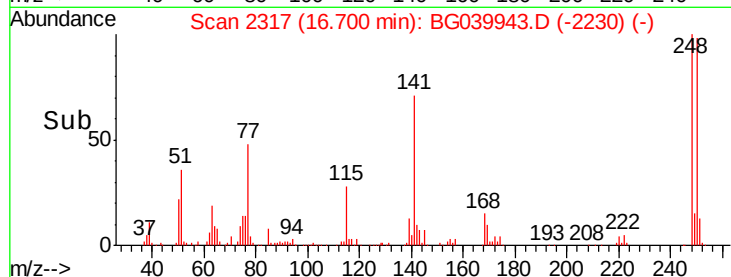
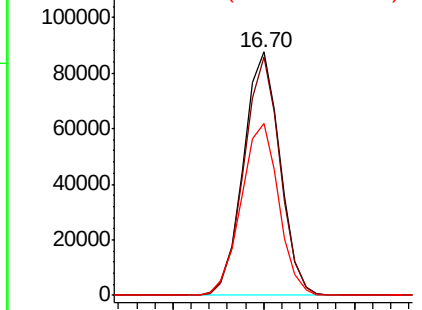


Abundance

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: 40.164 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

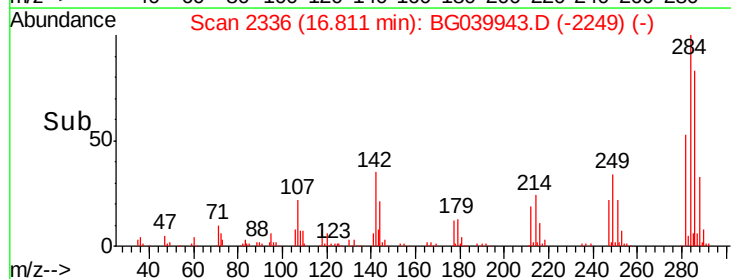
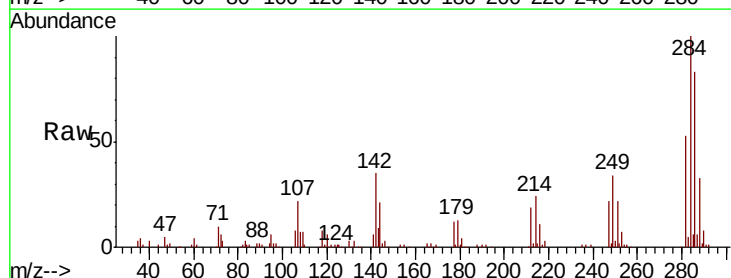
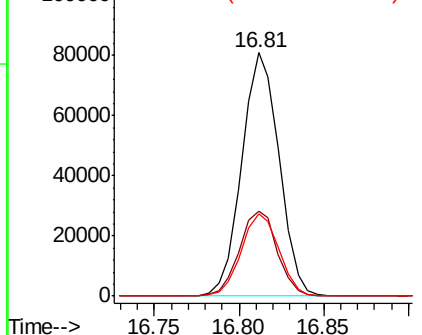
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	30.6	45.8
249	33.8	28.2	42.2

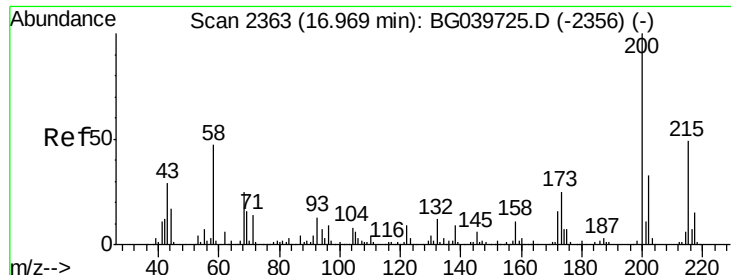
Abundance

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





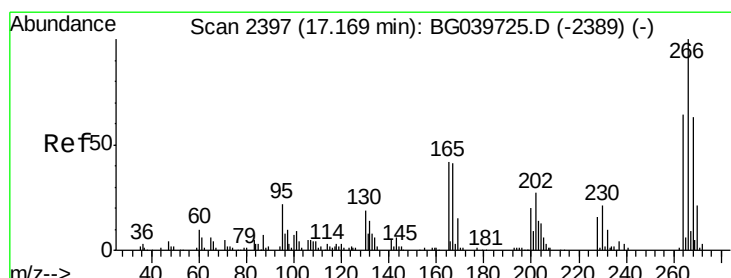
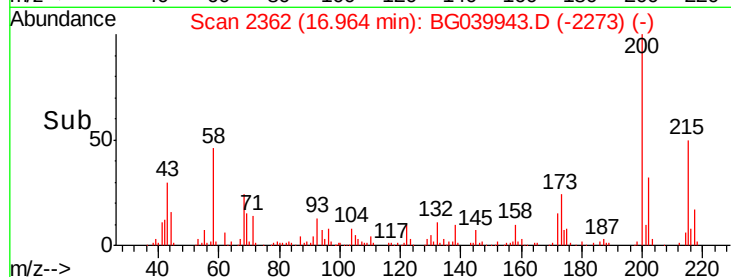
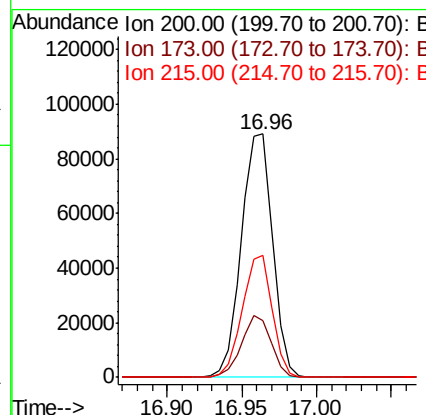
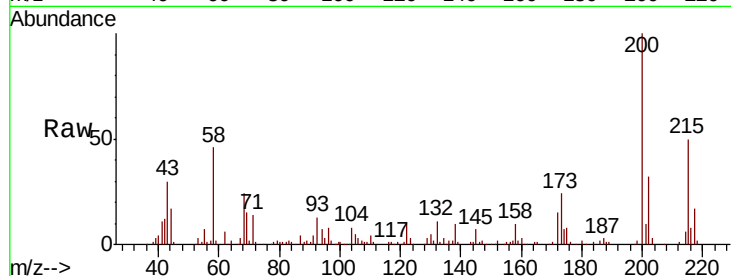
#69
 Atrazine
 Concen: 42.603 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.5	3.9	43.9
215	50.0	30.9	70.9

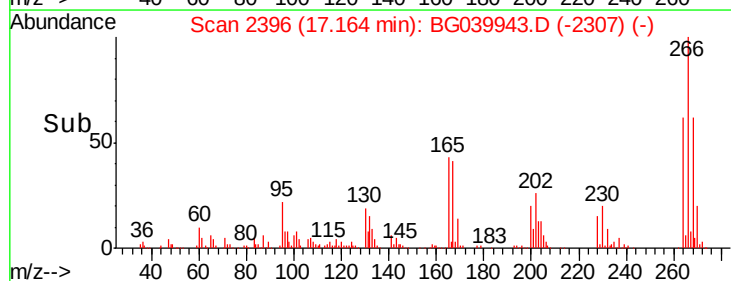
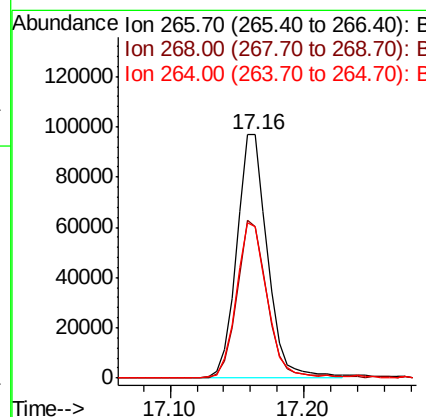
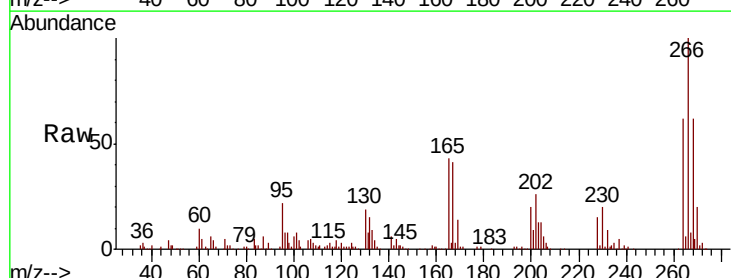
Manual Integrations
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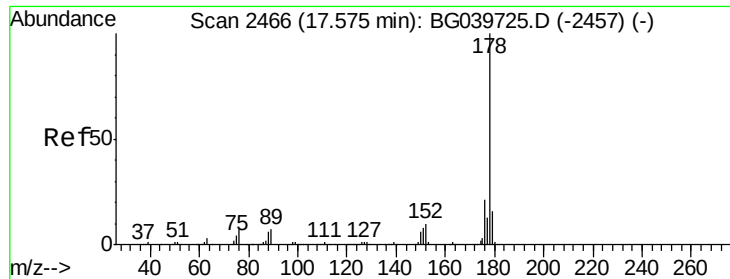
Sohil
 3/18/2019 3:02:41 PM



#70
 Pentachlorophenol
 Concen: 79.343 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039943.D
 Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.3	51.1	76.7
264	62.1	52.1	78.1





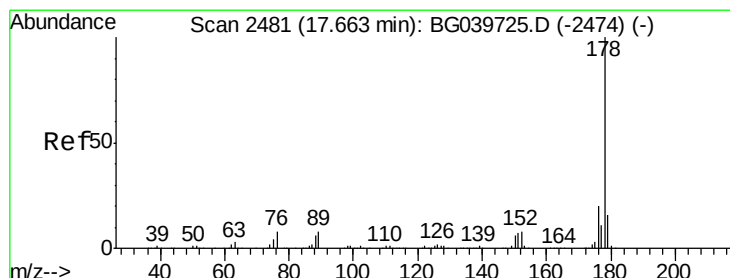
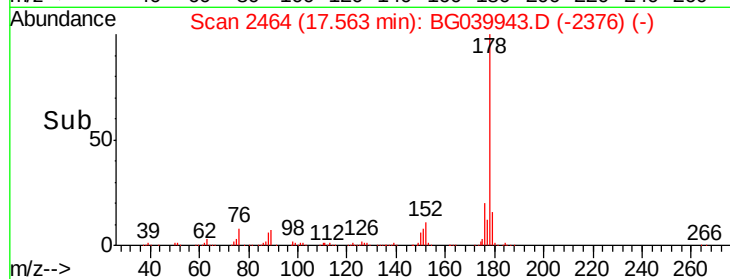
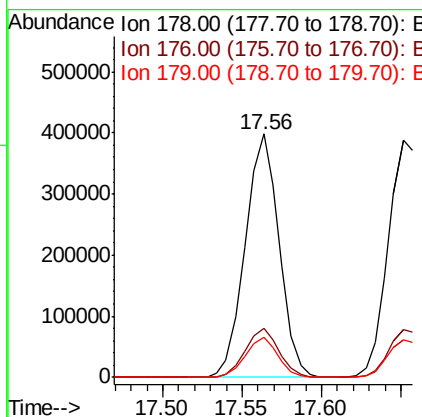
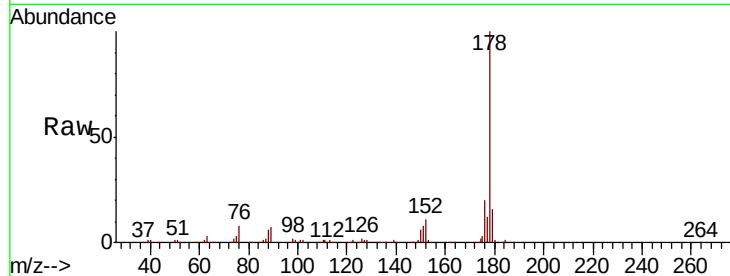
#71
Phenanthrene
Concen: 40.281 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

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

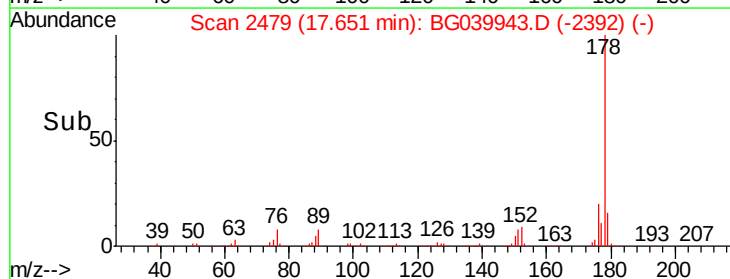
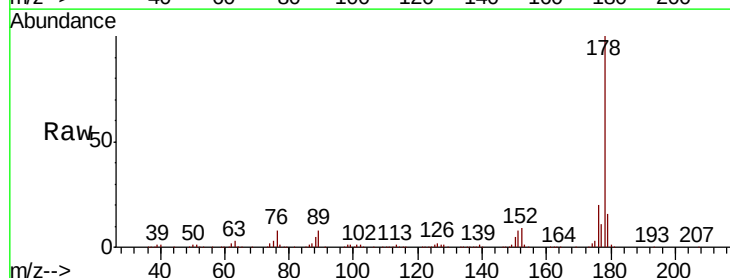
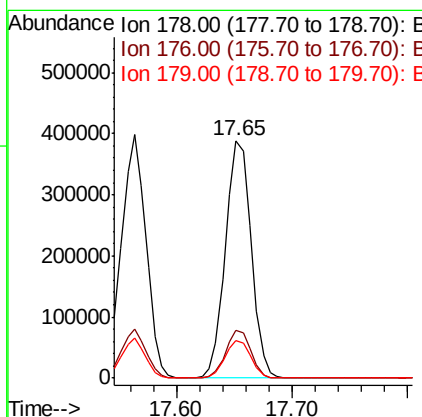
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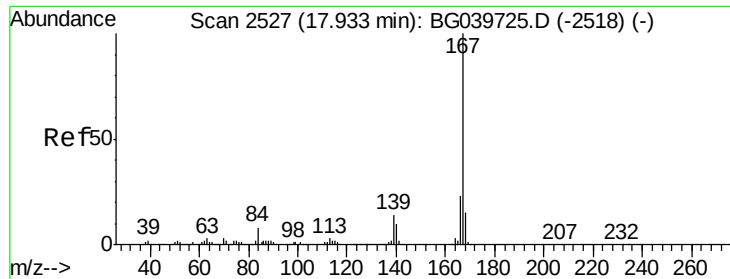
Sohil
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#72
Anthracene
Concen: 42.047 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.0	12.5	18.7





#73

Carbazole

Concen: 41.787 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

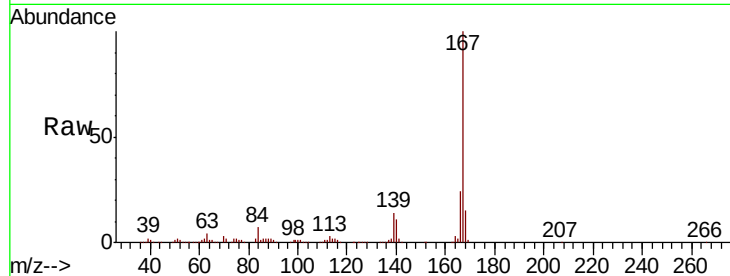
ClientSampleId :

PB117964BSD

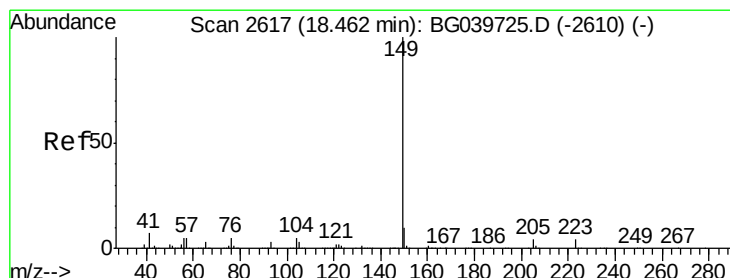
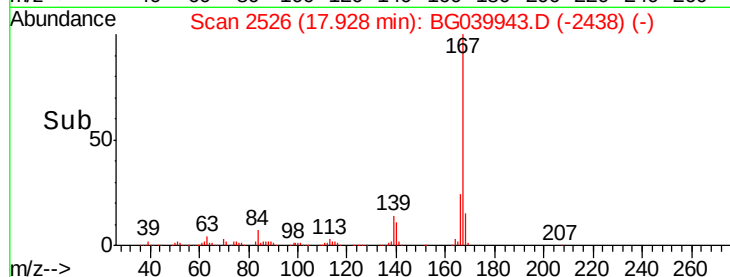
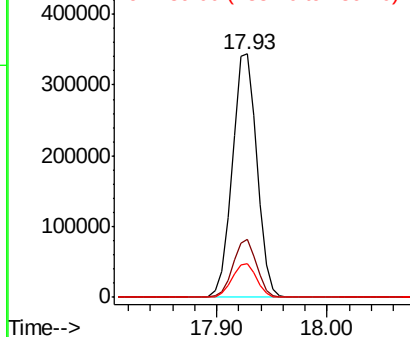
Tot Ion:	167	Resp:	538792
Ion Ratio	Lower	Upper	
167	100		
166	23.9	19.4	29.2
139	13.6	10.8	16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.195 ng

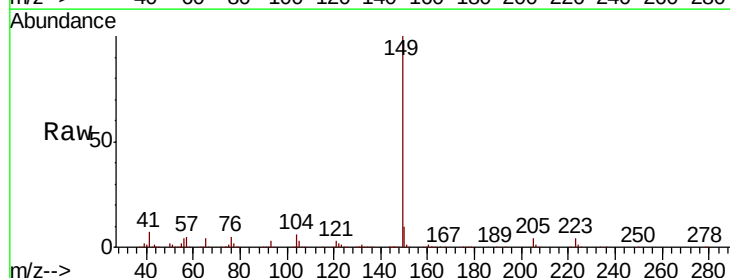
RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

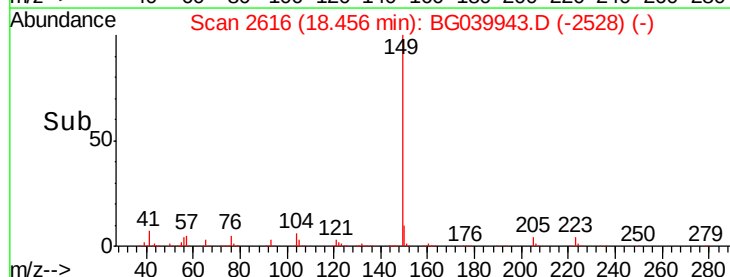
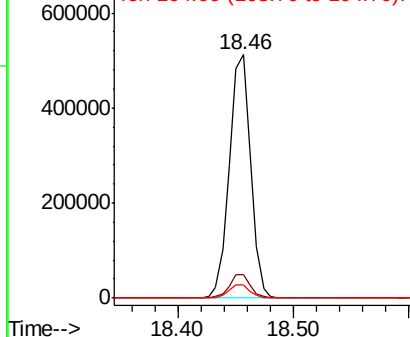
Lab File: BG039943.D

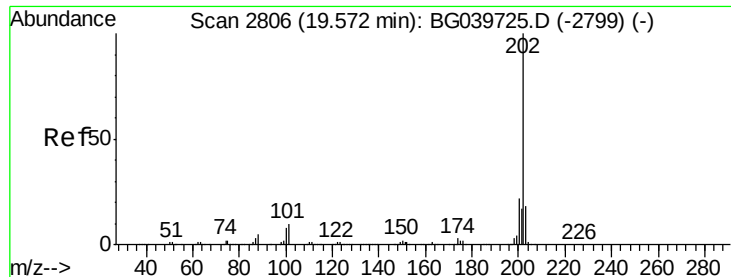
Acq: 15 Mar 2019 16:10

Tgt Ion:	149	Resp:	655291
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.5	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.459 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

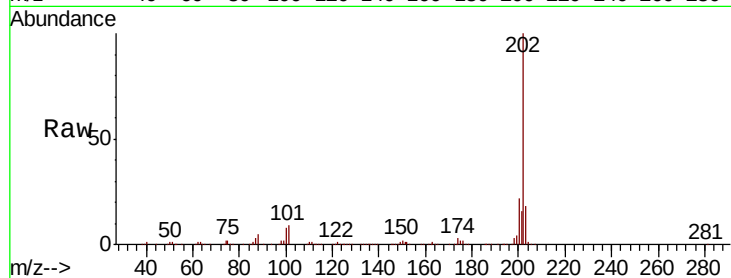
ClientSampleId :

PB117964BSD

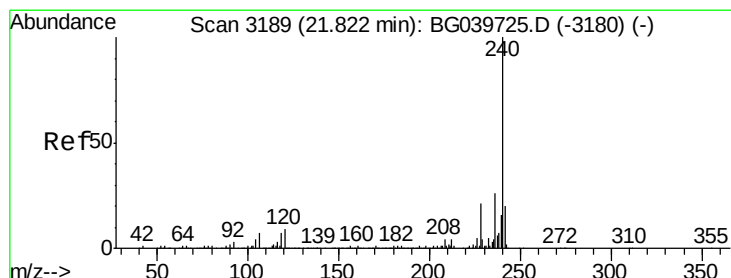
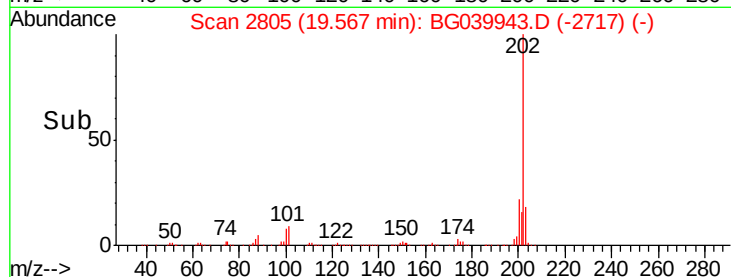
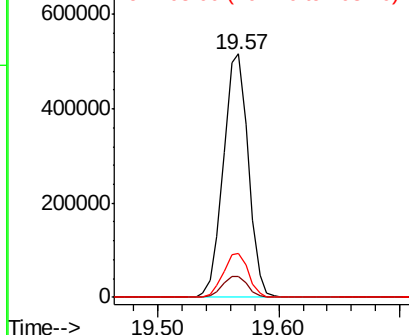
Tot Ion:	202	Resp:	736464
Ion Ratio		Lower	Upper
202	100		
101	8.5	0.0	30.0
203	17.9	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

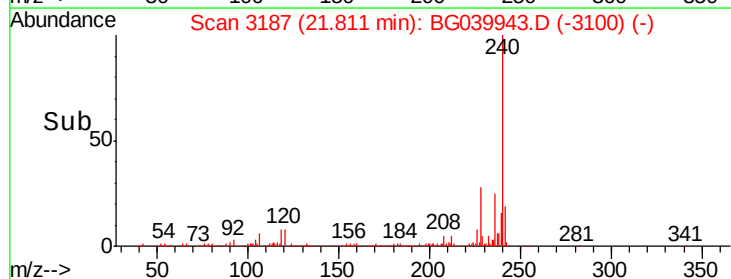
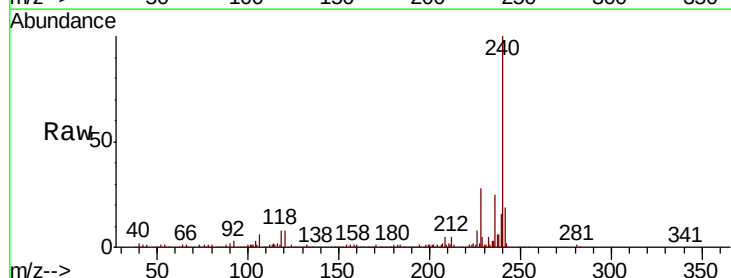
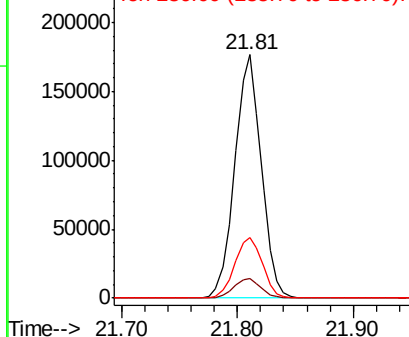
Delta R.T. -0.02 min

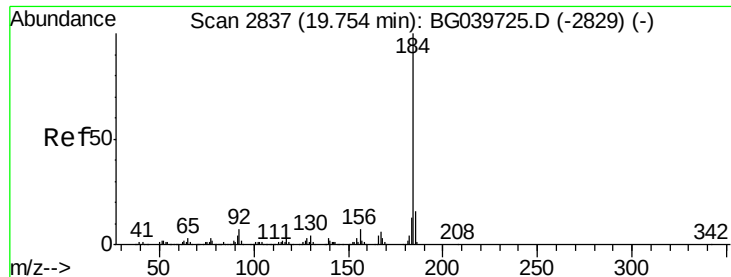
Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	240	Resp:	280208
Ion Ratio		Lower	Upper
240	100		
120	7.9	7.0	10.6
236	25.0	21.0	31.4

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





#77

Benzidine

Concen: 32.494 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

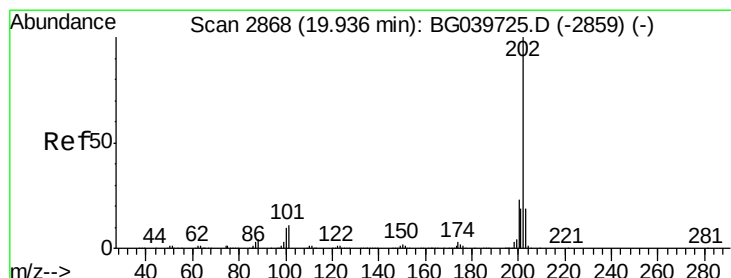
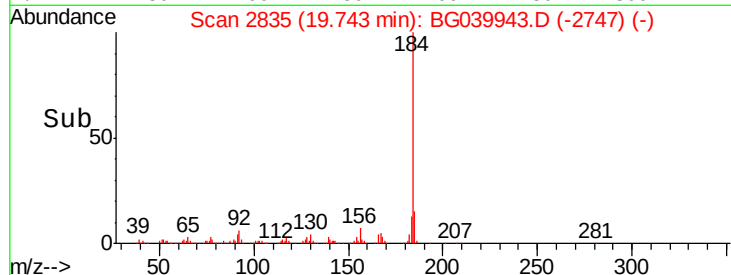
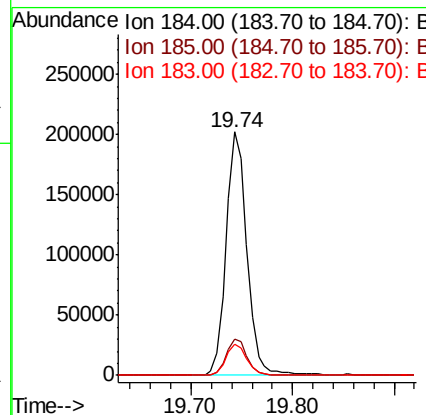
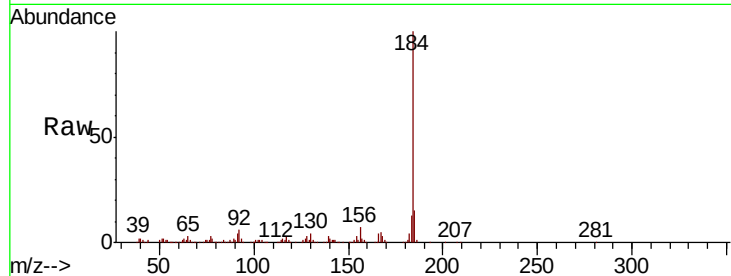
ClientSampleId :

PB117964BSD

Tot Ion:	184	Resp:	288933
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	12.8	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 40.594 ng

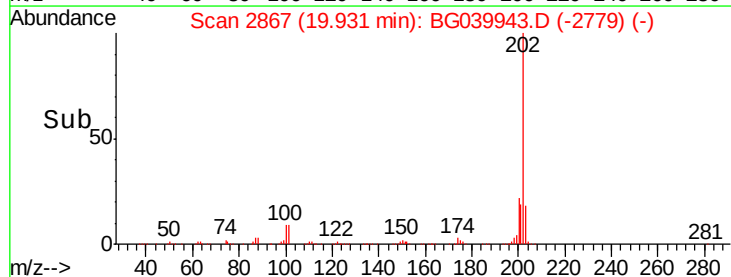
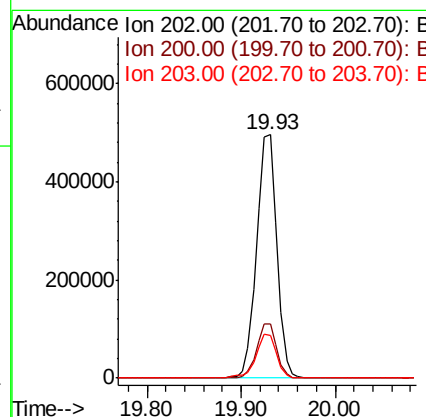
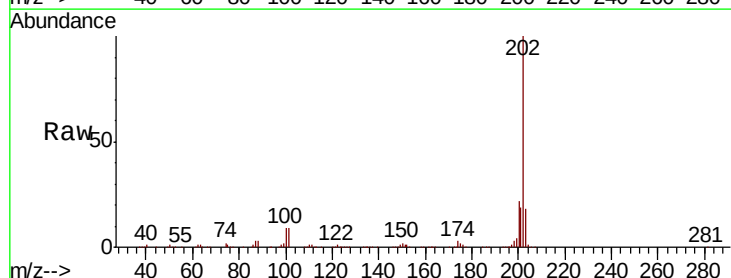
RT: 19.93 min Scan# 2867

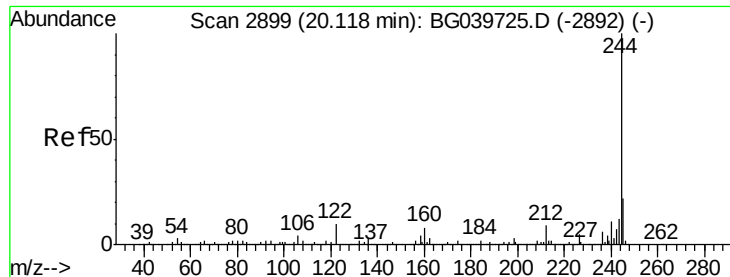
Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Tgt Ion:	202	Resp:	739146
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	17.8	15.3	22.9





#79

Terphenyl-d14

Concen: 79.057 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

Instrument :

BNA_G

ClientSampled :

PB117964BSD

Tot Ion:244 Resp: 1006107

Ion Ratio Lower Upper

244 100

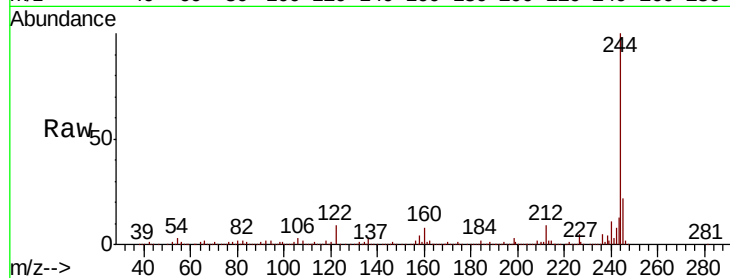
212 8.7 7.3 10.9

122 9.2 8.4 12.6

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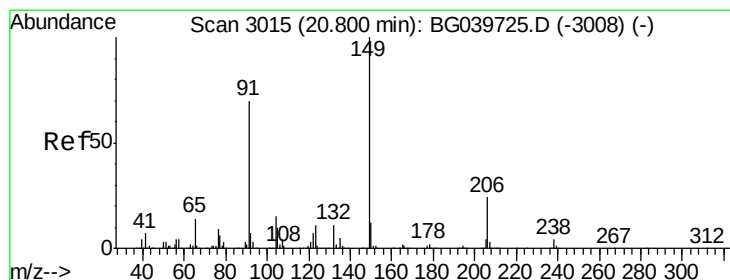
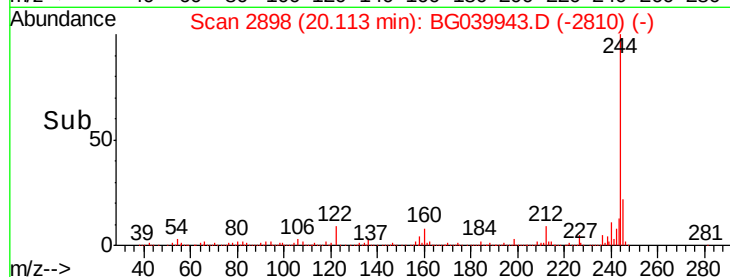
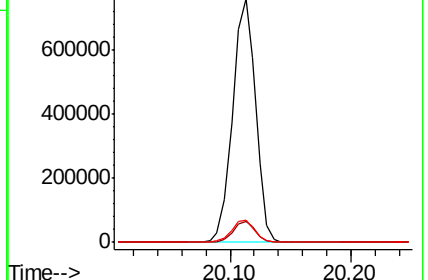
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.742 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039943.D

Acq: 15 Mar 2019 16:10

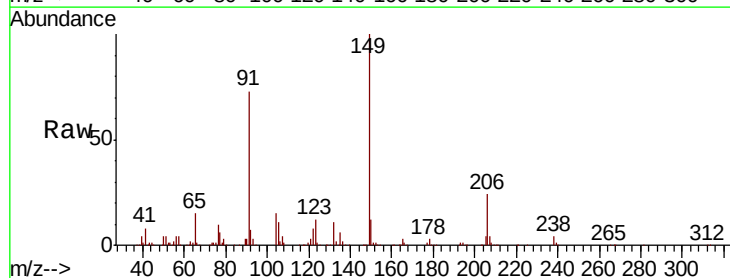
Tgt Ion:149 Resp: 308569

Ion Ratio Lower Upper

149 100

91 72.5 59.5 89.3

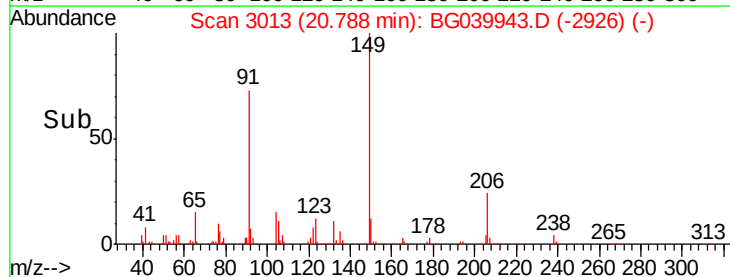
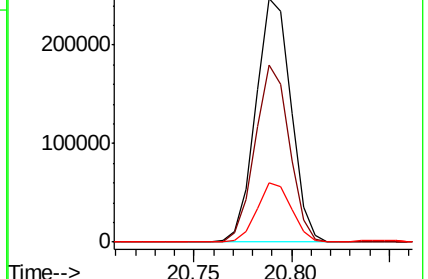
206 24.1 18.6 27.8

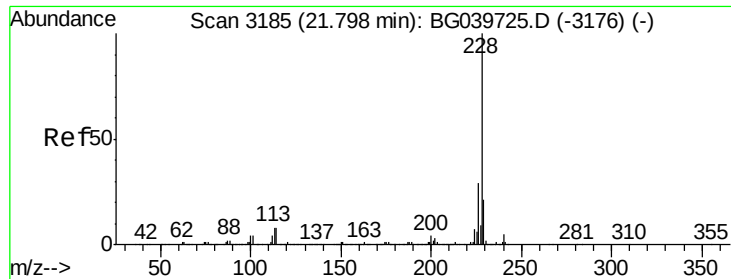


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





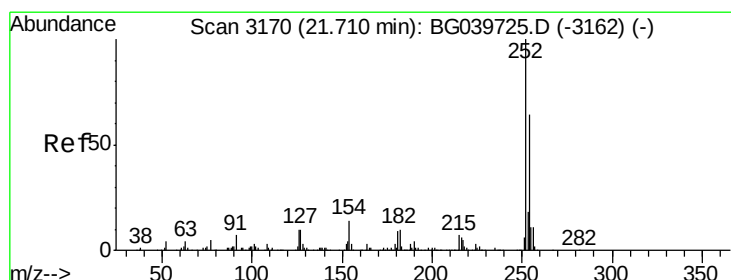
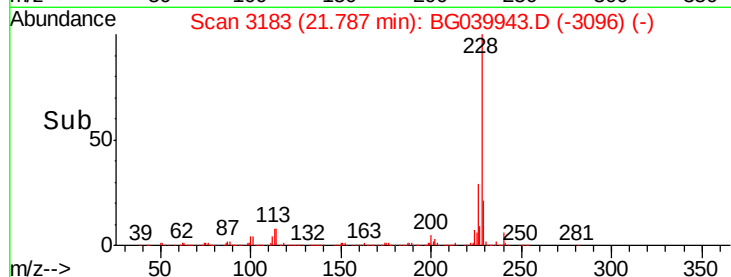
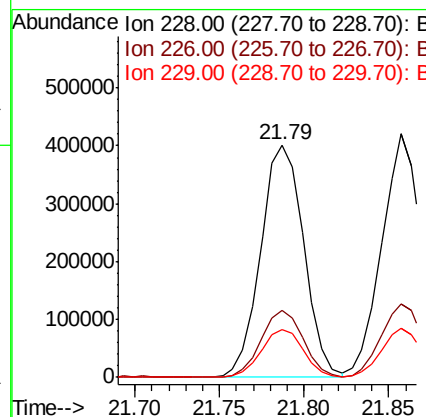
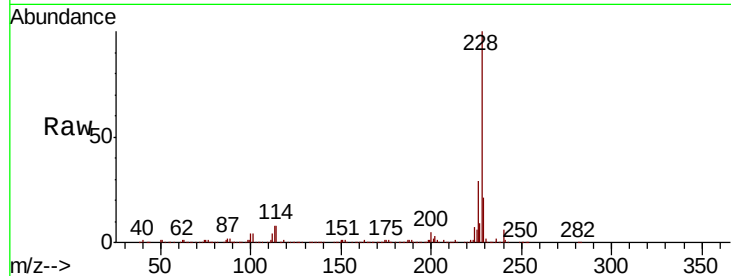
#81
Benzo(a)anthracene
Concen: 40.466 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.5	16.9	25.3

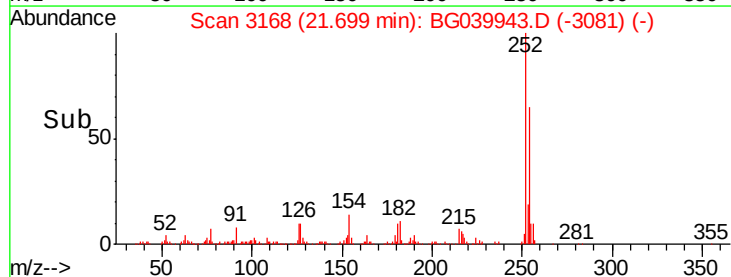
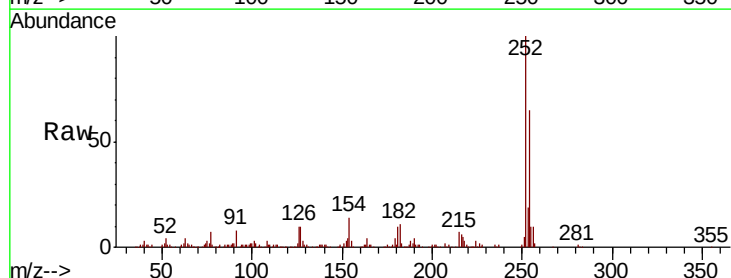
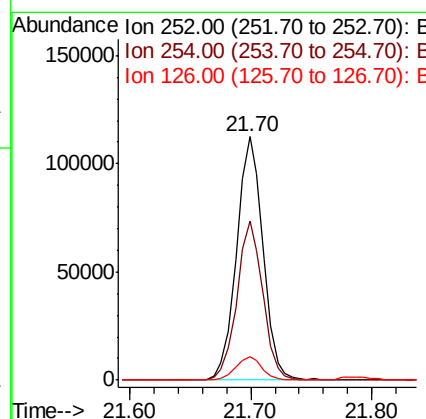
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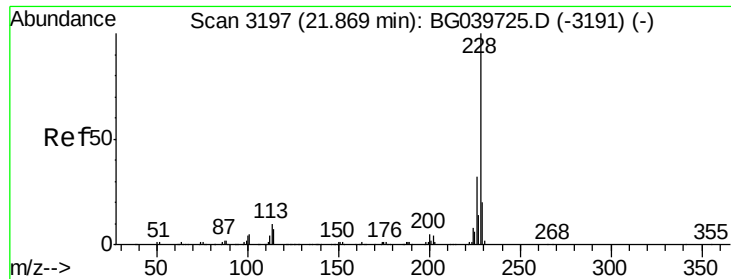
Sohil
3/18/2019 3:02:41 PM



#82
3,3'-Dichlorobenzidine
Concen: 26.705 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	9.8	8.0	12.0





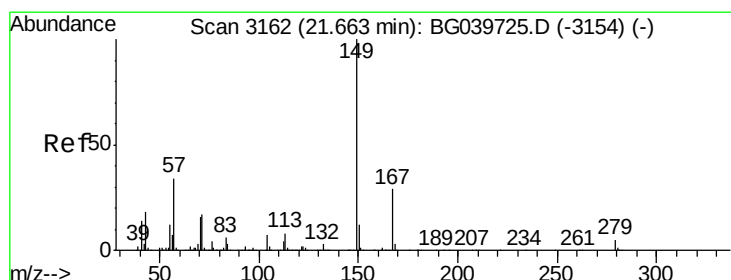
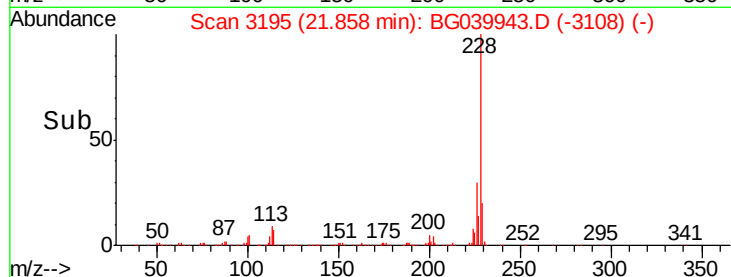
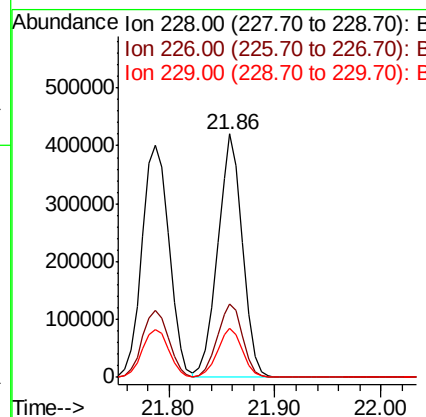
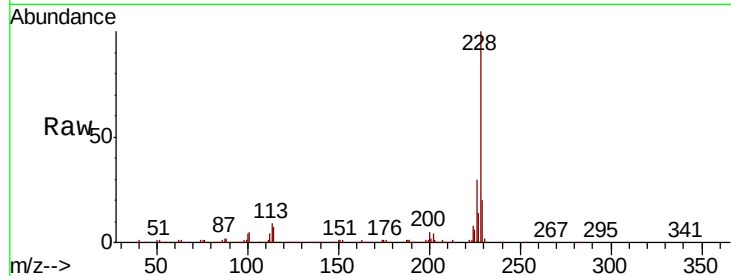
#83
Chrysene
Concen: 40.177 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	684021		
226	30.4		25.8	38.6
229	20.2		16.6	25.0

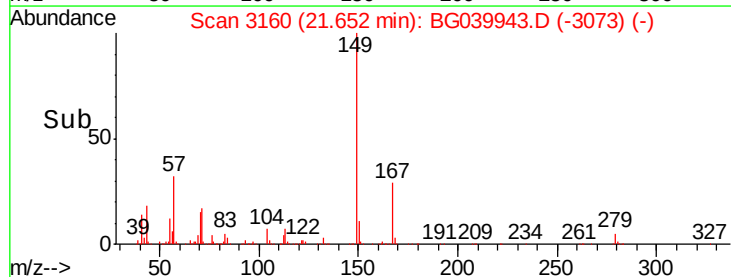
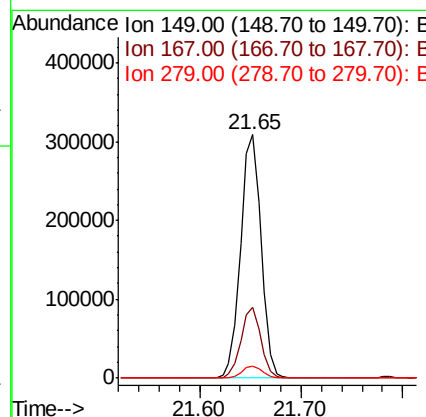
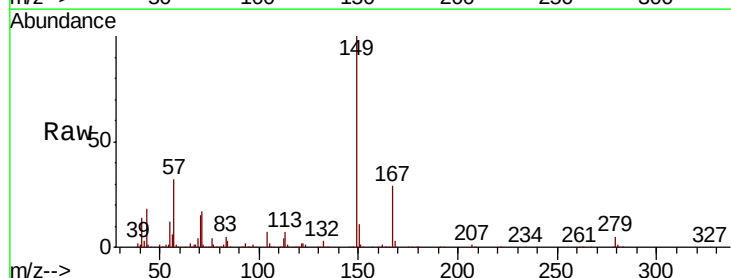
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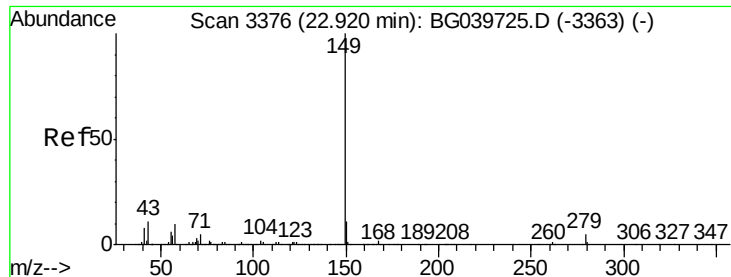
Sohil
3/18/2019 3:02:41 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.635 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432550		
167	29.1		22.6	34.0
279	5.2		3.5	5.3





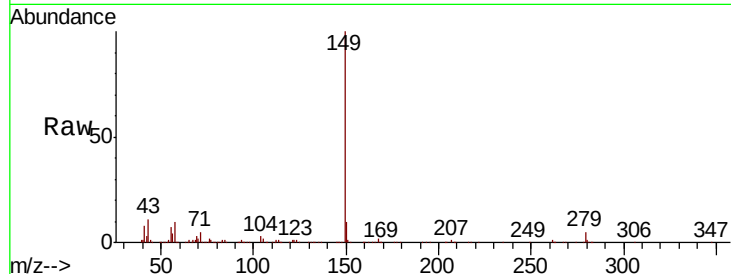
#85
Di-n-octyl phthalate
Concen: 45.175 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.8	10.2	15.4

Manual Integrations
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3/18/2019 3:02:41 PM

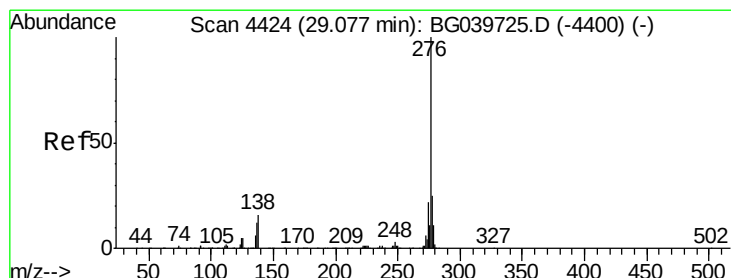
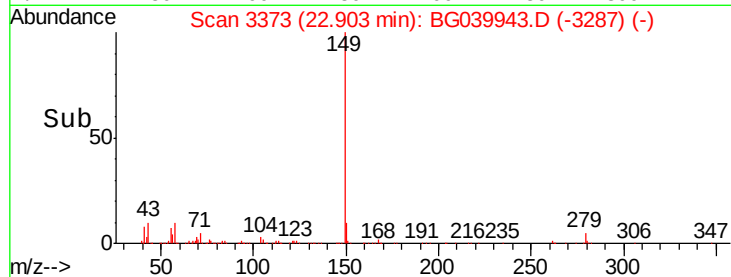
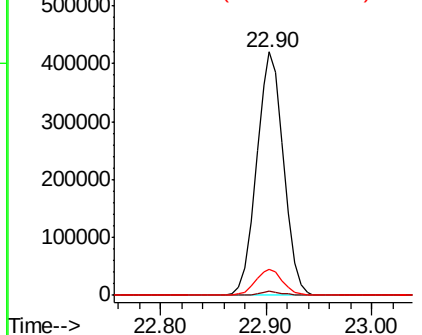


Abundance

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: 41.904 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

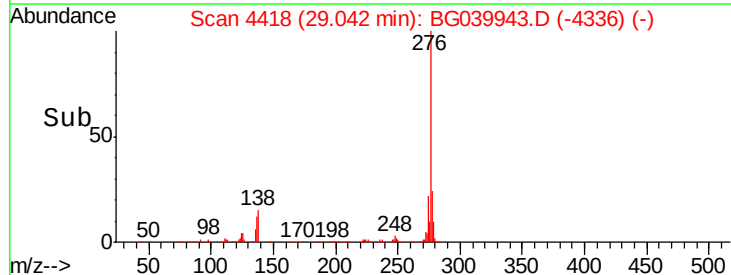
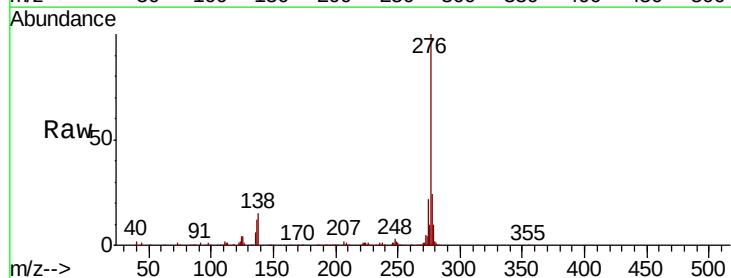
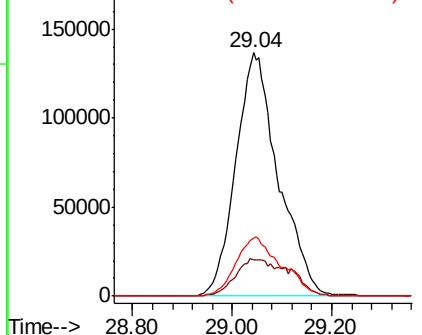
Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.6	19.0
277	25.9	20.8	31.2

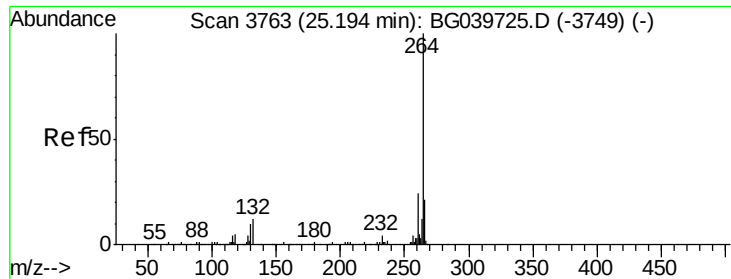
Abundance

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





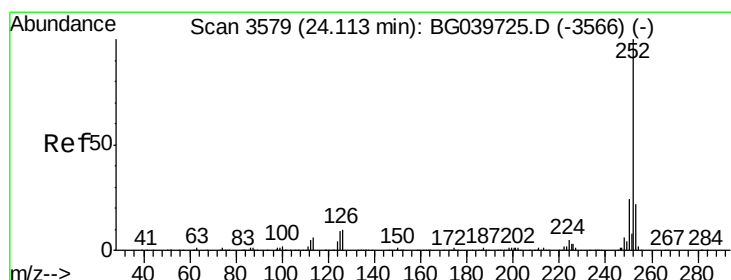
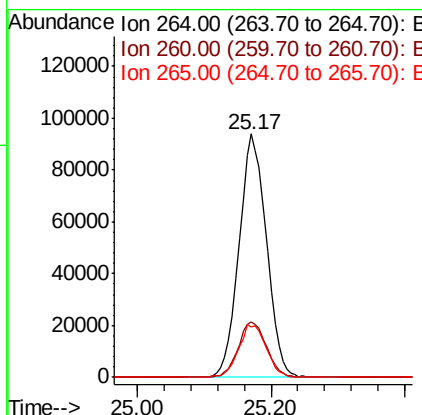
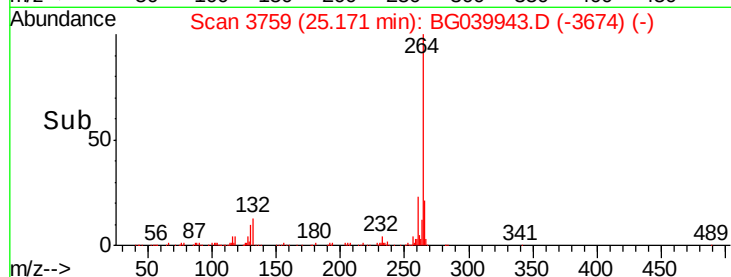
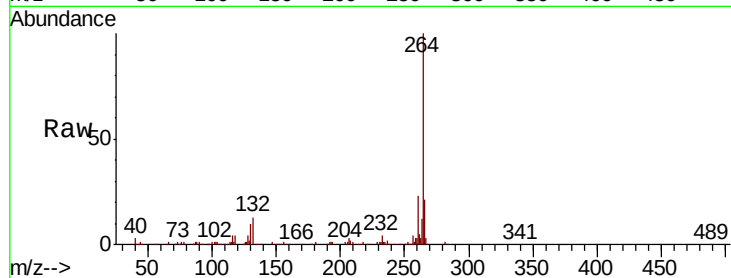
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion:	264	Resp:	265211
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.4
265	20.7	18.5	27.7

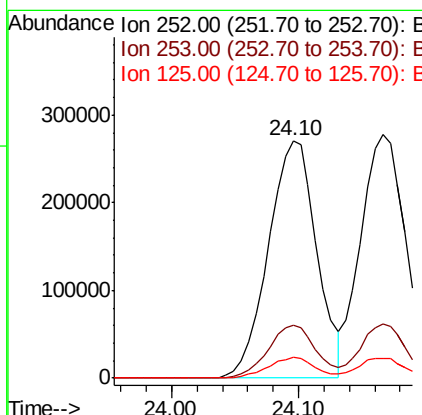
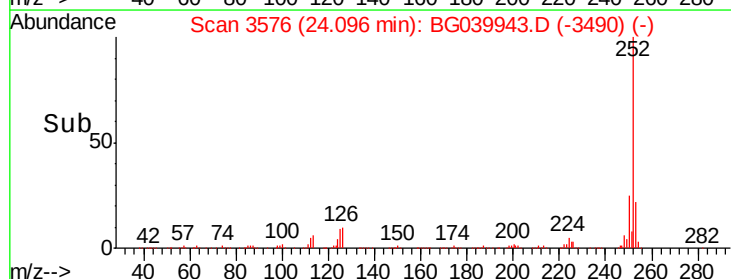
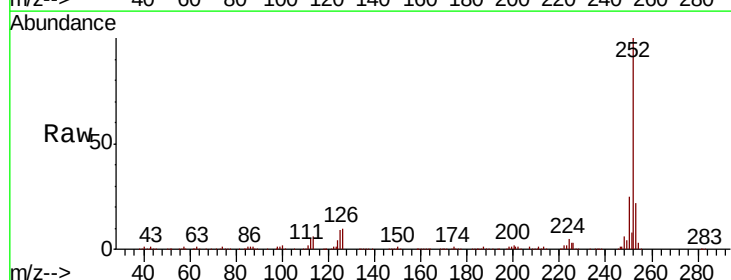
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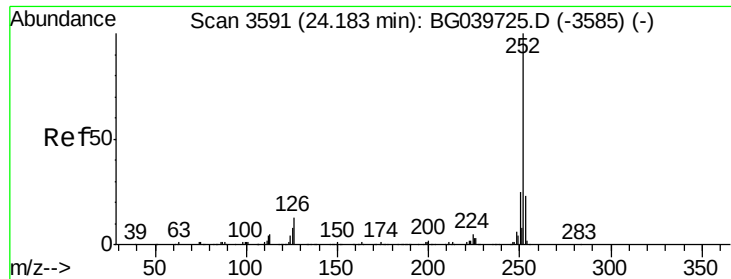
Sohil
3/18/2019 3:02:41 PM



#88
Benzo(b)fluoranthene
Concen: 45.340 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion:	252	Resp:	717053
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	8.7	7.8	11.6





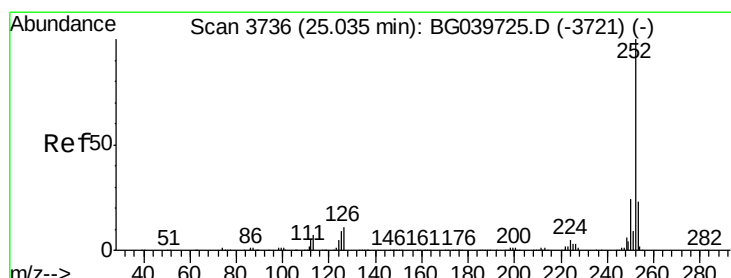
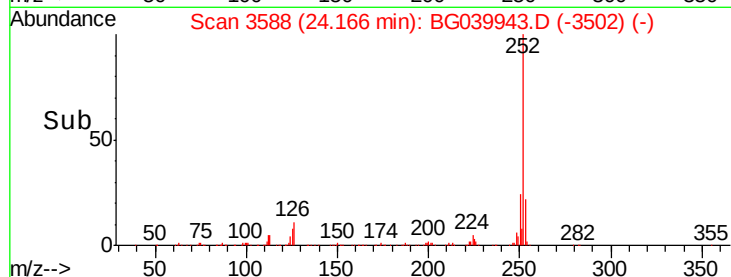
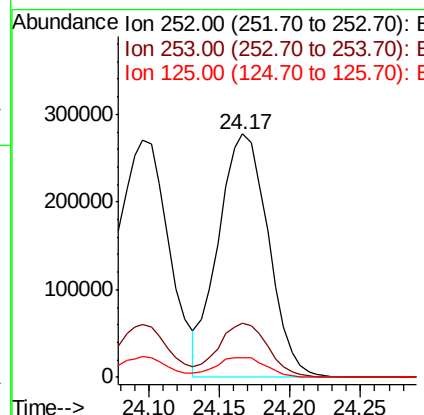
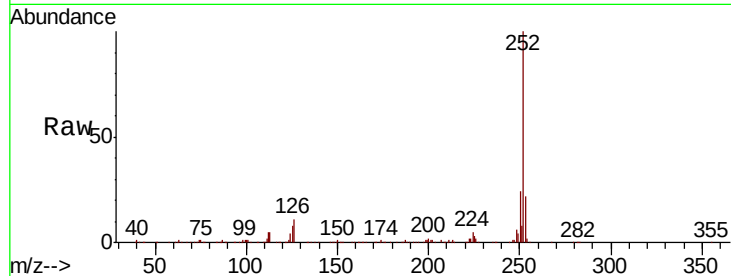
#89
Benzo(k)fluoranthene
Concen: 46.405 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.2	7.4	11.2

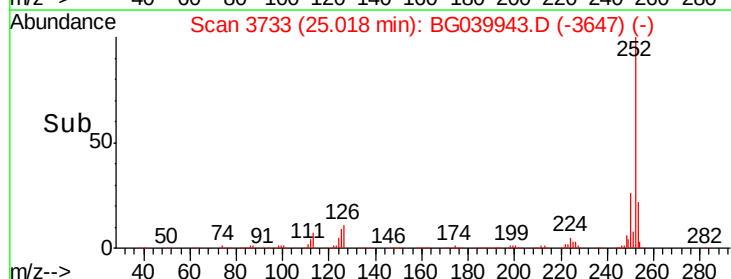
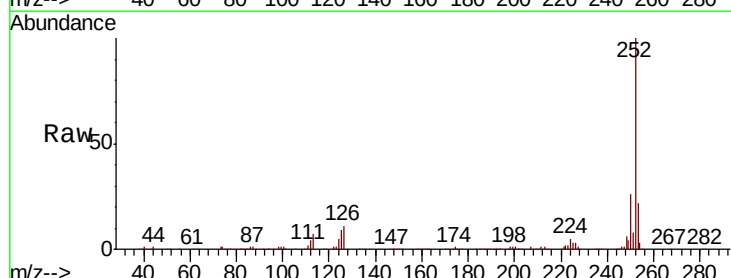
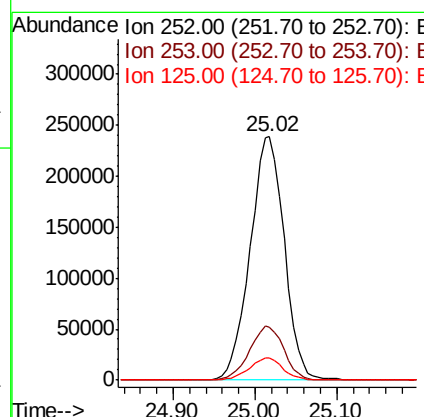
Manual Integrations
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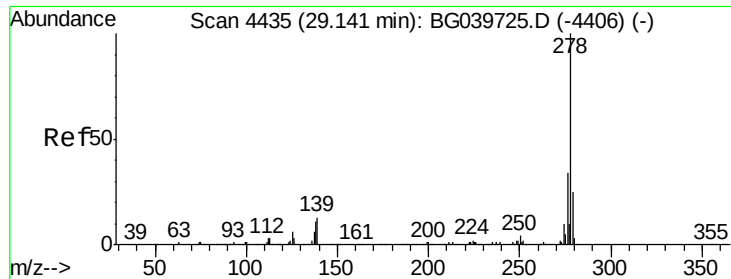
Sohil
3/18/2019 3:02:41 PM



#90
Benzo(a)pyrene
Concen: 47.365 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.2	8.3	12.5





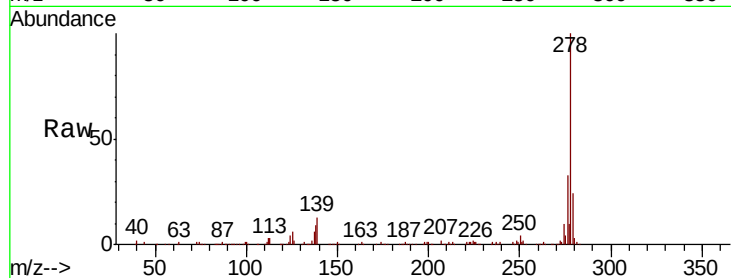
#91
Dibenzo(a,h)anthracene
Concen: 45.635 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Instrument :
BNA_G
ClientSampleId :
PB117964BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
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Sohil
3/18/2019 3:02:41 PM

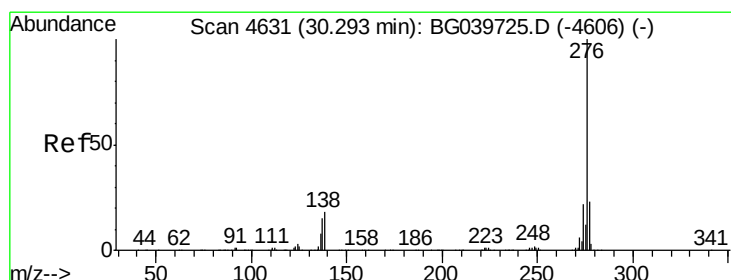
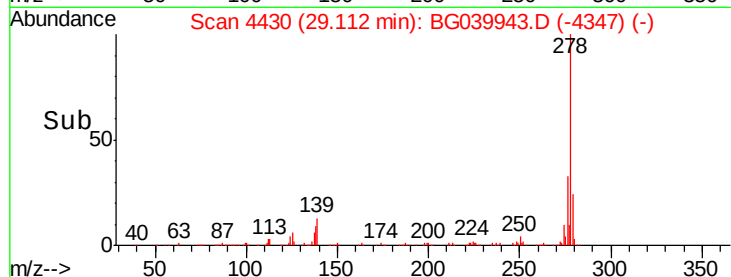
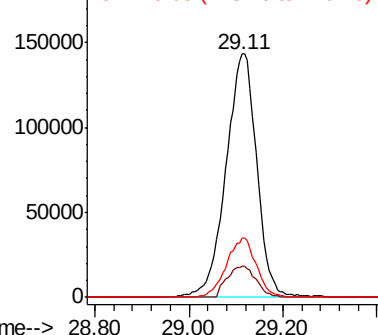


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.922 ng
RT: 30.27 min Scan# 4627
Delta R.T. -0.04 min
Lab File: BG039943.D
Acq: 15 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	16.7	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

