

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039840.D
 Acq On : 11 Mar 2019 13:56
 Operator : JU/SJ
 Sample : PB117780BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:42:22 PM

Quant Time: Mar 12 03:54:15 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	40224	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174843	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	121854	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	309135	20.00	ng	0.00
76) Chrysene-d12	21.82	240	325136	20.00	ng	-0.01
87) Perylene-d12	25.18	264	296579	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	340281	144.32	ng	-0.01
7) Phenol-d6	7.30	99	474062	134.85	ng	-0.01
23) Nitrobenzene-d5	9.33	82	248041	76.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	195619	137.73	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	618524	72.27	ng	-0.01
79) Terphenyl-d14	20.12	244	1091177	73.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	39871	36.628	ng	99
3) Pyridine	3.99	79	98156	33.682	ng	94
4) n-Nitrosodimethylamine	3.91	42	54287	39.268	ng	89
6) Aniline	7.48	93	131284	28.503	ng	98
8) 2-Chlorophenol	7.71	128	117798	41.182	ng	97
9) Benzaldehyde	7.30	77	63404	27.959	ng	95
10) Phenol	7.33	94	160016	42.015	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	110049	37.061	ng	99
12) 1,3-Dichlorobenzene	8.04	146	121722	37.626	ng	98
13) 1,4-Dichlorobenzene	8.19	146	123462	37.467	ng	98
14) 1,2-Dichlorobenzene	8.51	146	117675	36.961	ng	99
15) Benzyl Alcohol	8.39	79	110531	39.635	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216226	36.409	ng	99
17) 2-Methylphenol	8.59	107	104742	43.131	ng	97
18) Hexachloroethane	9.24	117	43096	36.449	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	89256	35.273	ng	94
20) 3+4-Methylphenols	8.92	107	140854	41.751	ng	94
22) Acetophenone	8.98	105	172118	36.678	ng	# 95
24) Nitrobenzene	9.38	77	134805	39.749	ng	97
25) Isophorone	9.89	82	252683	37.303	ng	97
26) 2-Nitrophenol	10.09	139	64412	39.337	ng	98
27) 2,4-Dimethylphenol	10.13	122	124503	48.888	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	154274	37.478	ng	99
29) 2,4-Dichlorophenol	10.61	162	128200	44.711	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	126390	39.173	ng	98
31) Naphthalene	11.03	128	359667	38.853	ng	99
32) Benzoic acid	10.26	122	64069	38.202	ng	99
33) 4-Chloroaniline	11.14	127	92056	23.451	ng	99
34) Hexachlorobutadiene	11.29	225	80318	36.429	ng	94
35) Caprolactam	11.91	113	43770m	39.962	ng	
36) 4-Chloro-3-methylphenol	12.24	107	139591	42.470	ng	96
37) 2-Methylnaphthalene	12.62	142	274451	39.655	ng	98
38) 1-Methylnaphthalene	12.84	142	266031	39.554	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	153913	37.284	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	177257	80.124	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	107414	44.444	nq	95
44) 2,4,5-Trichlorophenol	13.29	196	116451	42.747	nq	97
46) 1,1'-Biphenyl	13.62	154	380766	37.992	nq	98
47) 2-Chloronaphthalene	13.66	162	296298	39.298	nq	99
48) 2-Nitroaniline	13.88	65	102341	42.237	nq	93
49) Acenaphthylene	14.51	152	473643	38.267	nq	99
50) Dimethylphthalate	14.23	163	401004	39.355	nq	100
51) 2,6-Dinitrotoluene	14.36	165	90582	41.934	nq	97
52) Acenaphthene	14.84	154	289056	38.802	nq	98
53) 3-Nitroaniline	14.69	138	64450	29.682	nq	# 95
54) 2,4-Dinitrophenol	14.90	184	90789	67.525	nq	98
55) Dibenzofuran	15.18	168	481445	39.390	nq	98
56) 4-Nitrophenol	14.99	139	161049	82.912	nq	87
57) 2,4-Dinitrotoluene	15.14	165	128311	42.275	nq	# 86
58) Fluorene	15.83	166	383137	39.875	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119870	45.055	nq	96
60) Diethylphthalate	15.58	149	409882	40.636	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	203172	39.625	nq	98
62) 4-Nitroaniline	15.86	138	98841	41.989	nq	91
63) Azobenzene	16.10	77	371076	40.584	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	70570	38.609	nq	96
66) n-Nitrosodiphenylamine	16.03	169	359063	40.121	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	134975	39.007	nq	94
68) Hexachlorobenzene	16.82	284	140769	39.247	nq	97
69) Atrazine	16.97	200	145544	41.322	nq	97
70) Pentachlorophenol	17.16	266	175254	77.367	nq	99
71) Phenanthrene	17.57	178	671250	39.421	nq	99
72) Anthracene	17.66	178	674046	40.622	nq	100
73) Carbazole	17.93	167	598750	40.026	nq	98
74) Di-n-butylphthalate	18.46	149	729721	41.461	nq	100
75) Fluoranthene	19.57	202	816377	40.568	nq	99
77) Benzidine	19.75	184	278782	27.020	nq	99
78) Pyrene	19.93	202	801129	37.919	nq	99
80) Butylbenzylphthalate	20.80	149	341669	41.741	nq	96
81) Benzo(a)anthracene	21.79	228	774494	38.008	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	204911	27.543	nq	99
83) Chrysene	21.86	228	745224	37.723	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	471949	41.031	nq	99
85) Di-n-octyl phthalate	22.92	149	805011	42.268	nq	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	862773	38.497	nq	# 96
88) Benzo(b)fluoranthene	24.11	252	762870	43.135	nq	99
89) Benzo(k)fluoranthene	24.18	252	751801	45.667	nq	99
90) Benzo(a)pyrene	25.03	252	753192	46.088	nq	99
91) Dibenzo(a,h)anthracene	29.13	278	704031	43.943	nq	99
92) Benzo(g,h,i)perylene	30.29	276	720348	44.768	nq	96

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



#1

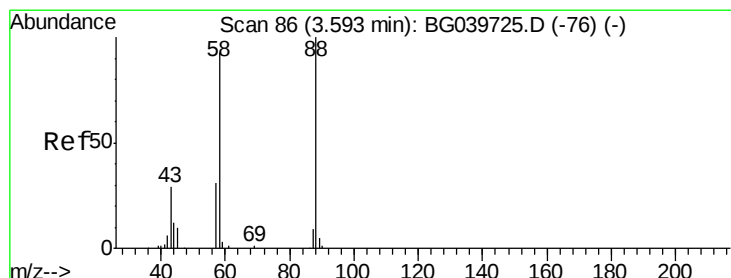
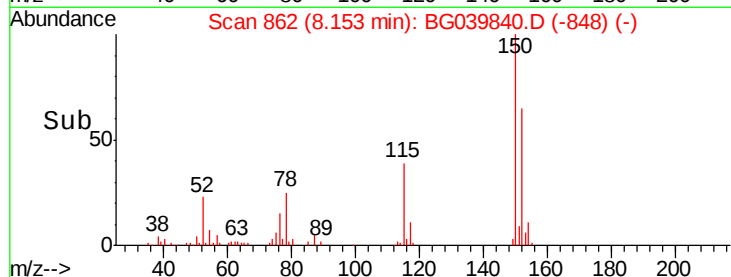
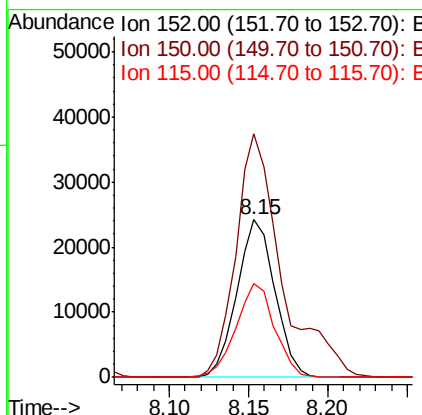
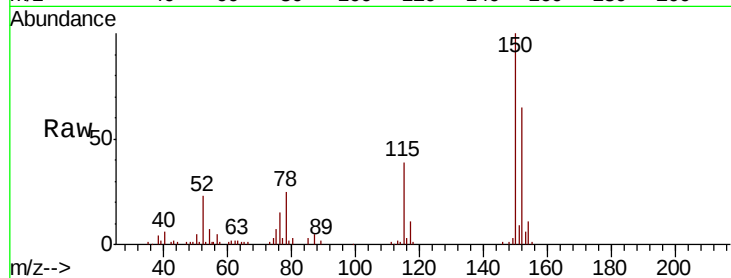
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.7	185.5
115	59.7	45.9	68.9

Manual Integrations
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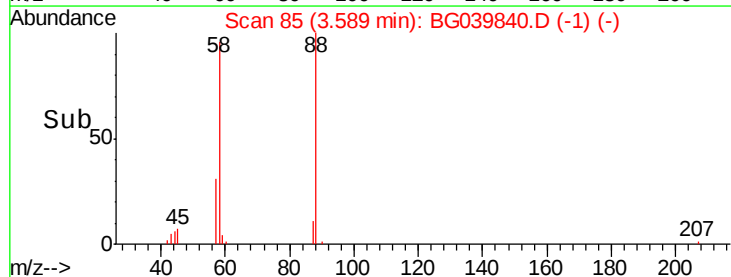
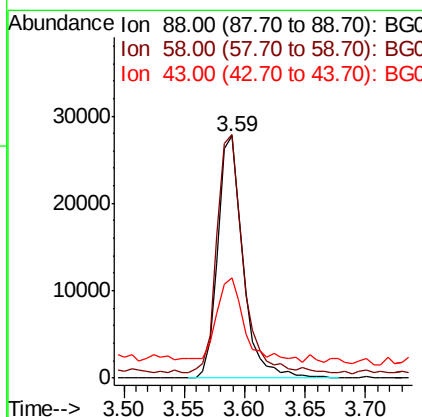
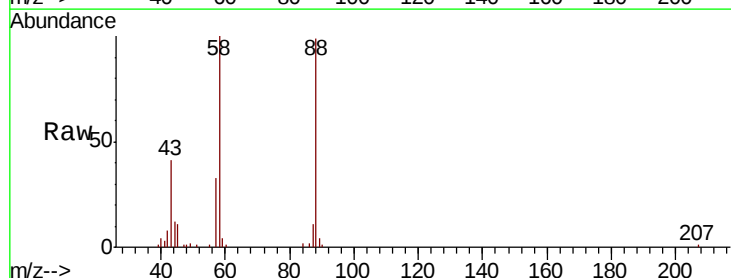
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#2

1,4-Dioxane
Concen: 36.628 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	81.1	121.7
43	37.8	31.4	47.0





#3

Pvridine

Concen: 33.682 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

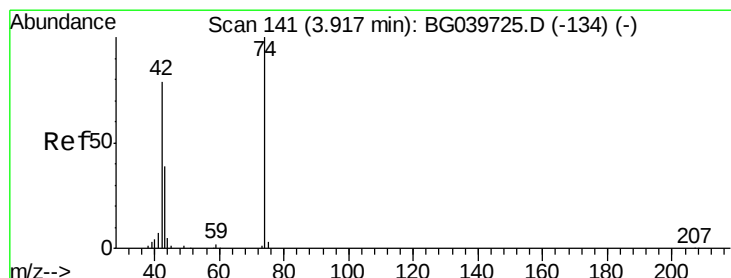
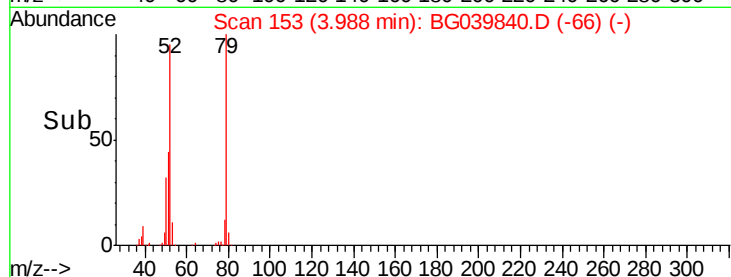
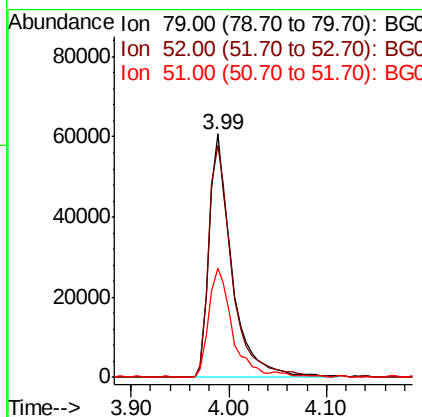
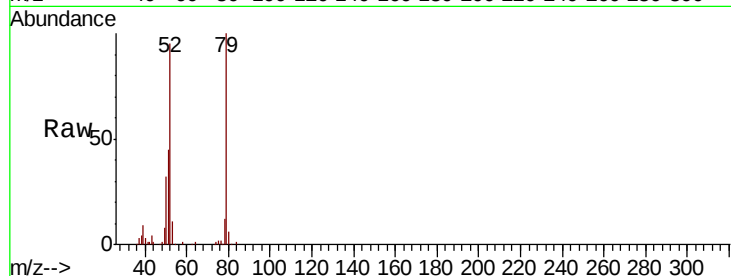
ClientSampleId :

PB117780BS

Tot Ion:	79	Resp:	98156
Ion Ratio	Lower	Upper	
79	100		
52	95.4	82.6	124.0
51	44.8	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.268 ng

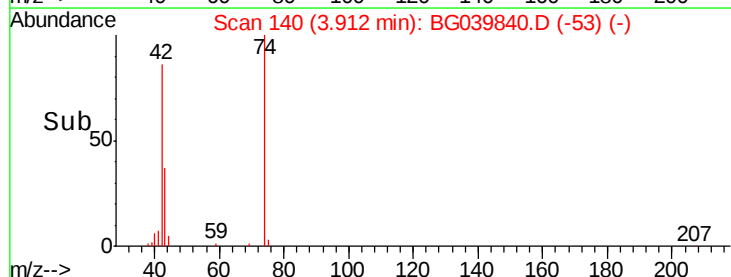
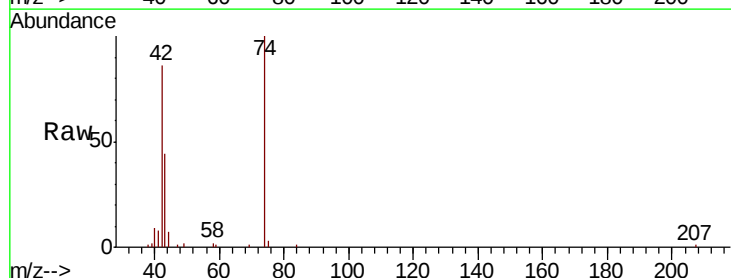
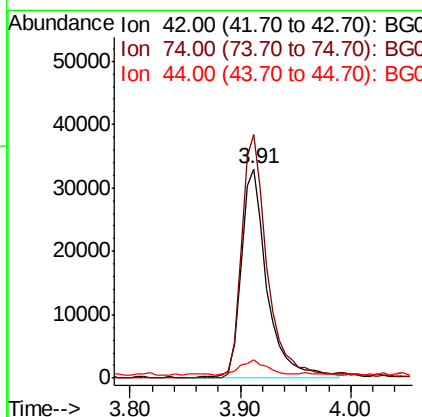
RT: 3.91 min Scan# 140

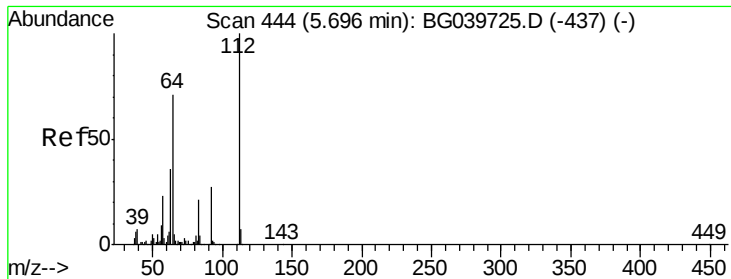
Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	42	Resp:	54287
Ion Ratio	Lower	Upper	
42	100		
74	116.3	83.6	125.4
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 144.322 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

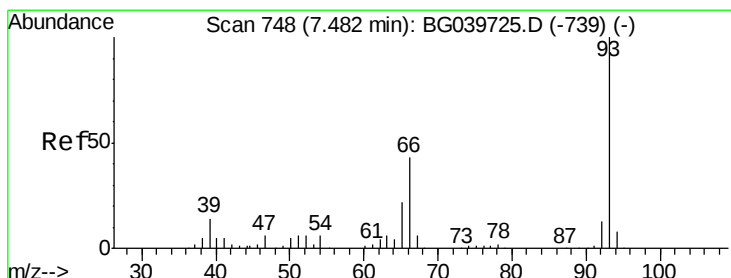
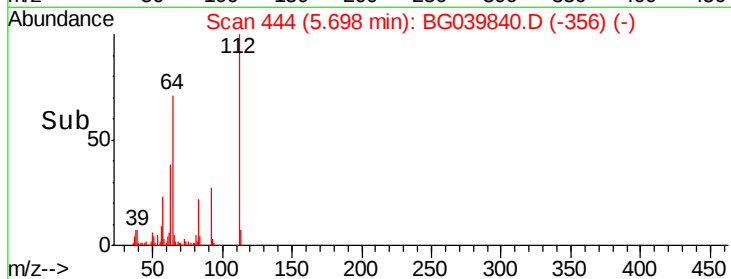
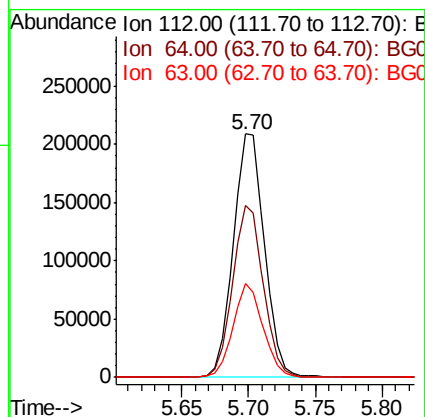
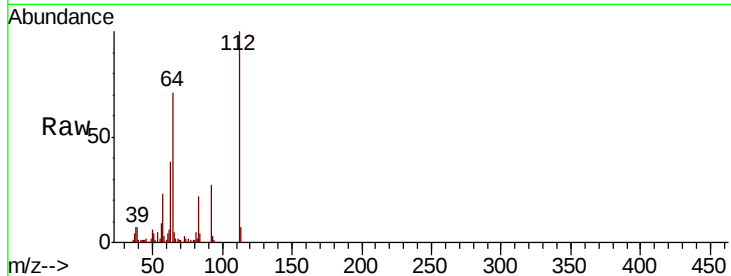
ClientSampleId :

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Tot Ion:	112	Resp:	340281
Ion Ratio	Lower	Upper	
112	100		
64	70.9	57.8	86.8
63	38.4	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 28.503 ng

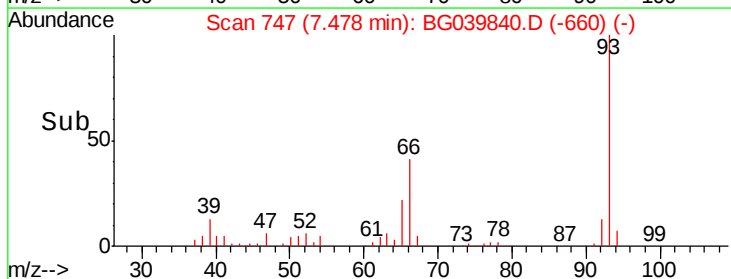
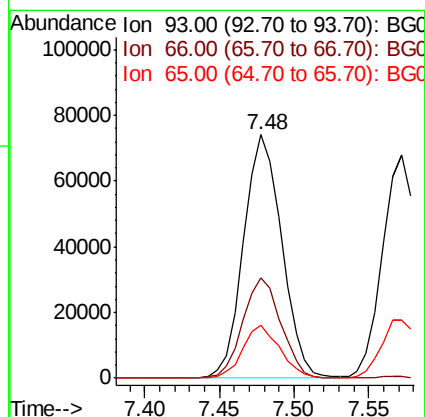
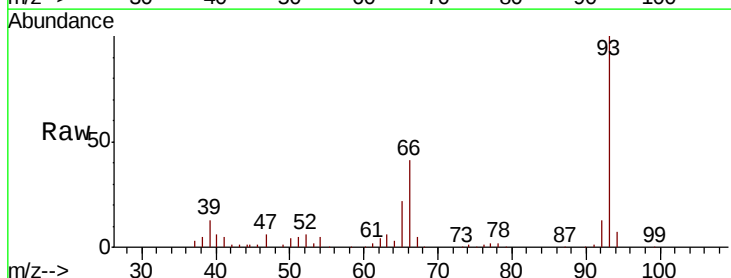
RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	93	Resp:	131284
Ion Ratio	Lower	Upper	
93	100		
66	41.0	34.2	51.4
65	21.6	17.7	26.5





#7

Phenol-d6

Concen: 134.846 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

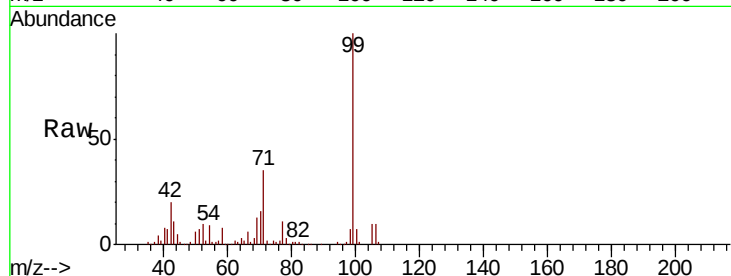
ClientSampleId :

PB117780BS

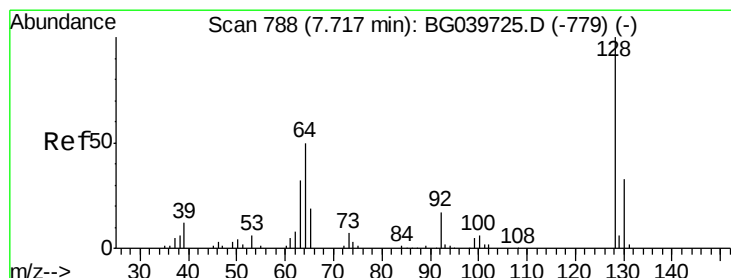
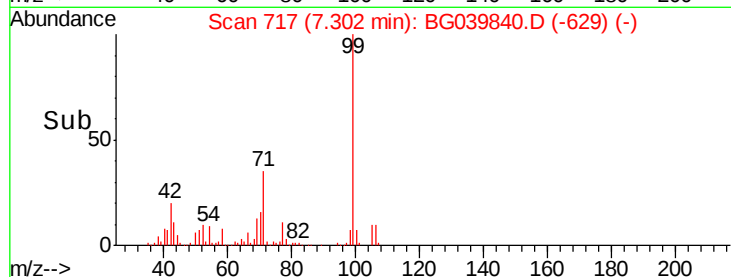
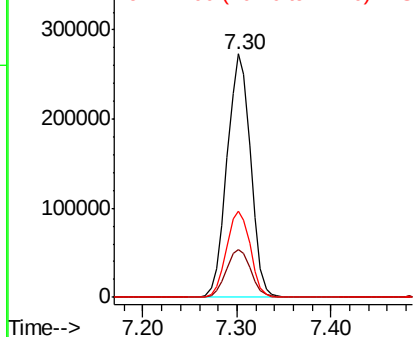
Tot Ion:	99	Resp:	474062
Ion Ratio	Lower	Upper	
99	100		
42	19.8	18.2	27.2
71	35.4	28.0	42.0

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



#8

2-Chlorophenol

Concen: 41.182 ng

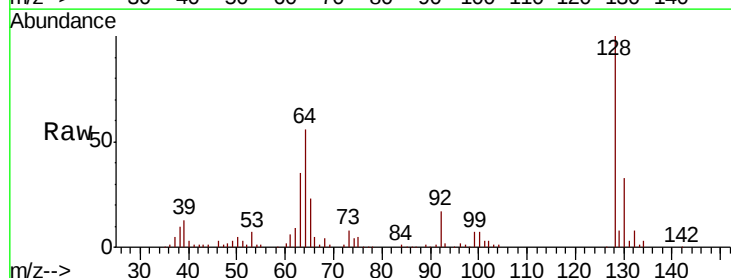
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

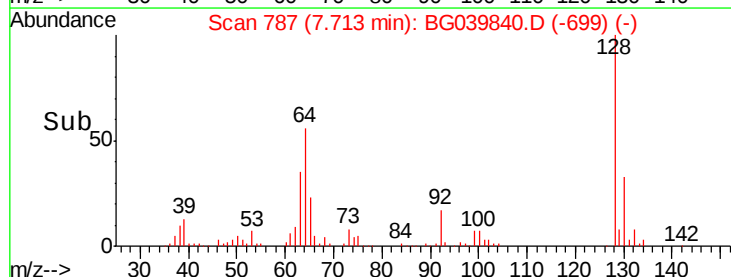
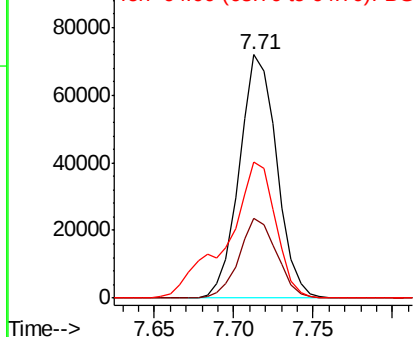
Lab File: BG039840.D

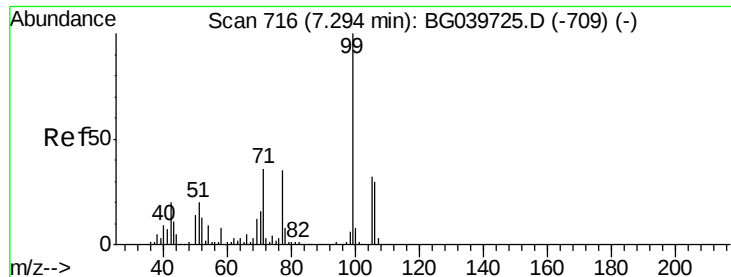
Acq: 11 Mar 2019 13:56

Tgt Ion:	128	Resp:	117798
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	55.8	38.7	78.7



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





#9

Benzaldehyde

Concen: 27.959 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

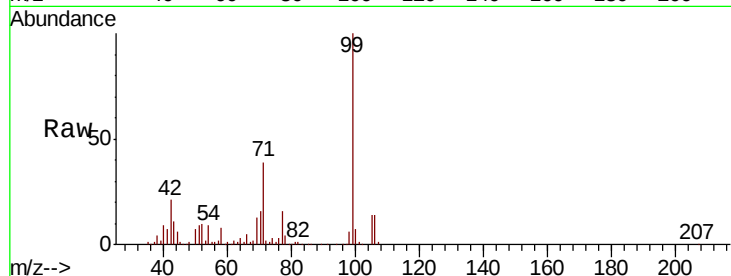
ClientSampleId :

PB117780BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.6	74.5	114.5
106	88.5	68.0	108.0

Manual Integrations
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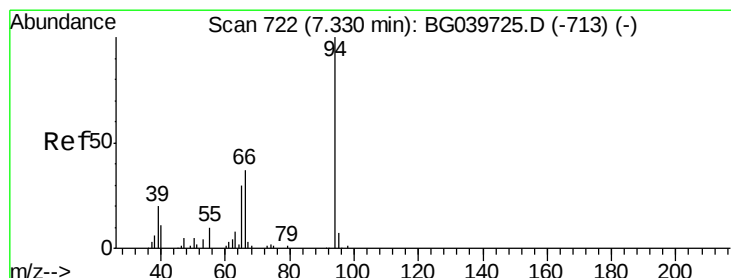
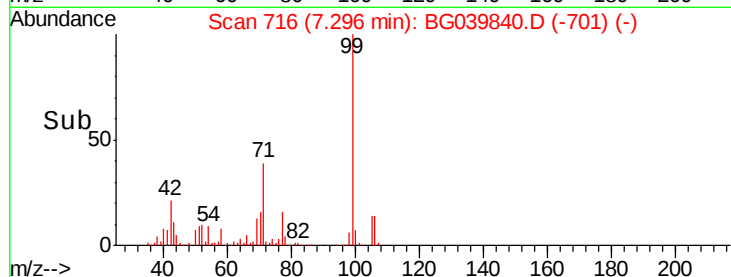
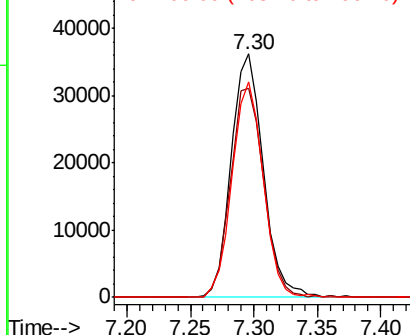


Abundance

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: 42.015 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

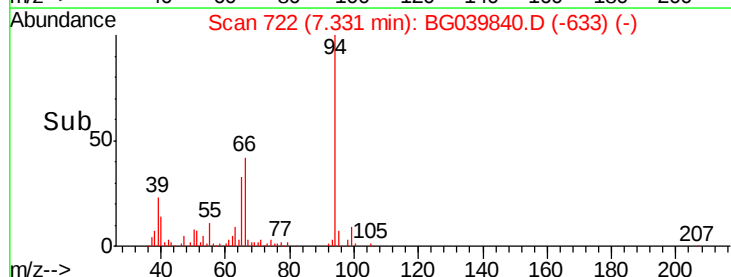
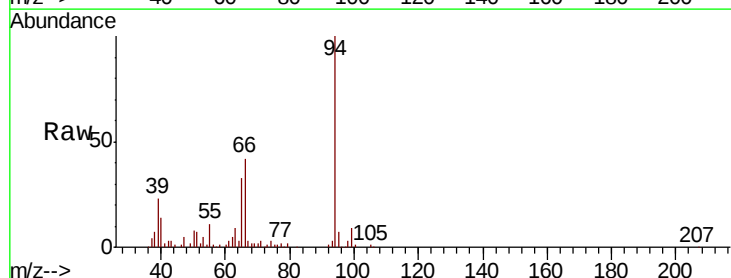
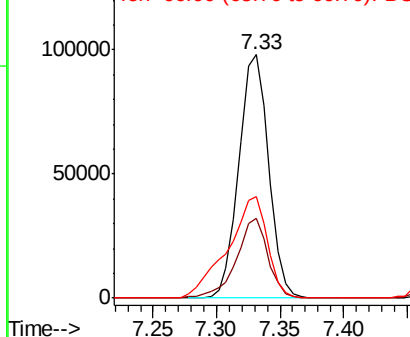
Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	41.7	23.7	63.7

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





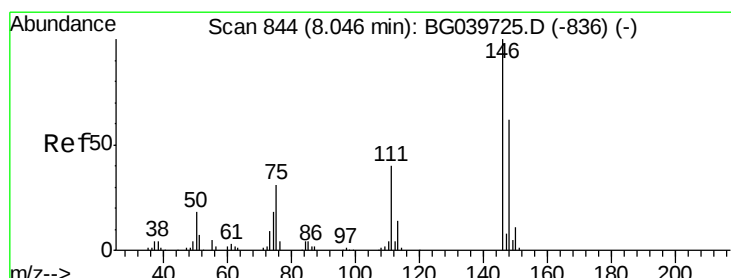
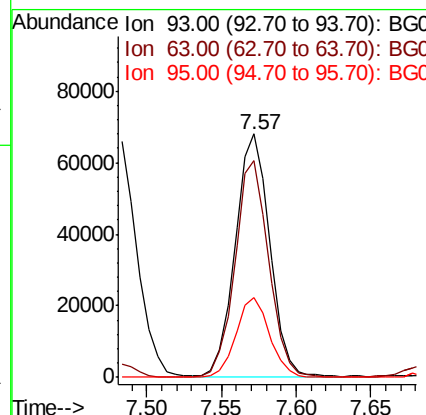
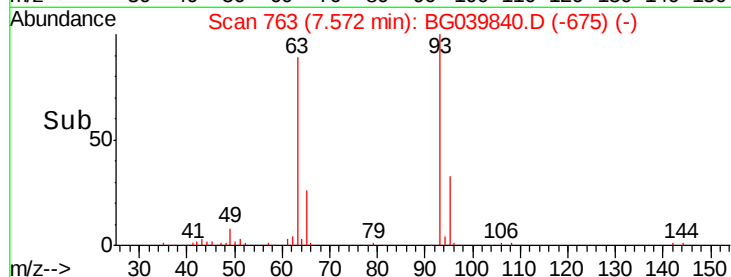
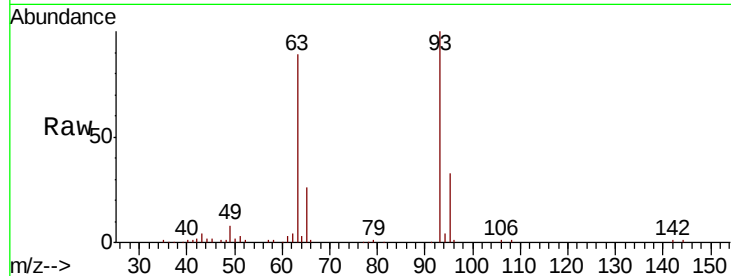
#11
bis(2-Chloroethyl)ether
Concen: 37.061 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	69.5	109.5
95	32.9	12.7	52.7

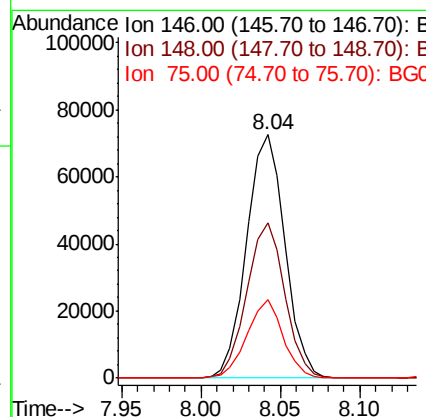
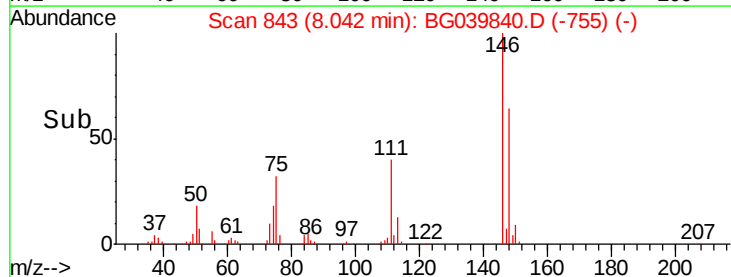
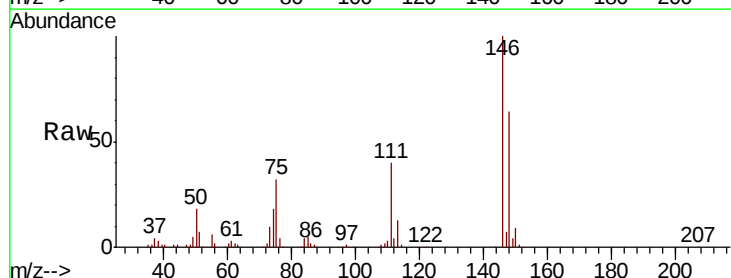
Manual Integrations
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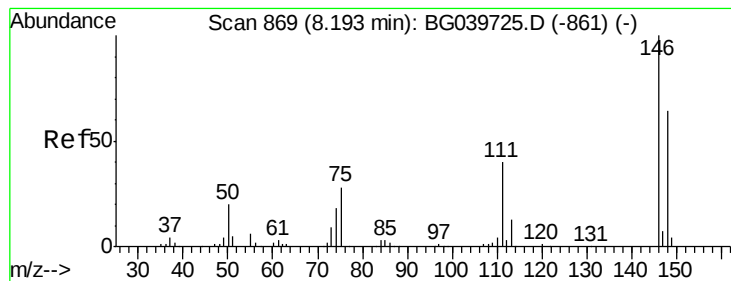
Sohil
3/12/2019 4:42:22 PM



#12
1,3-Dichlorobenzene
Concen: 37.626 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	32.4	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.467 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

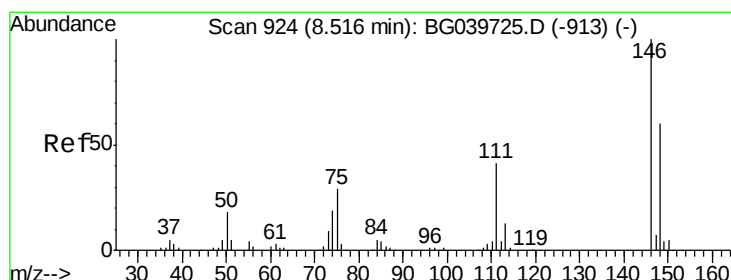
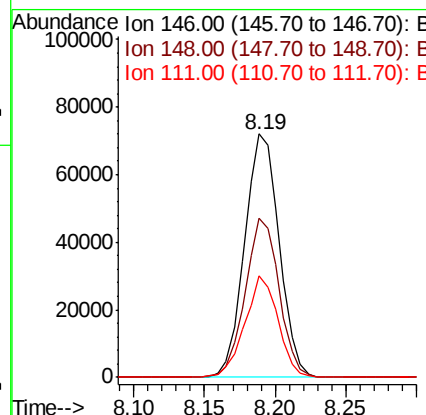
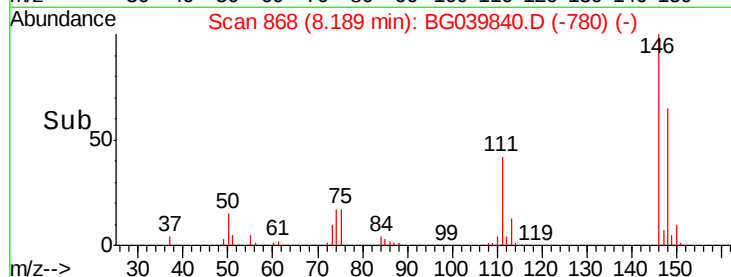
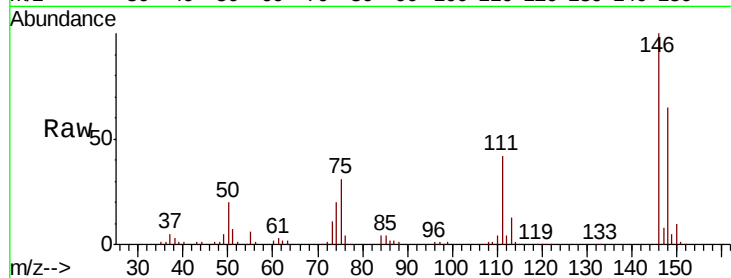
ClientSampled :

PB117780BS

Tot Ion:	146	Resp:	123462
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.1	76.7
111	41.5	32.6	48.8

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#14

1,2-Dichlorobenzene

Concen: 36.961 ng

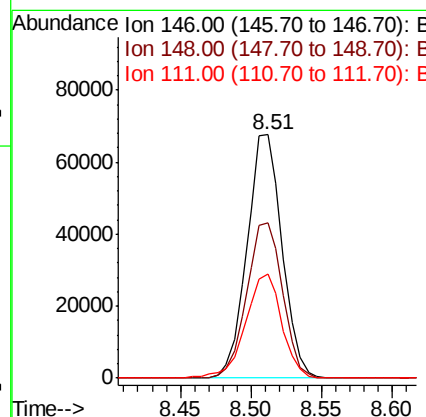
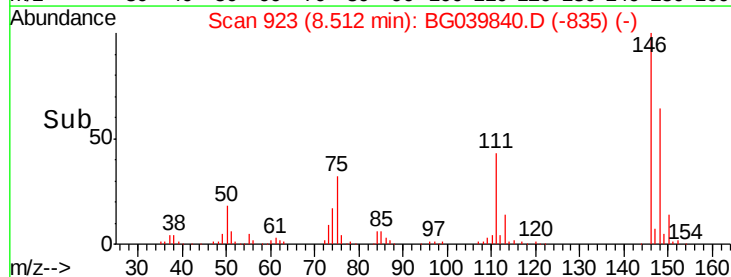
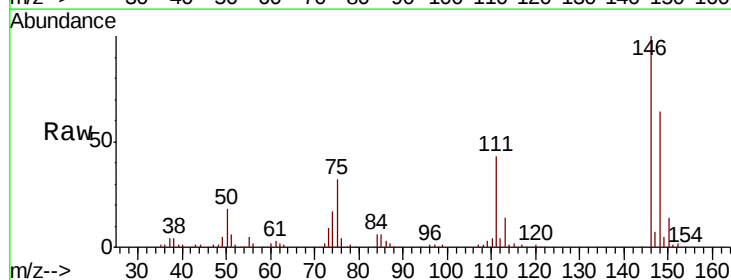
RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	146	Resp:	117675
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.5	77.3
111	42.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.635 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

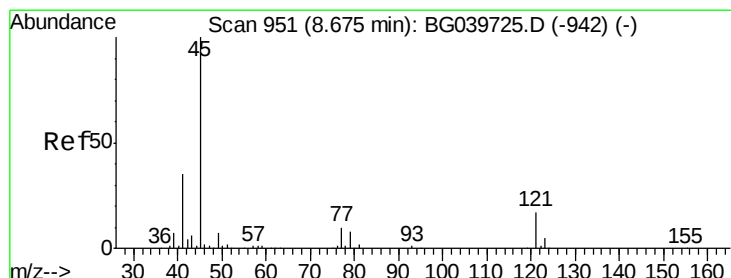
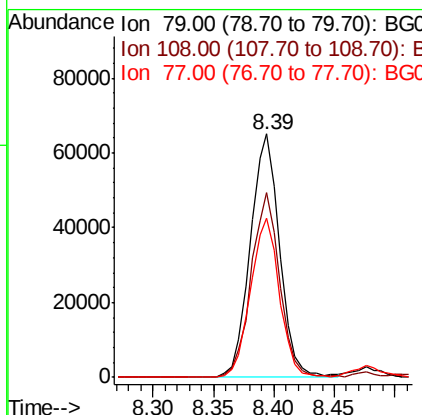
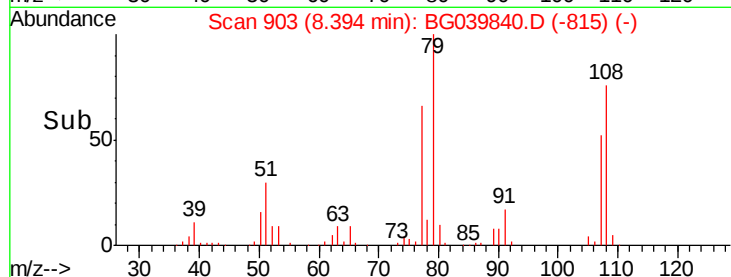
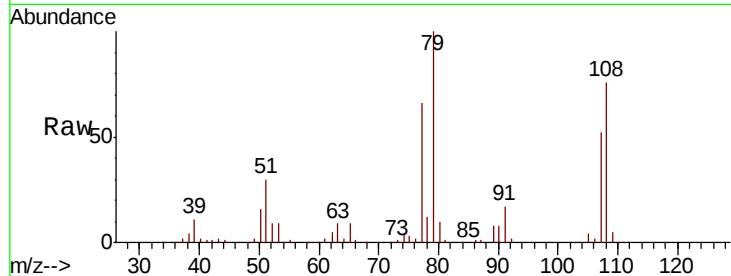
ClientSampled :

PB117780BS

Tot Ion:	79	Resp:	110531
Ion Ratio	Lower	Upper	
79	100		
108	76.1	57.8	86.6
77	65.6	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.409 ng

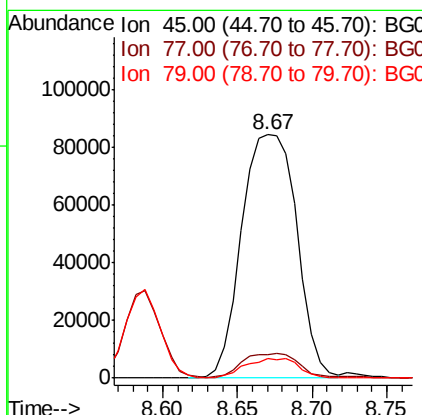
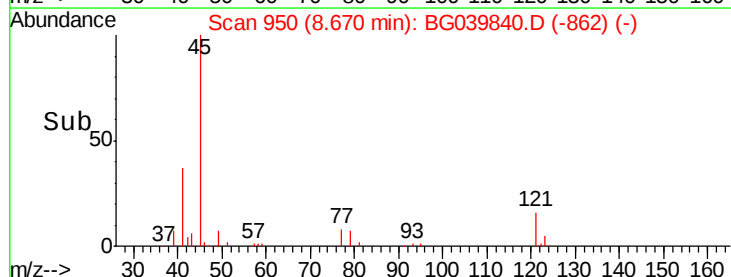
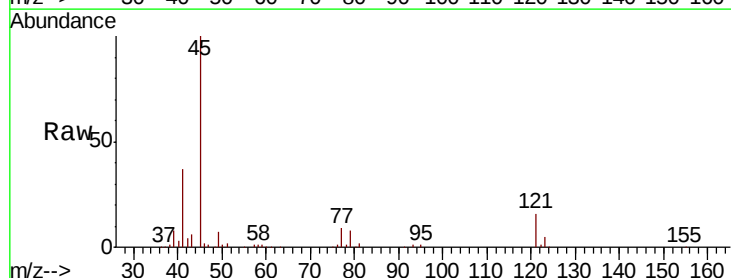
RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	45	Resp:	216226
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	30.0
79	7.9	0.0	27.5





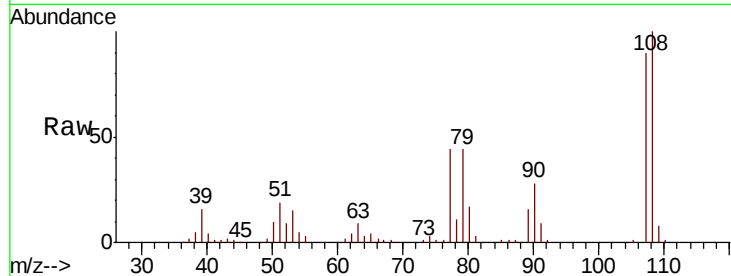
#17
2-Methylphenol
Concen: 43.131 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampled :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	90.8	136.2	
77	48.4	40.7	61.1	
79	48.7	40.6	60.8	

Manual Integrations
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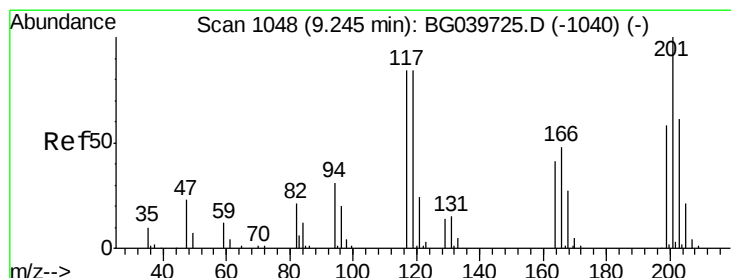
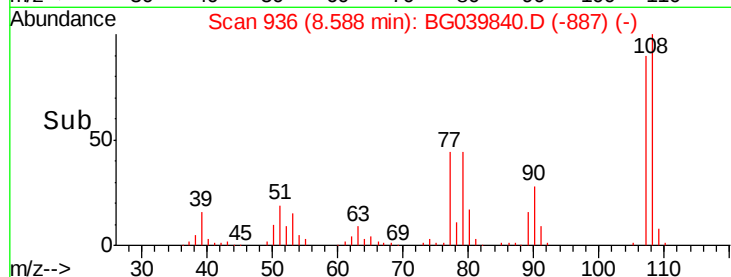
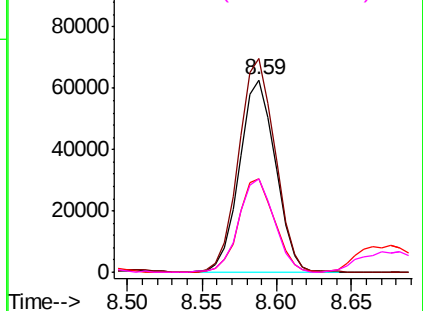
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.449 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

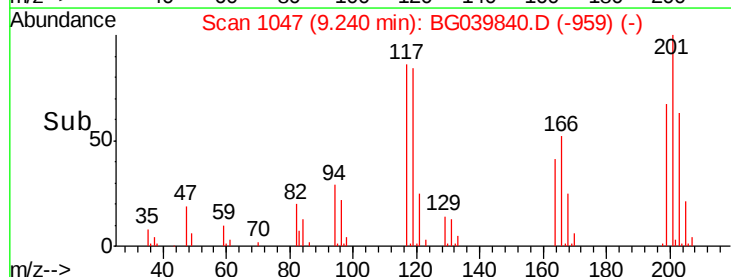
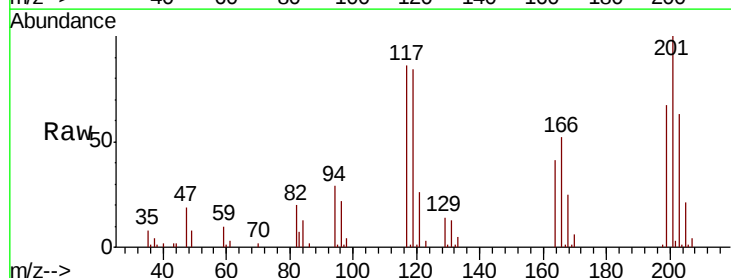
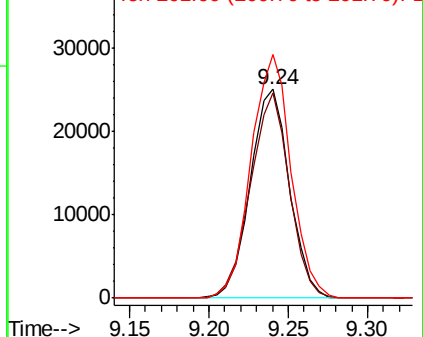
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	76.3	114.5	
201	116.7	91.1	136.7	

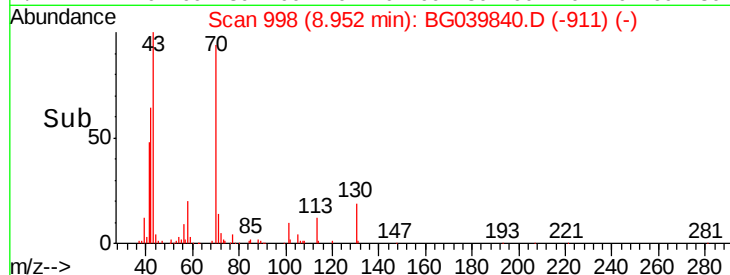
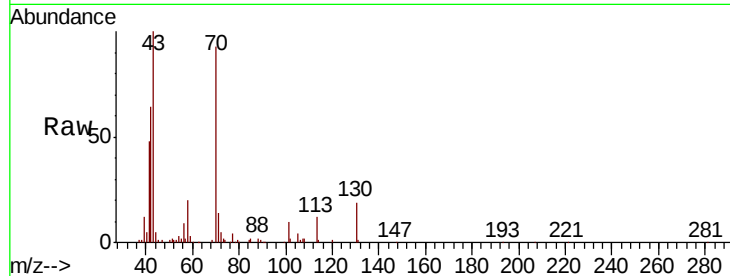
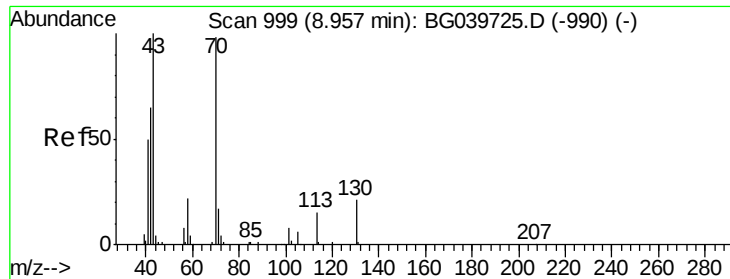
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





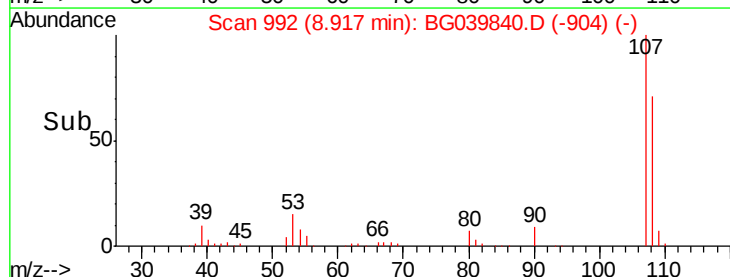
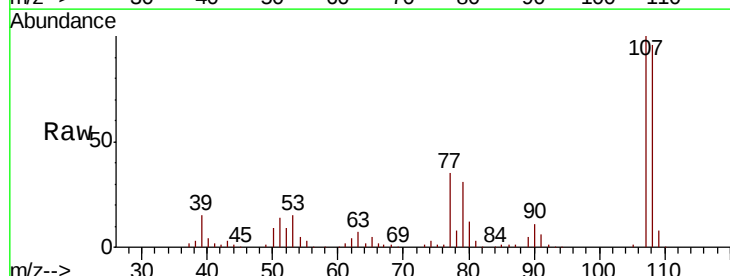
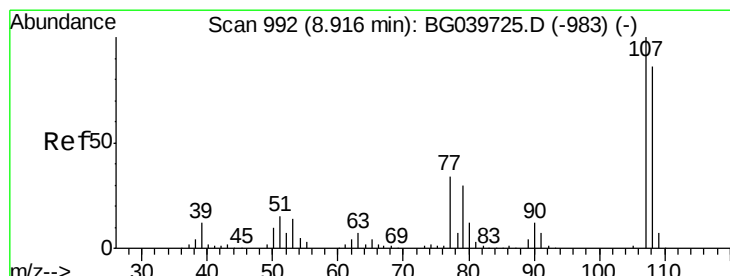
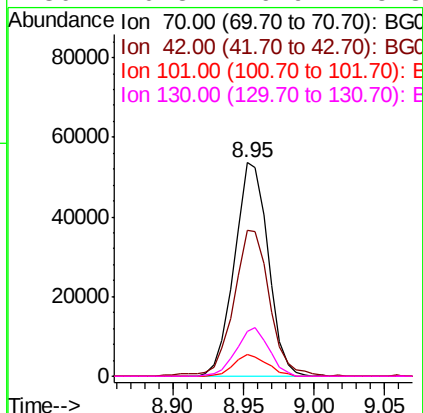
#19
n-Nitroso-di-n-propylamine
Concen: 35.273 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	60.4	90.6	
101	10.3	7.5	11.3	
130	20.8	16.9	25.3	

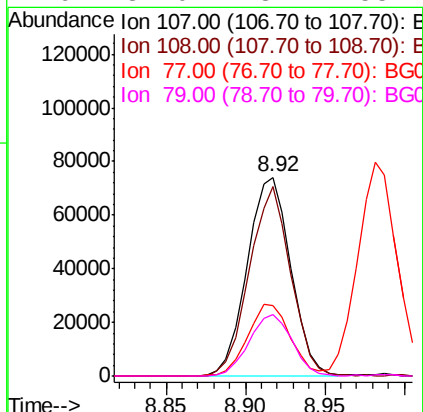
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#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.6	67.9	107.9	
77	35.3	15.4	55.4	
79	31.0	13.7	53.7	





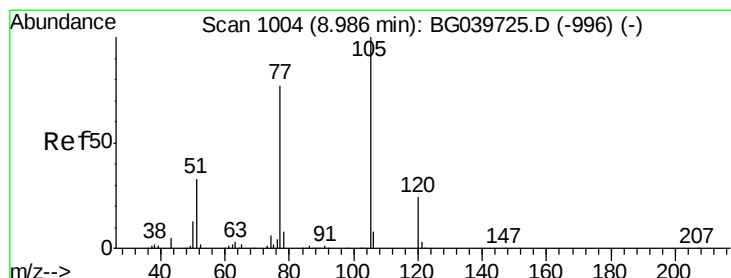
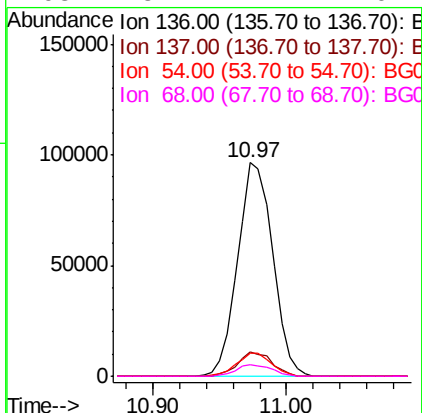
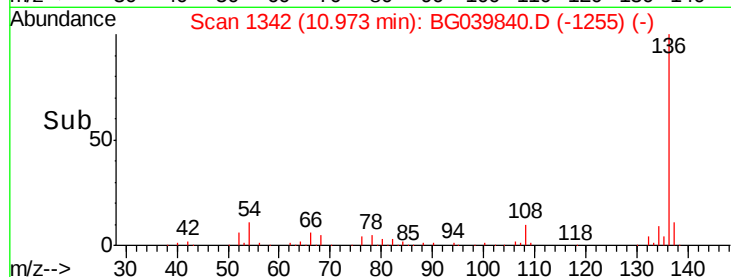
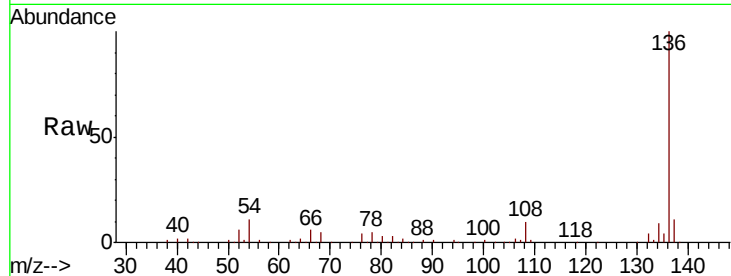
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174843		
137	11.2	9.1	13.7	
54	10.8	9.4	14.2	
68	5.1	4.2	6.4	

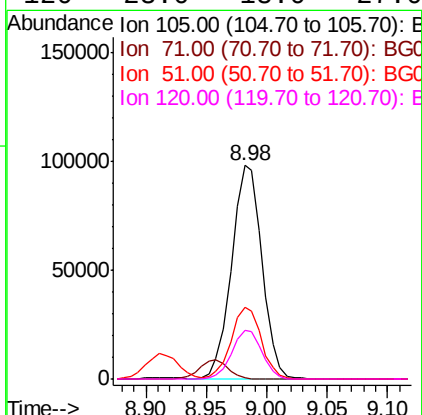
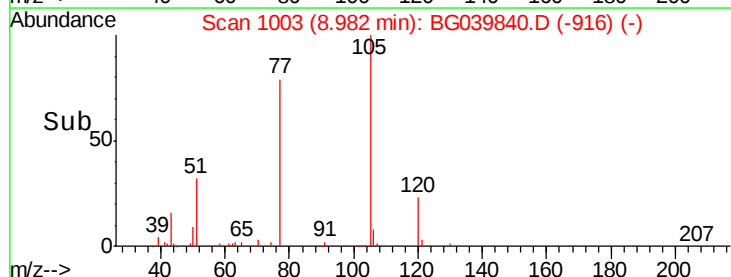
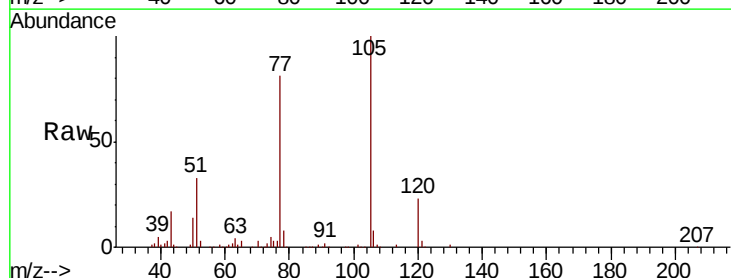
Manual Integrations
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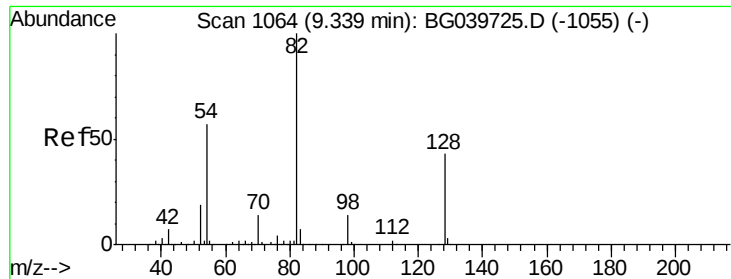
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#22
Acetophenone
Concen: 36.678 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	172118		
71	0.5	0.8	1.2#	
51	33.5	30.2	45.2	
120	23.0	18.0	27.0	





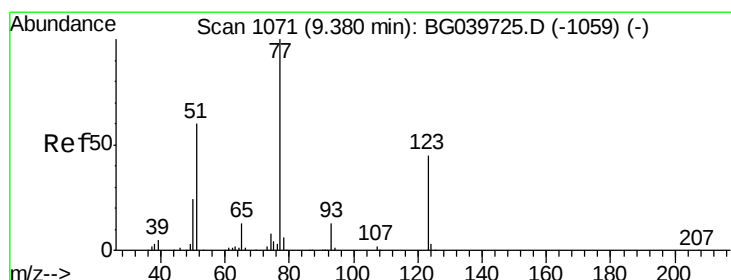
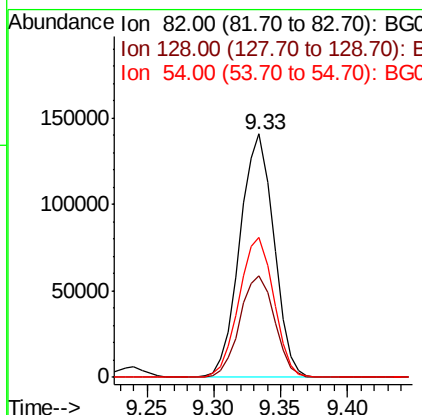
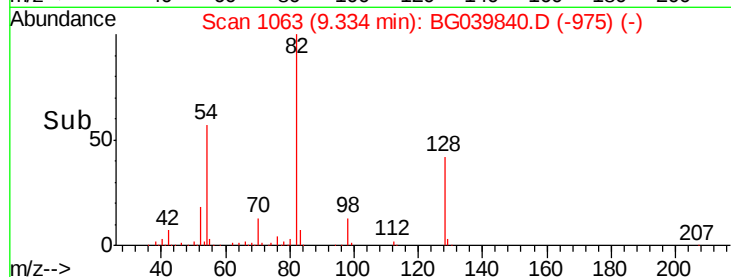
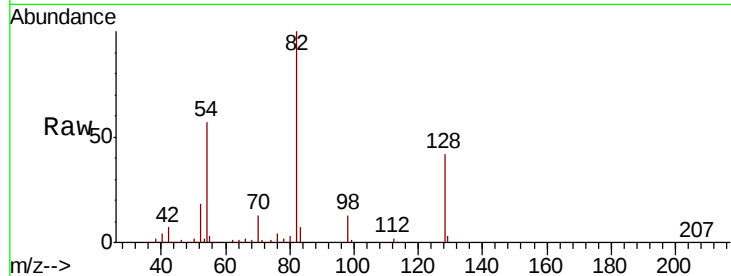
#23
 Nitrobenzene-d5
 Concen: 76.726 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	248041		
128	41.9	31.3	46.9	
54	57.5	50.9	76.3	

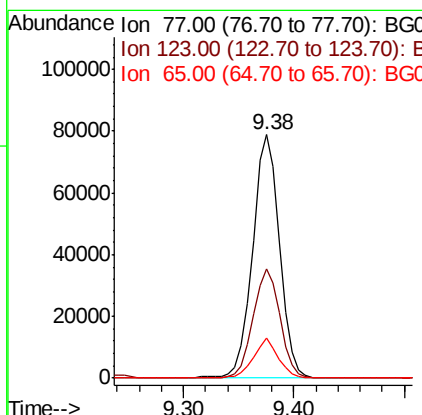
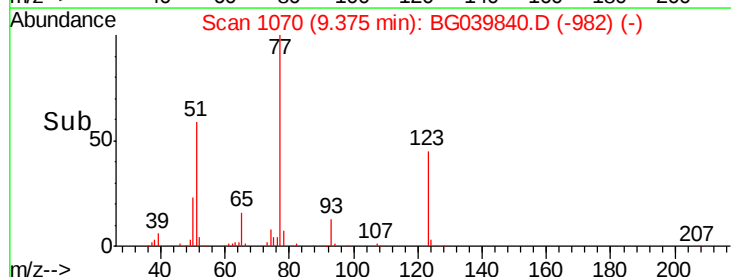
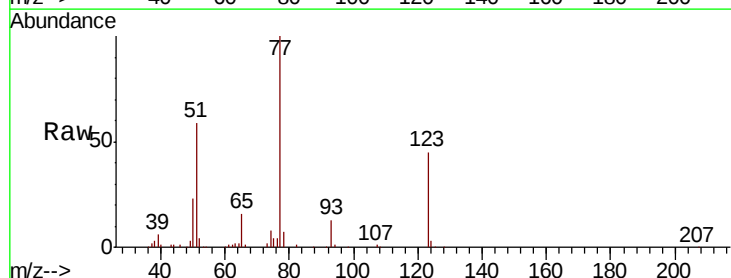
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#24
 Nitrobenzene
 Concen: 39.749 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	134805		
123	44.7	34.1	51.1	
65	16.3	12.3	18.5	





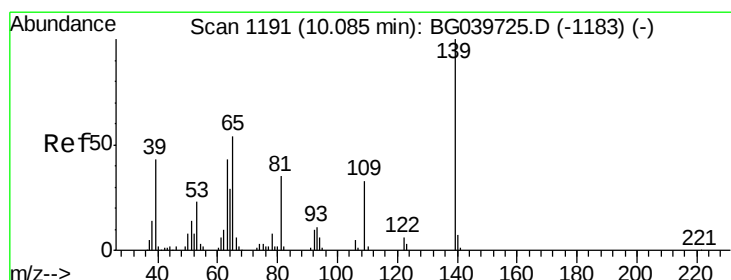
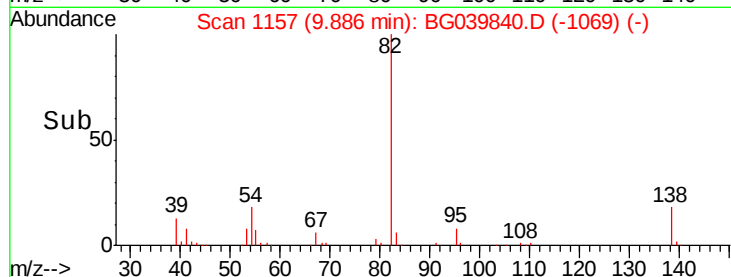
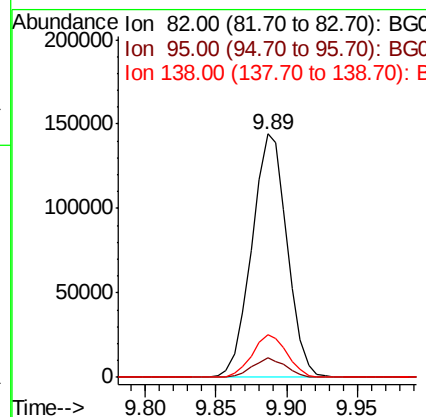
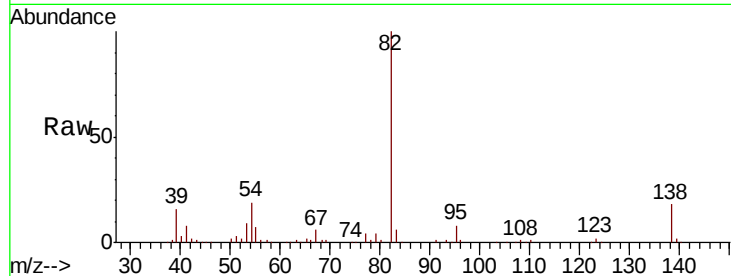
#25
Isophorone
Concen: 37.303 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	252683		
95	8.1		6.2	9.2
138	17.6		13.0	19.4

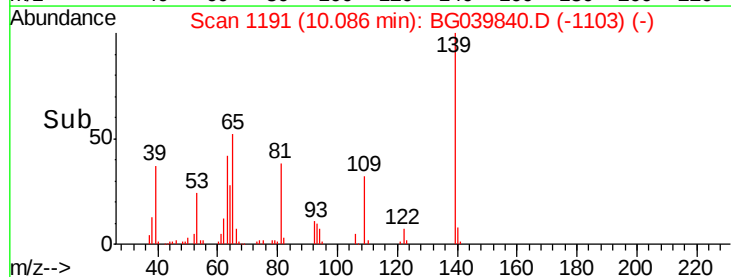
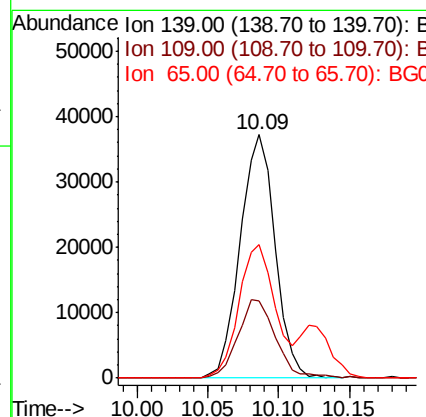
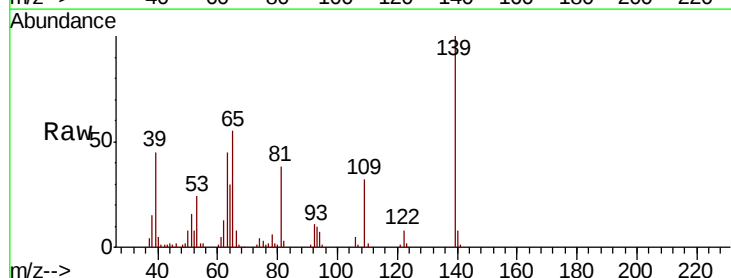
Manual Integrations
APPROVED

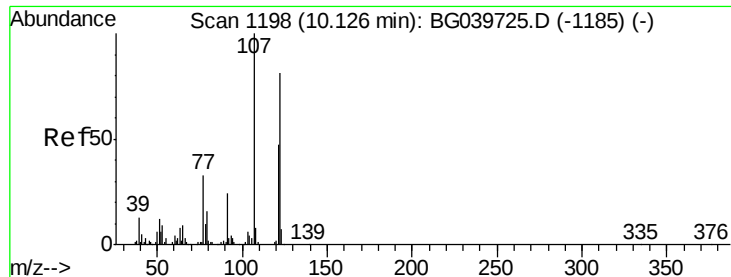
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#26
2-Nitrophenol
Concen: 39.337 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64412		
109	32.0		23.4	35.0
65	54.9		44.3	66.5





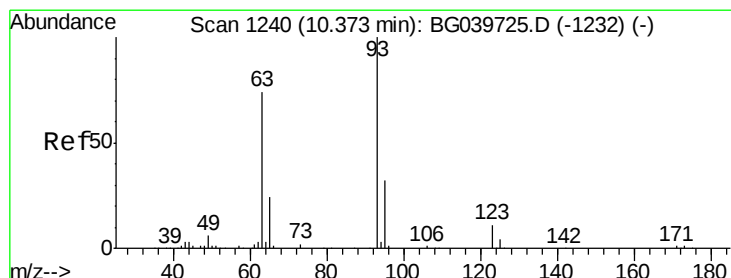
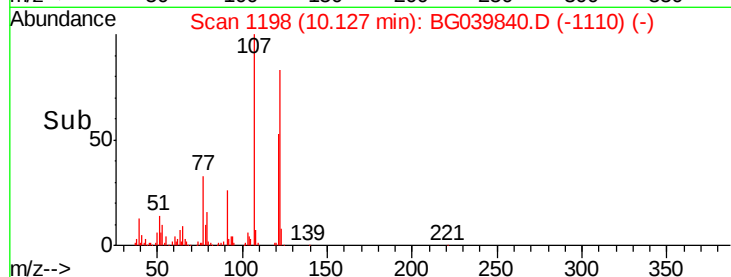
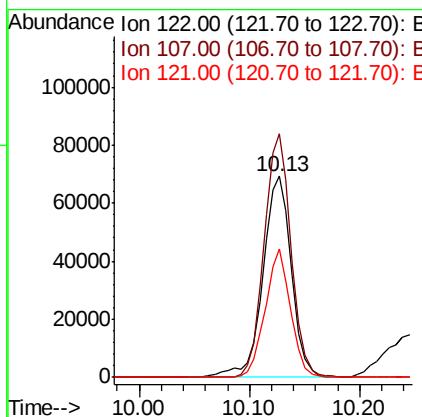
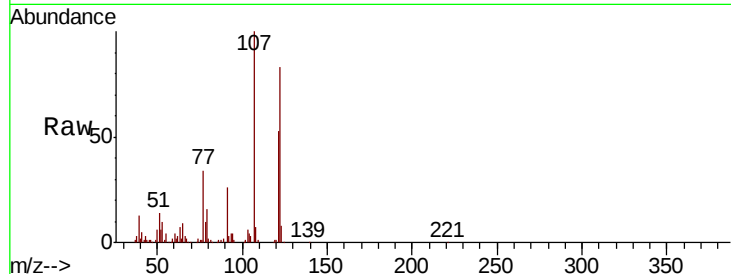
#27
2,4-Dimethylphenol
Concen: 48.888 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampled :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	124503		
107	121.1	91.7	137.5	
121	63.9	46.4	69.6	

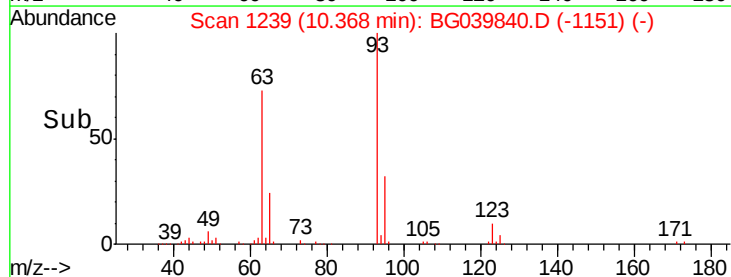
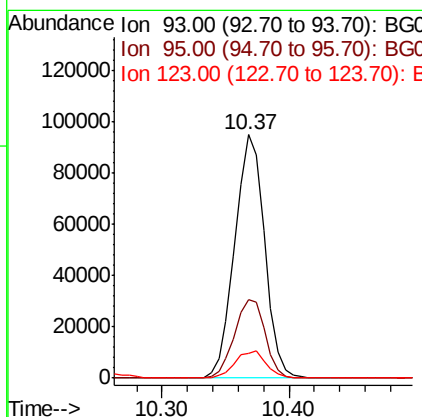
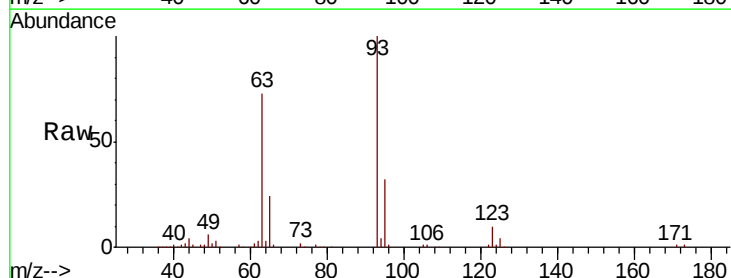
Manual Integrations
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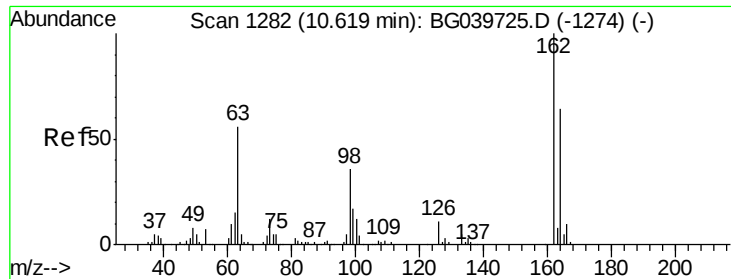
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.478 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154274		
95	32.2	25.0	37.4	
123	10.4	8.6	12.8	





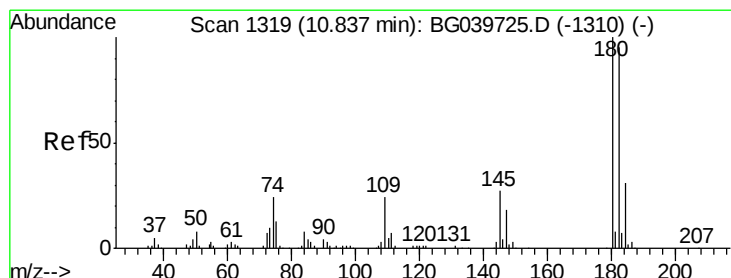
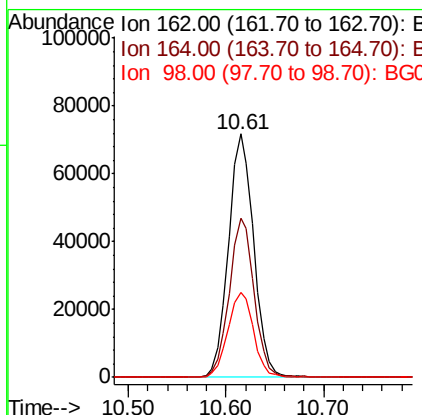
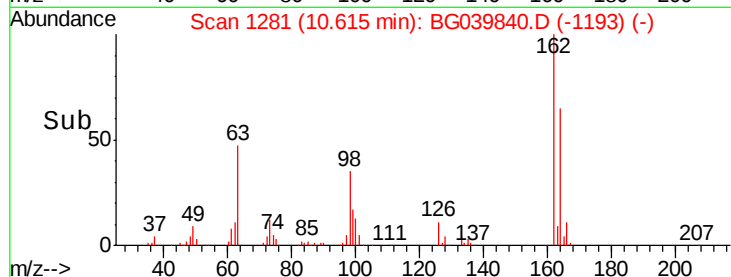
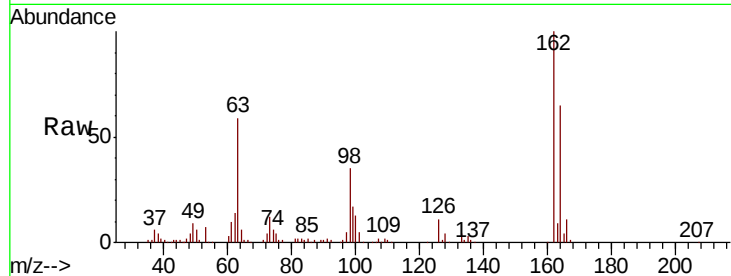
#29
2,4-Dichlorophenol
Concen: 44.711 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	128200		
164	65.2	48.1	88.1	
98	35.0	18.1	58.1	

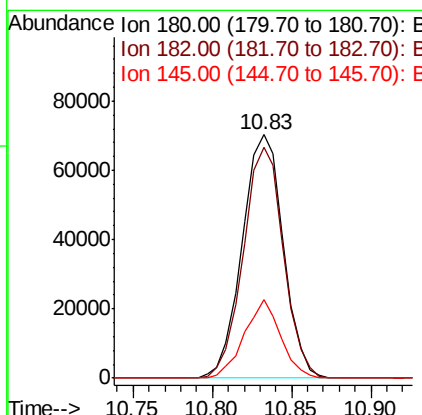
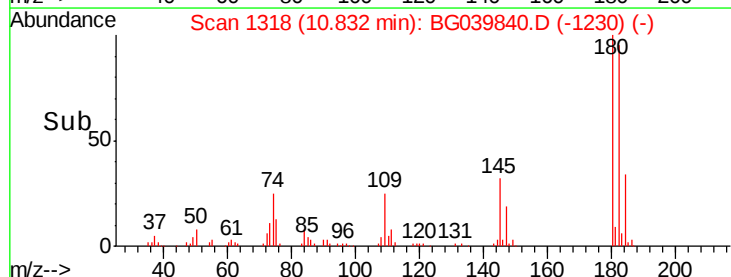
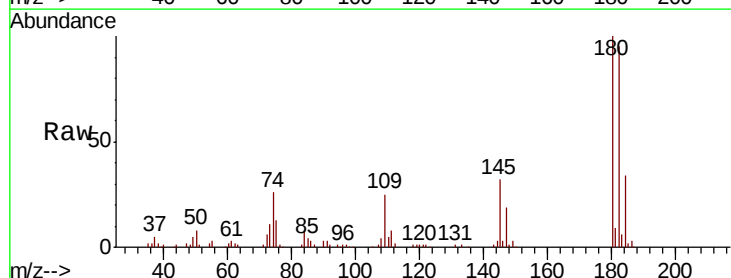
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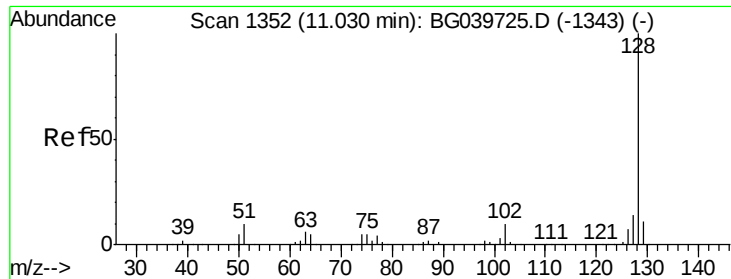
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.173 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126390		
182	94.7	76.0	114.0	
145	32.1	22.7	34.1	





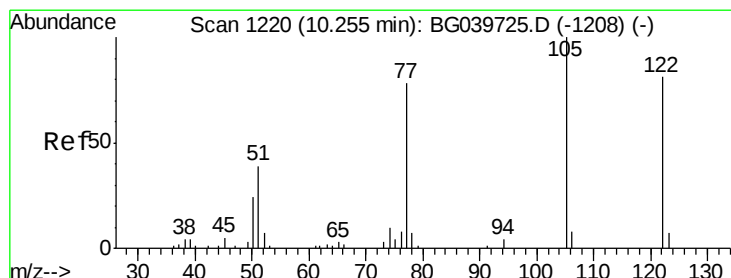
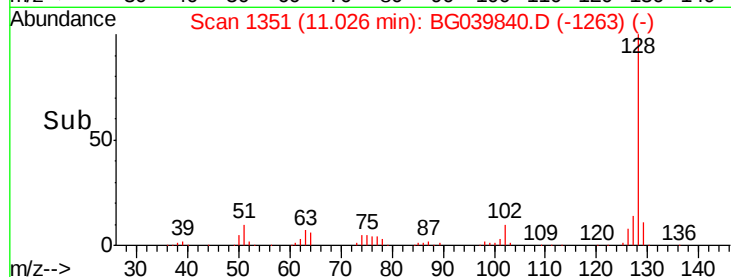
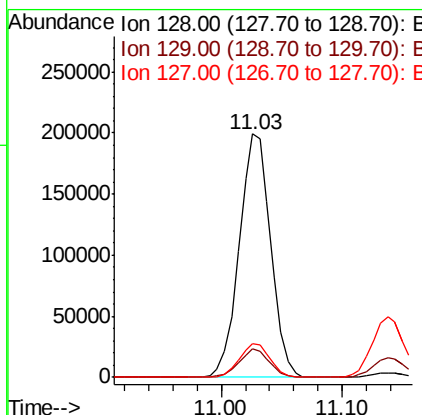
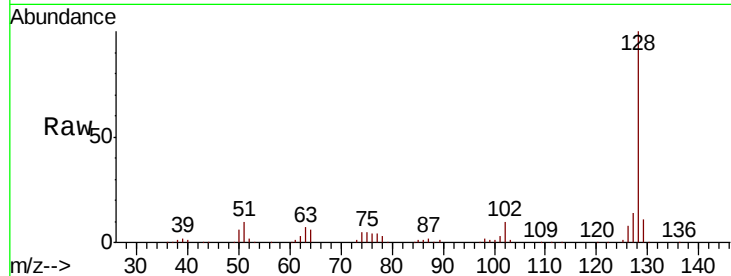
#31
Naphthalene
Concen: 38.853 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	14.0	10.8	16.2

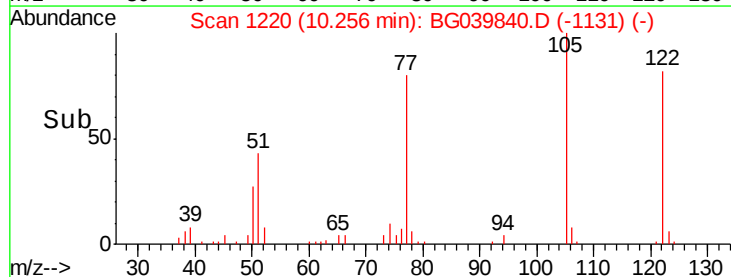
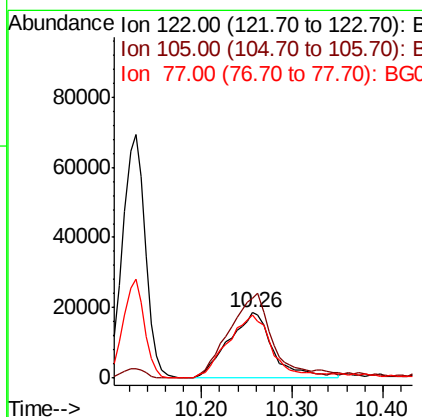
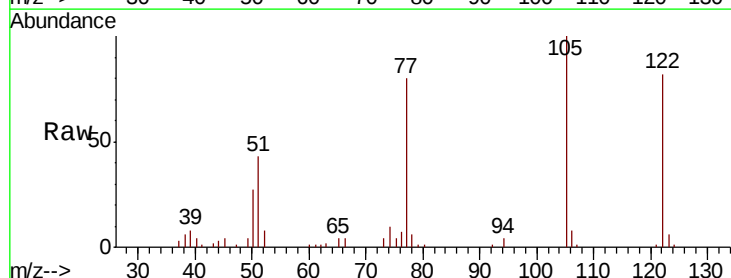
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#32
Benzoic acid
Concen: 38.202 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.8	141.8
77	97.3	76.3	116.3





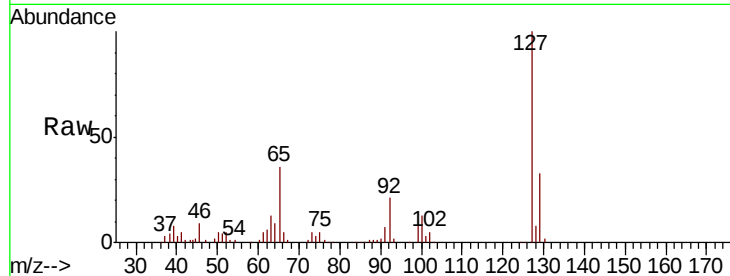
#33
4-Chloroaniline
Concen: 23.451 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

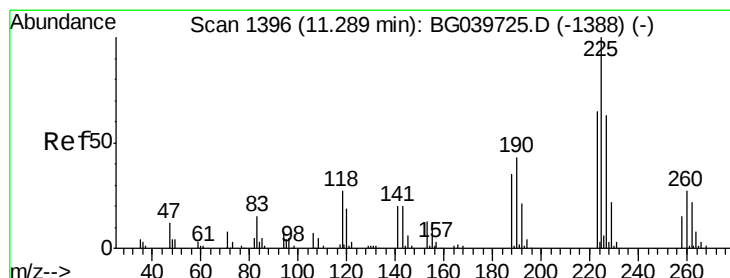
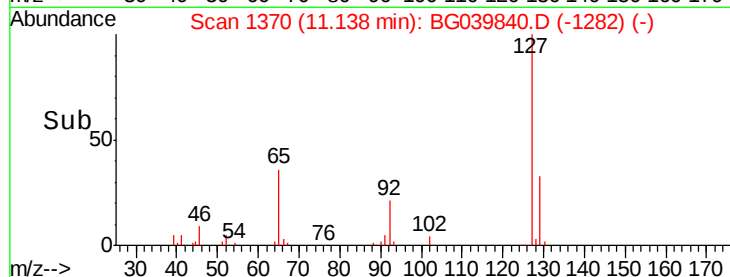
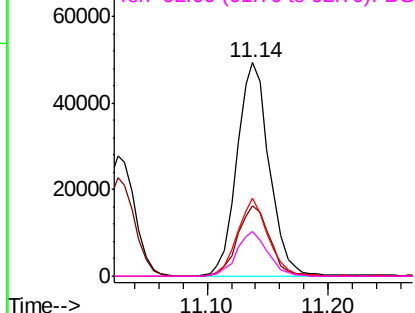
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	27.0	40.4		
65	36.4	28.8	43.2		
92	20.9	16.6	25.0		

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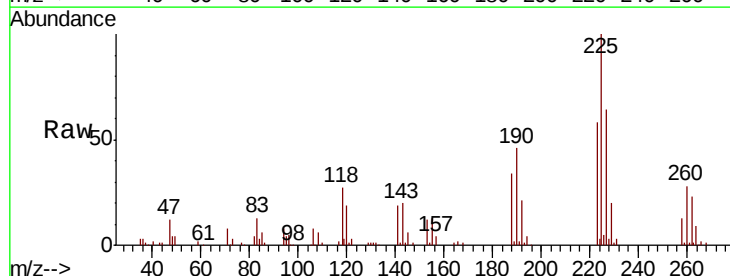


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

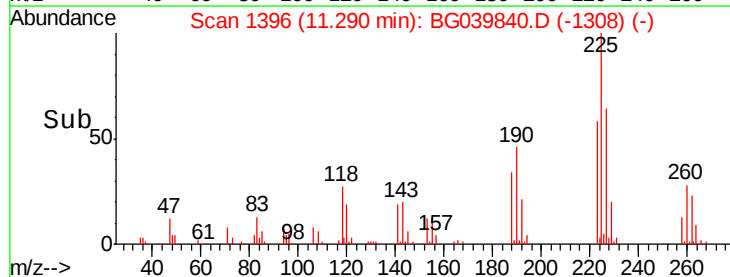
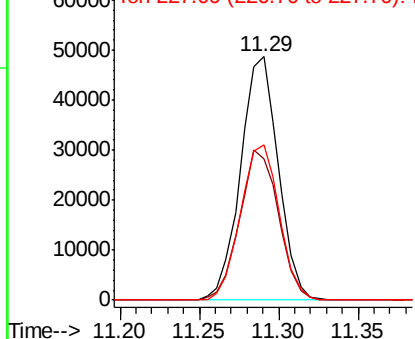


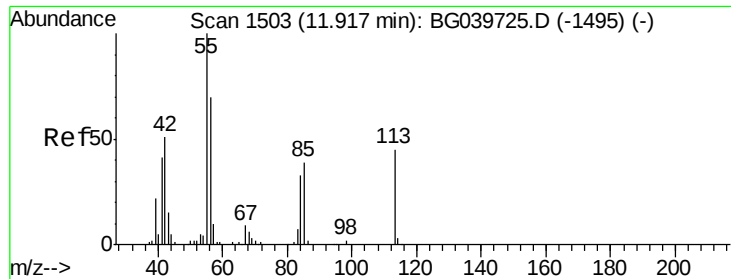
#34
Hexachlorobutadiene
Concen: 36.429 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	58.2	49.0	73.6		
227	63.6	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: 39.962 ng/mL

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampleID :

PB117780BS

Tot Ion:113 Resp: 43770

Ion Ratio Lower Upper

113 100

55 220.6 216.9 256.9

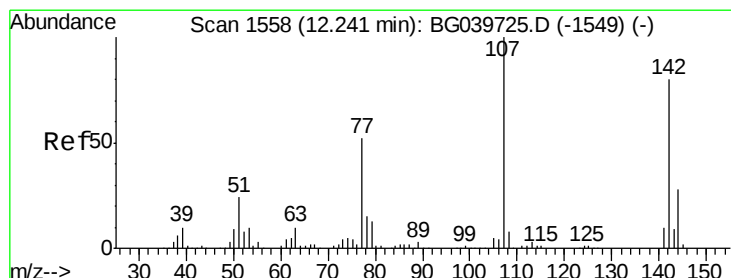
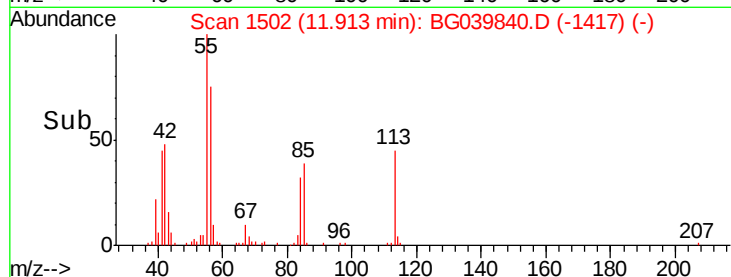
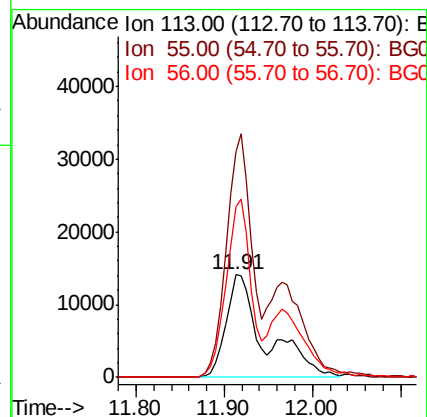
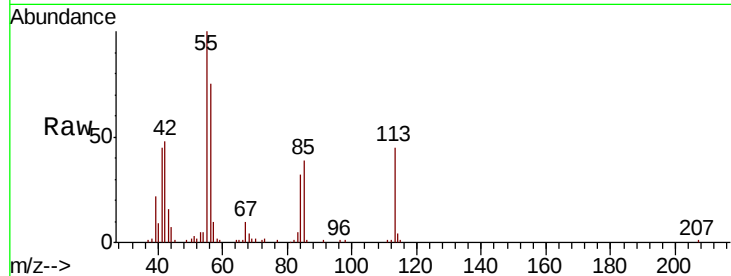
56 165.8 152.6 192.6

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 42.470 ng/mL

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

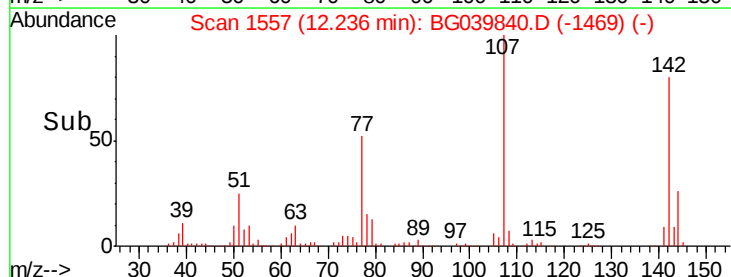
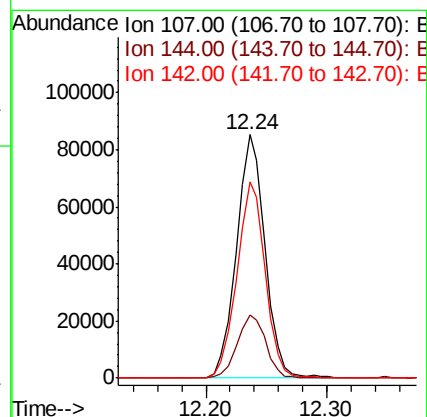
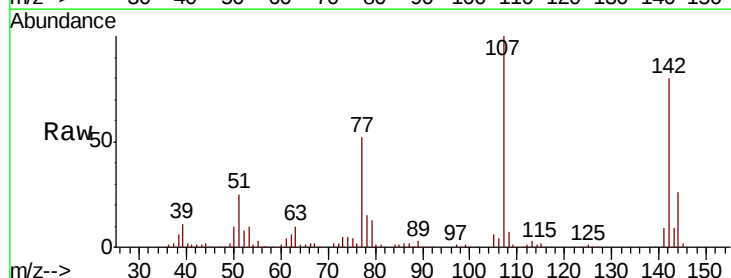
Tgt Ion:107 Resp: 139591

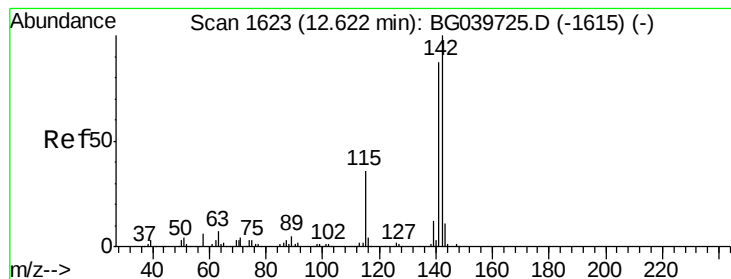
Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

142 80.4 61.4 92.2





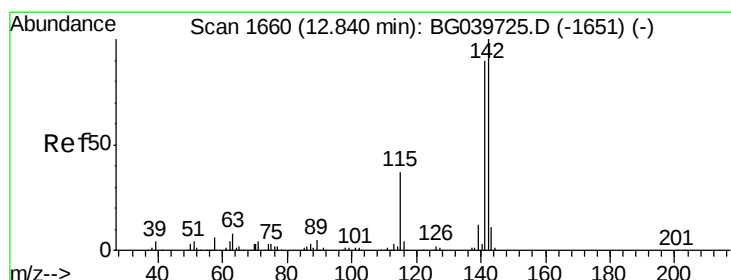
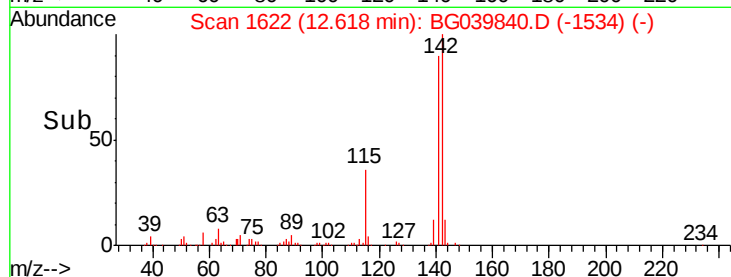
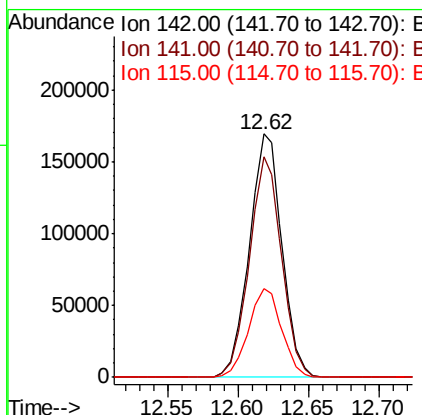
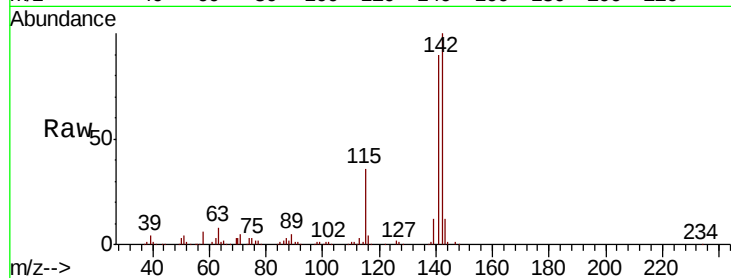
#37
 2-Methylnaphthalene
 Concen: 39.655 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	36.5	30.8	46.2

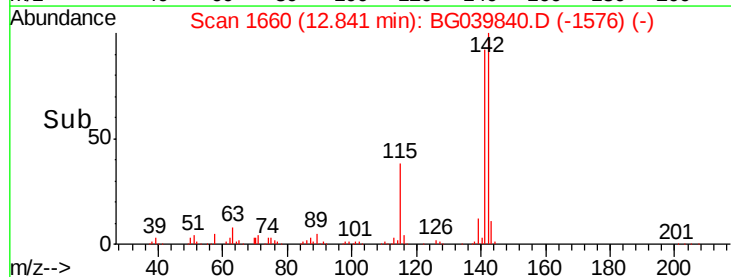
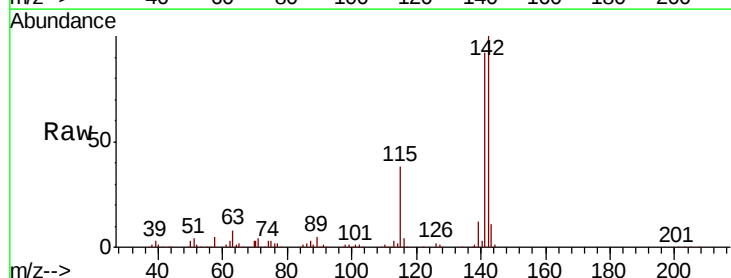
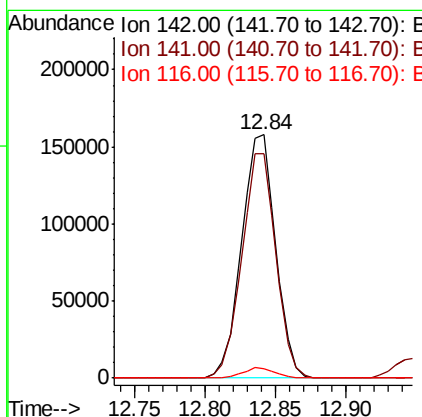
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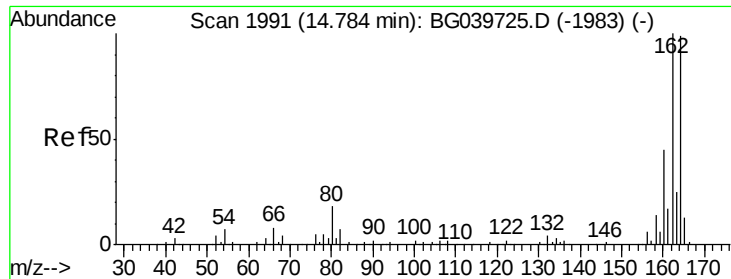
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#38
 1-Methylnaphthalene
 Concen: 39.554 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

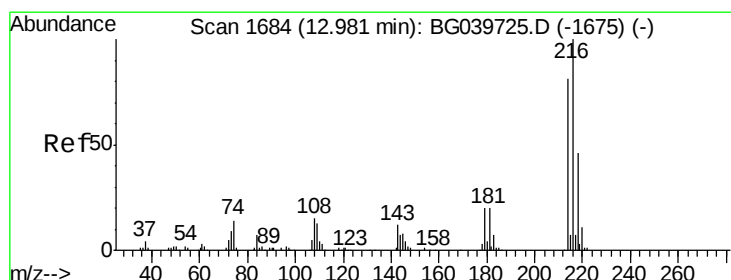
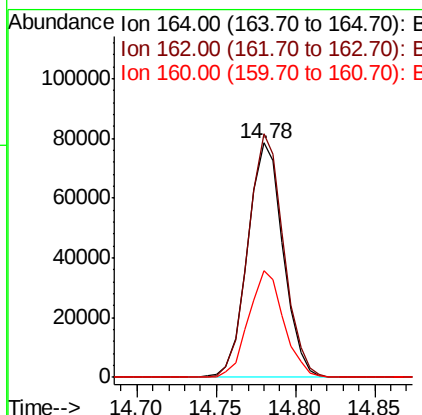
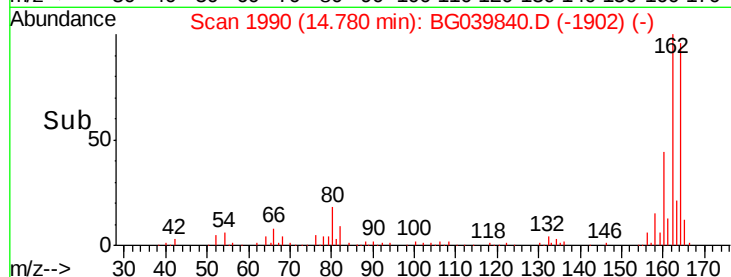
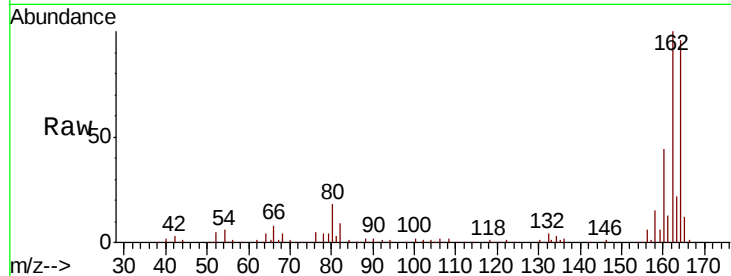
ClientSampleId :

PB117780BS

Tot Ion:	164	Resp:	121854
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.6	122.4
160	45.4	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.284 ng

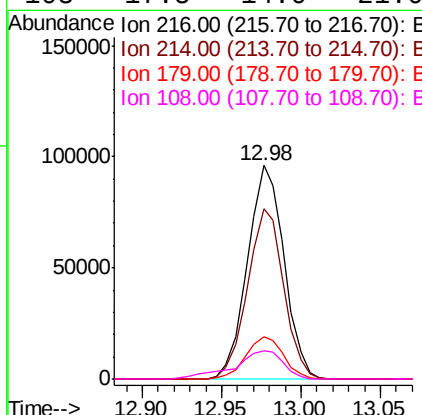
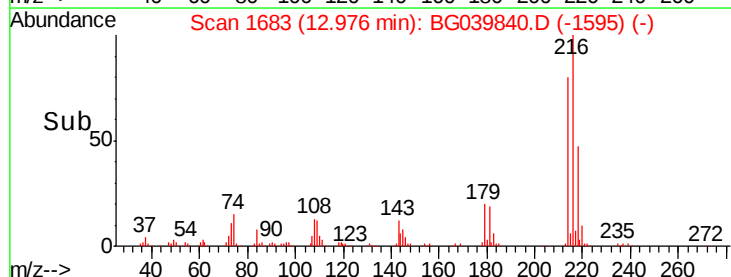
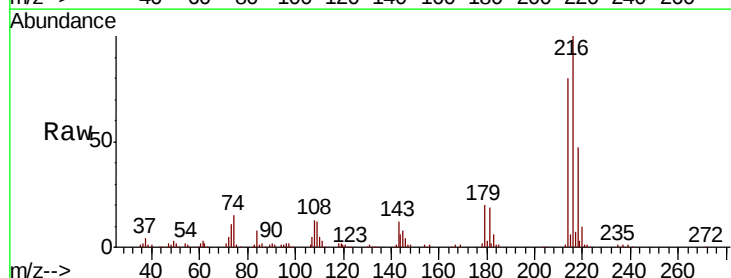
RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	216	Resp:	153913
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	94.0
179	20.2	16.6	25.0
108	17.5	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 80.124 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

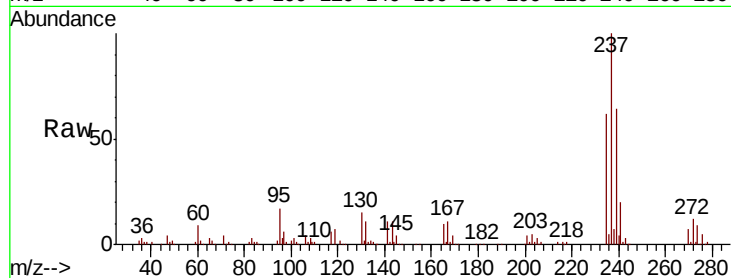
ClientSampleId :

PB117780BS

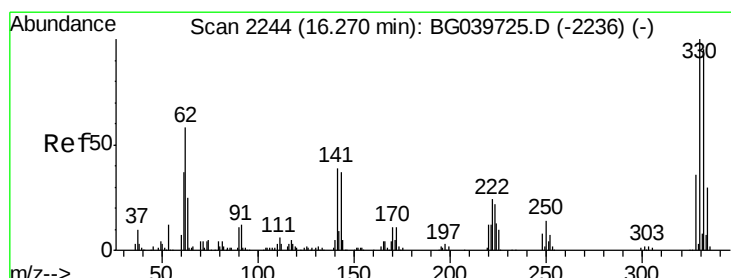
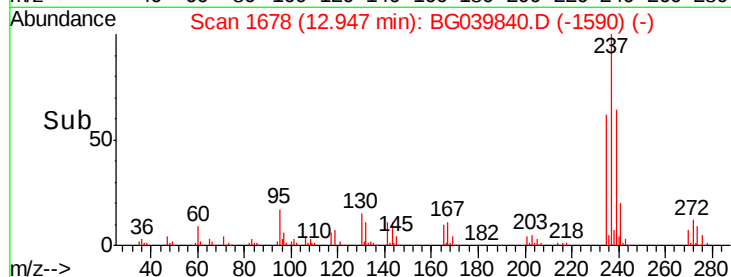
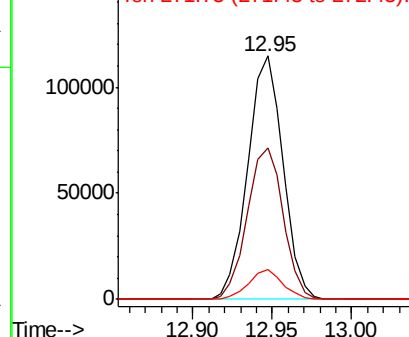
Tot Ion:	237	Resp:	177257
Ion Ratio		Lower	Upper
237	100		
235	62.2	43.3	83.3
272	12.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 137.731 ng

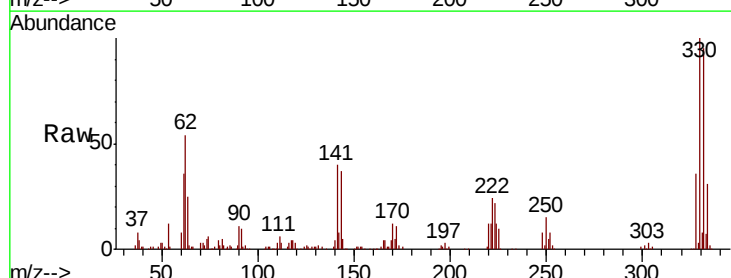
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

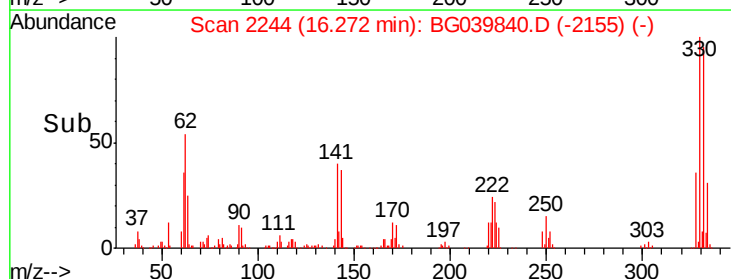
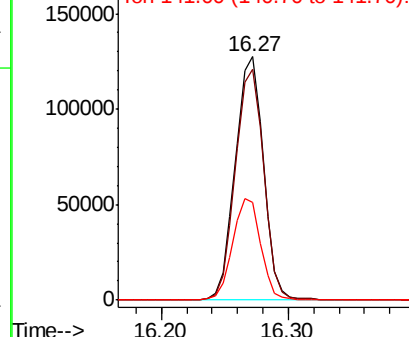
Lab File: BG039840.D

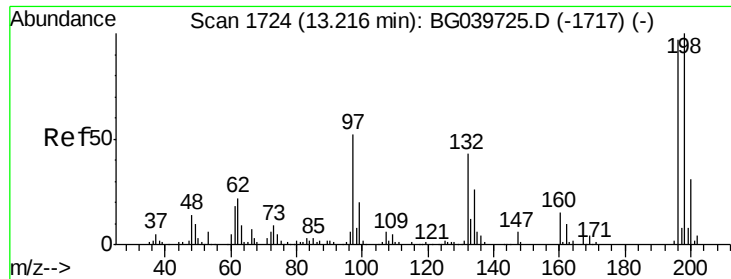
Acq: 11 Mar 2019 13:56

Tgt Ion:	330	Resp:	195619
Ion Ratio		Lower	Upper
330	100		
332	95.4	75.7	113.5
141	41.5	35.6	53.4



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





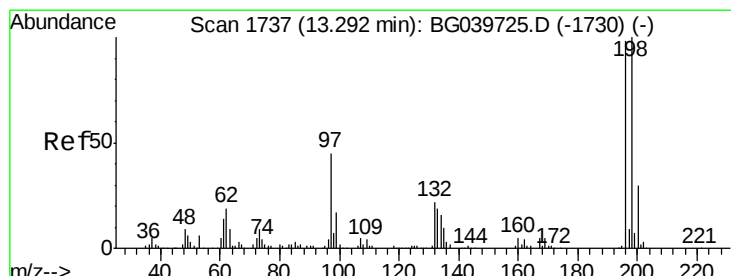
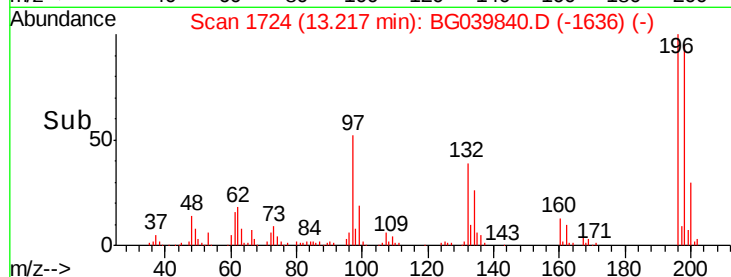
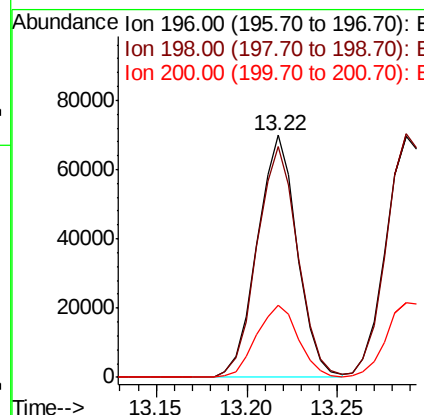
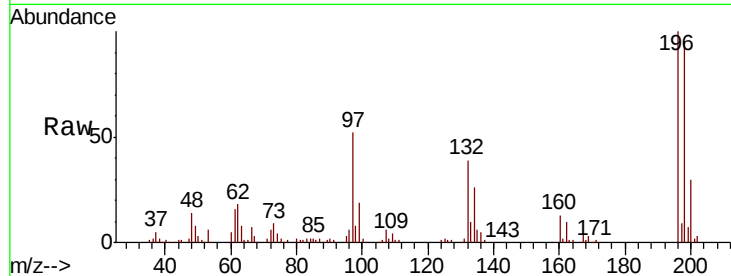
#43
 2,4,6-Trichlorophenol
 Concen: 44.444 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107414		
198	95.4	80.6	121.0	
200	29.6	26.1	39.1	

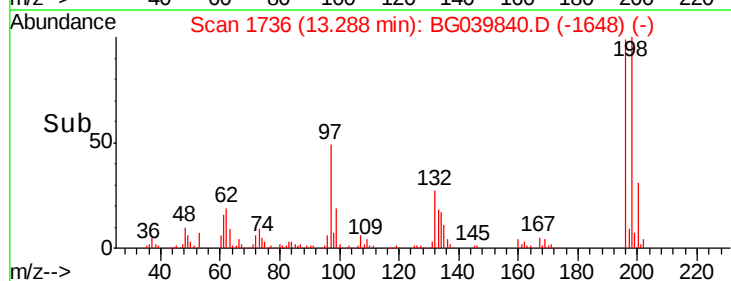
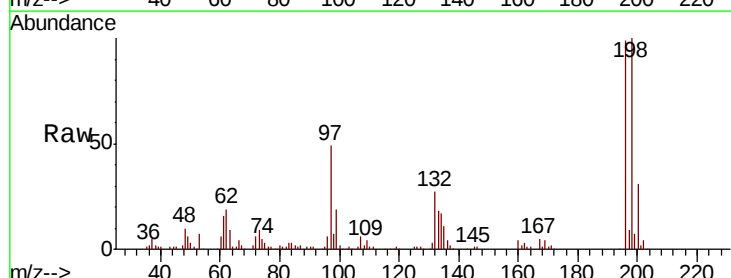
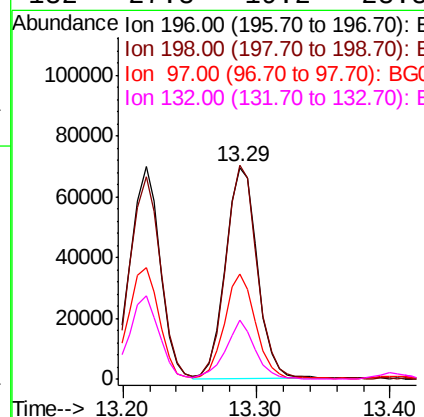
Manual Integrations
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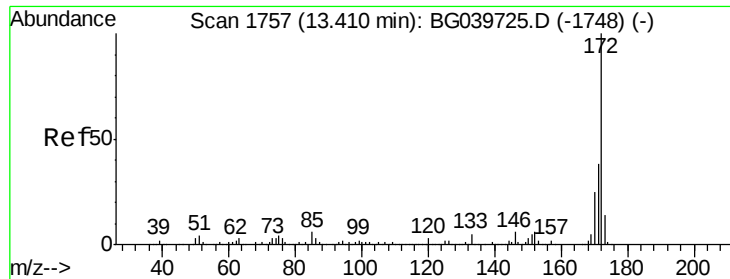
Sohil
 3/12/2019 4:42:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.747 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116451		
198	101.1	78.5	117.7	
97	49.5	38.4	57.6	
132	27.8	19.2	28.8	





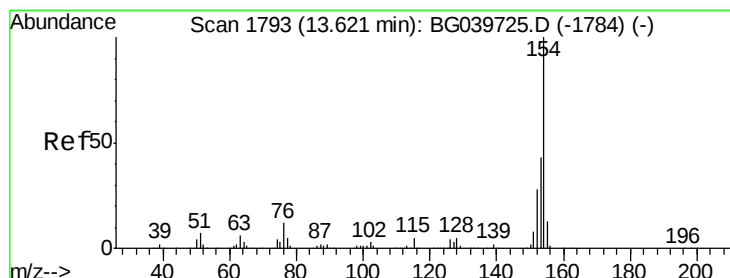
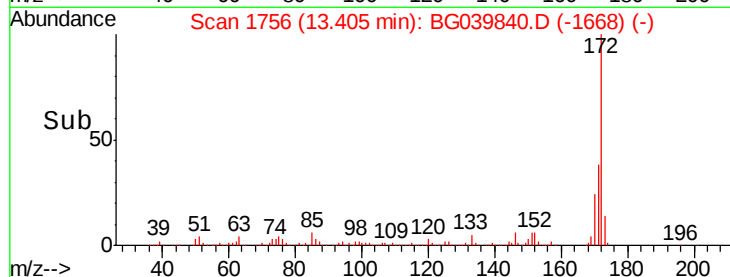
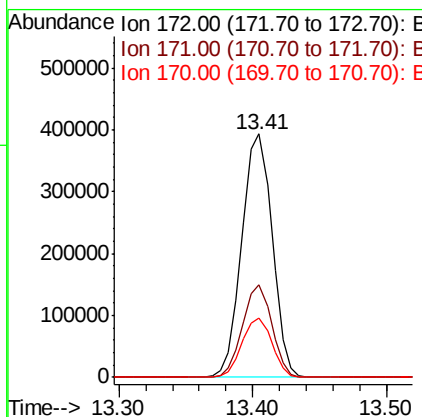
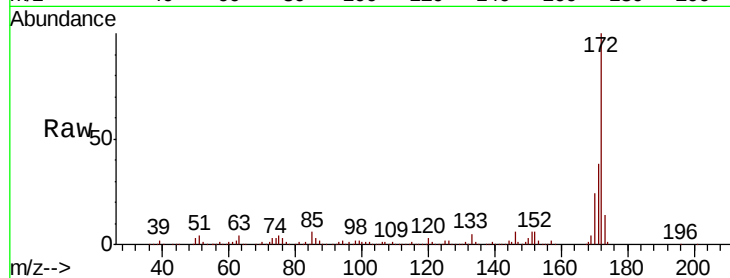
#45
2-Fluorobiphenyl
Concen: 72.273 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampled :
PB117780BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.5	20.2	30.4

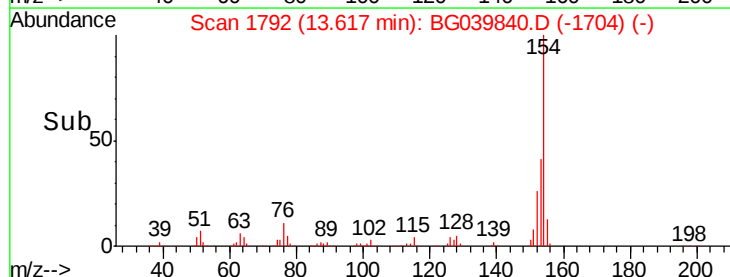
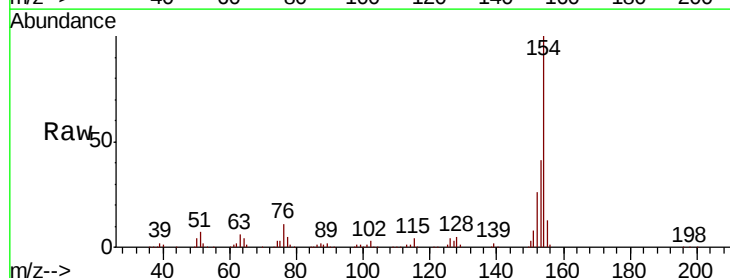
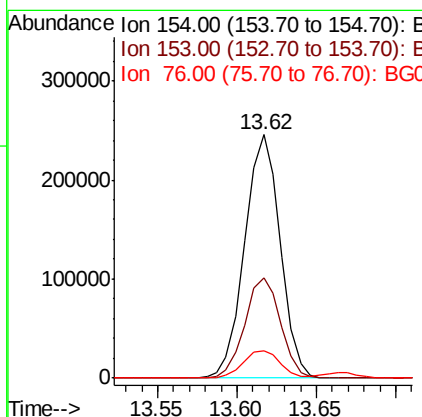
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#46
1,1'-Biphenyl
Concen: 37.992 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	11.2	0.0	32.4





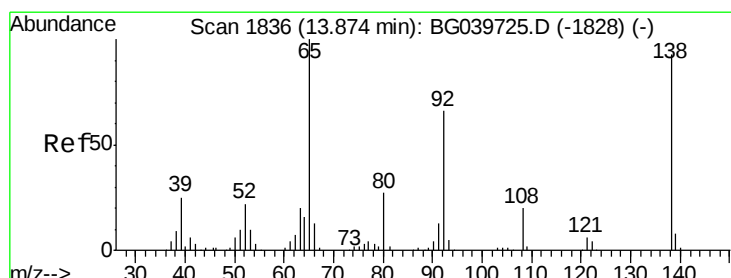
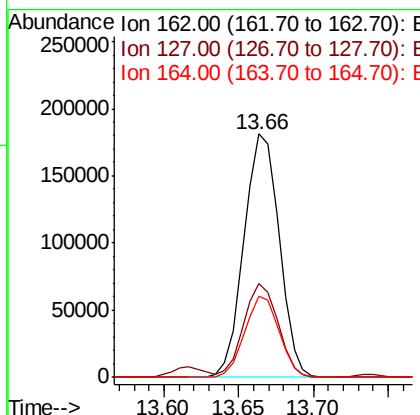
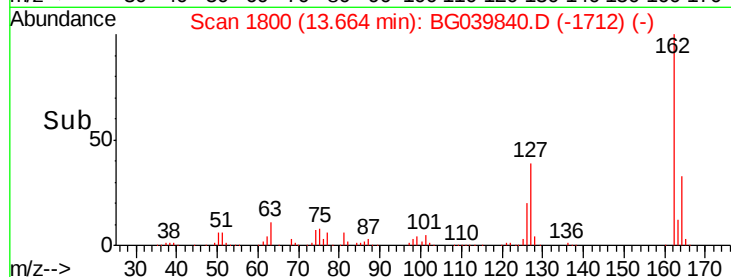
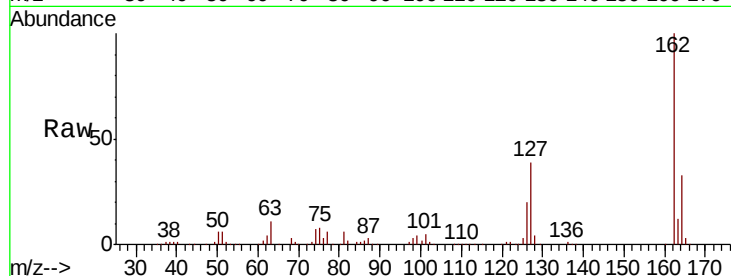
#47
 2-Chloronaphthalene
 Concen: 39.298 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.6
164	33.1	25.7	38.5

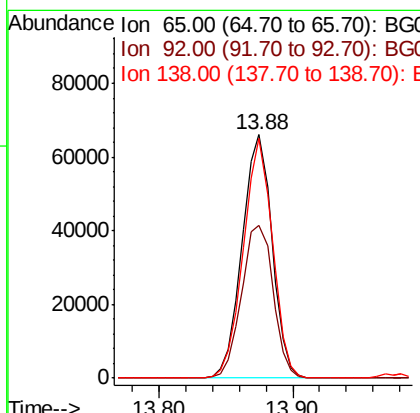
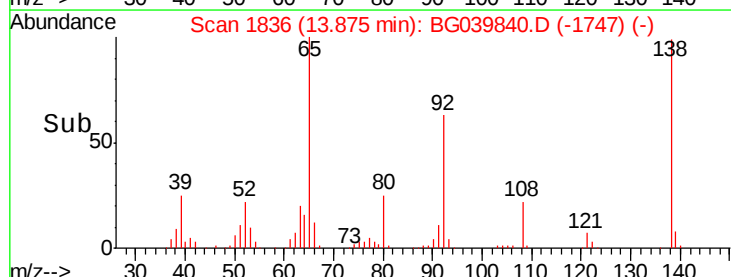
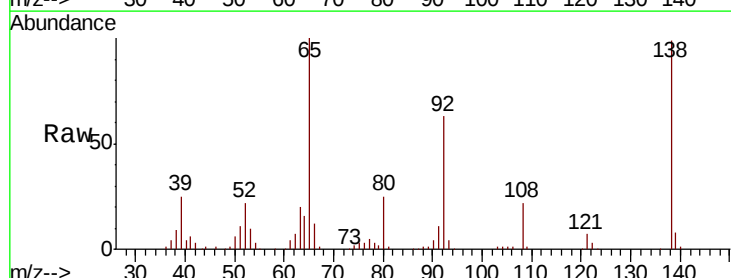
Manual Integrations
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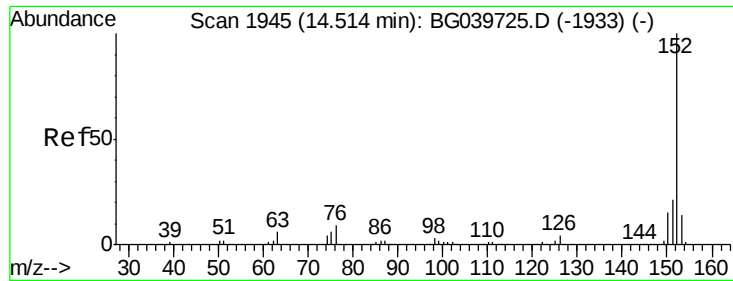
Sohil
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#48
 2-Nitroaniline
 Concen: 42.237 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	51.4	77.2
138	98.6	71.4	107.2





#49

Acenaphthylene

Concen: 38.267 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

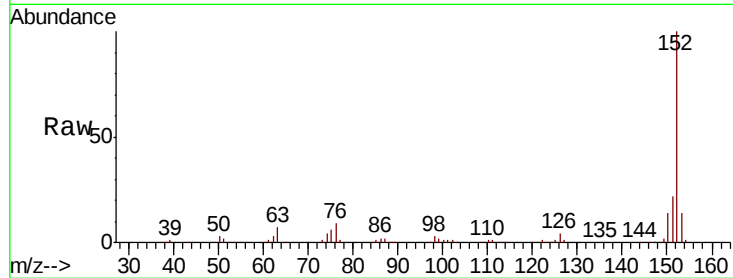
ClientSampleId :

PB117780BS

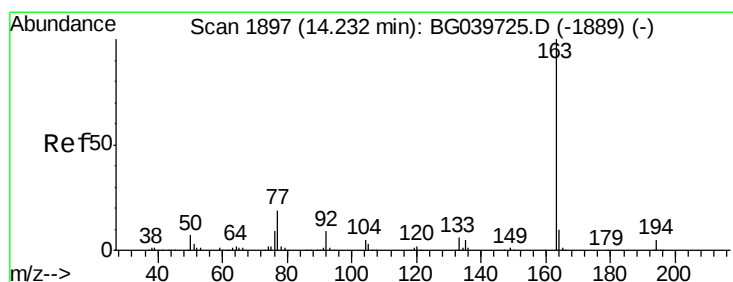
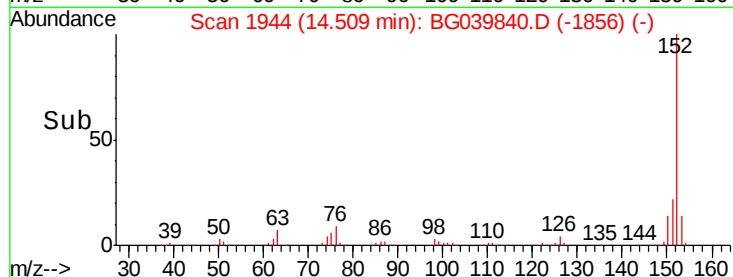
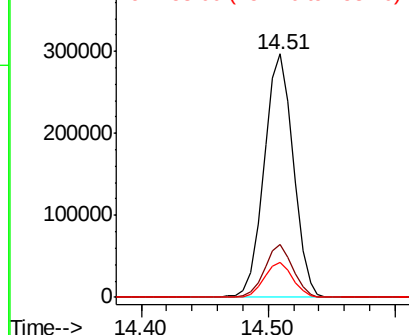
Tot Ion:	152	Resp:	473643
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	14.3	11.7	17.5

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



#50

Dimethylphthalate

Concen: 39.355 ng

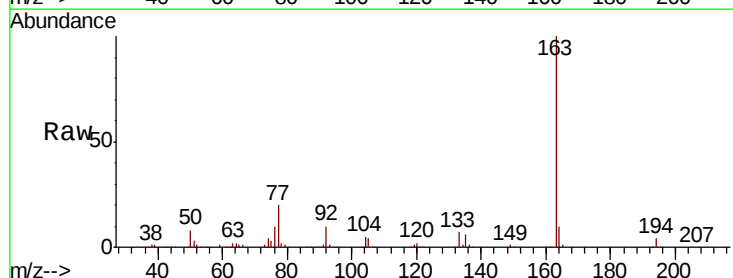
RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

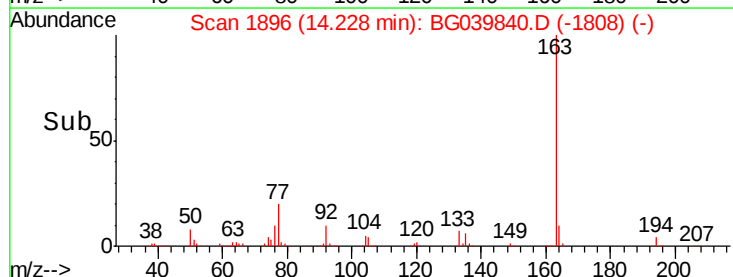
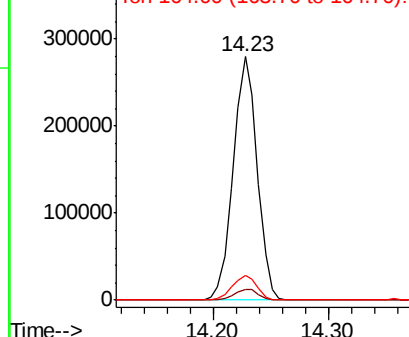
Lab File: BG039840.D

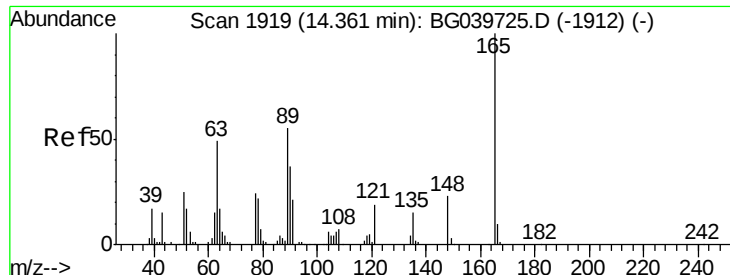
Acq: 11 Mar 2019 13:56

Tgt Ion:	163	Resp:	401004
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.4	8.4	12.6



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





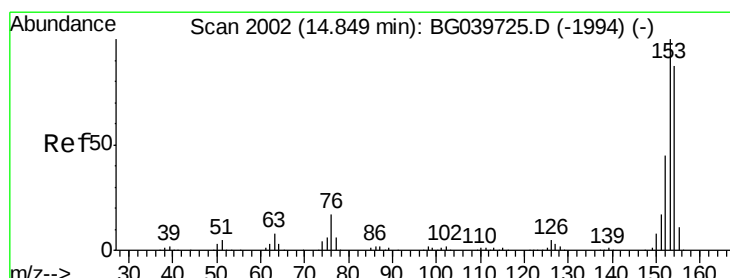
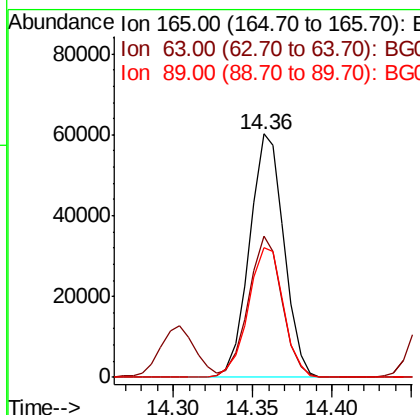
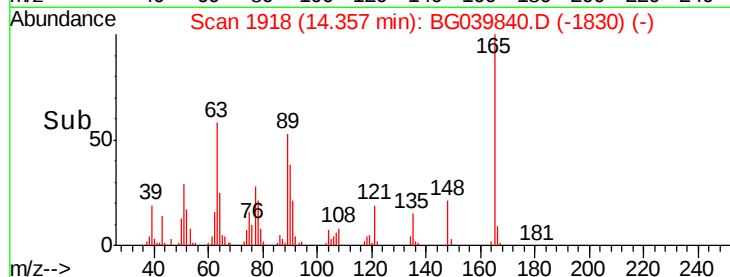
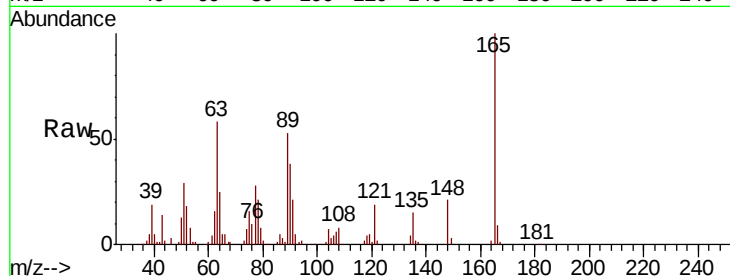
#51
2,6-Dinitrotoluene
Concen: 41.934 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.8	47.0	70.6	
89	53.2	45.8	68.8	

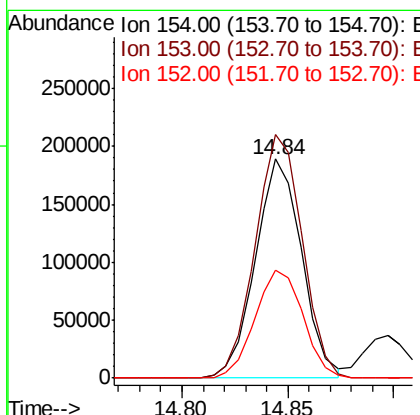
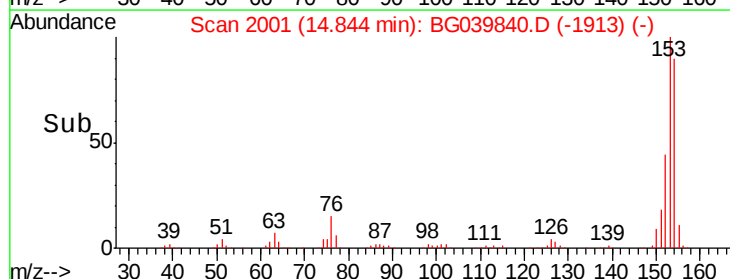
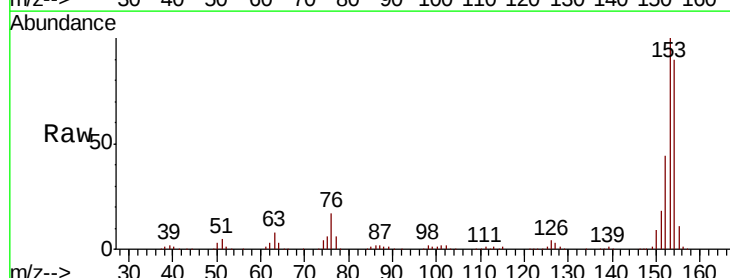
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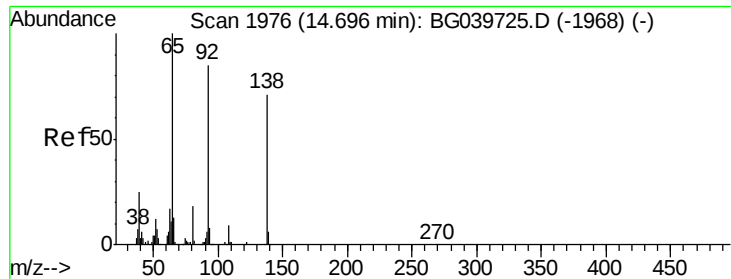
Sohil
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#52
Acenaphthene
Concen: 38.802 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.1	90.1	135.1	
152	49.2	40.9	61.3	





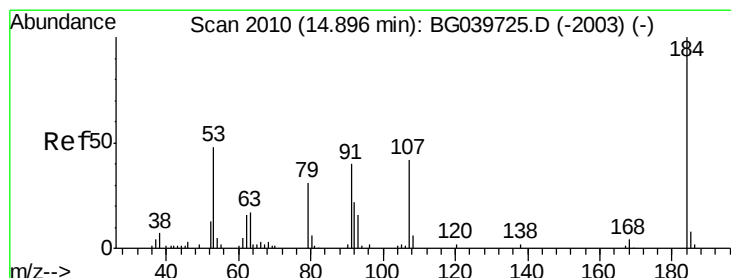
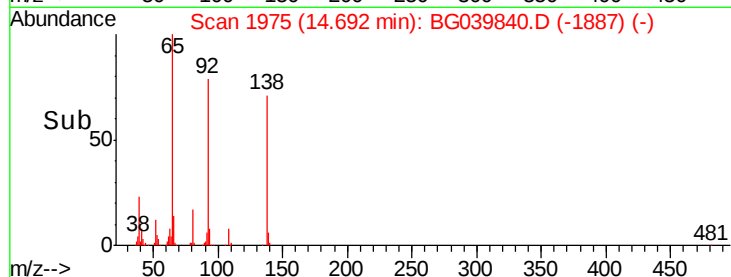
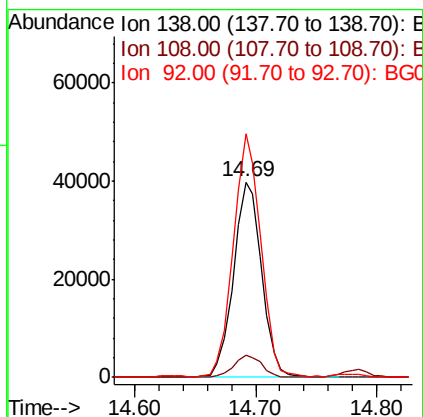
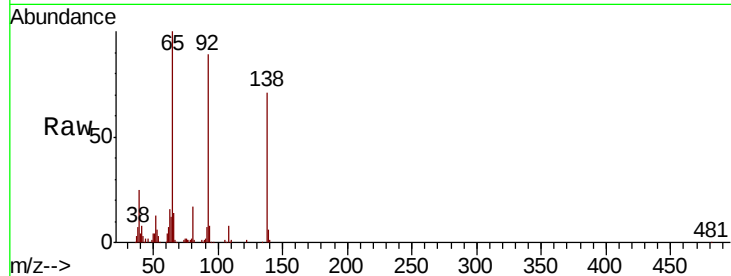
#53
3-Nitroaniline
Concen: 29.682 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion:138 Resp: 64450
Ion Ratio Lower Upper
138 100
108 11.7 13.8 20.8#
92 124.9 103.7 155.5

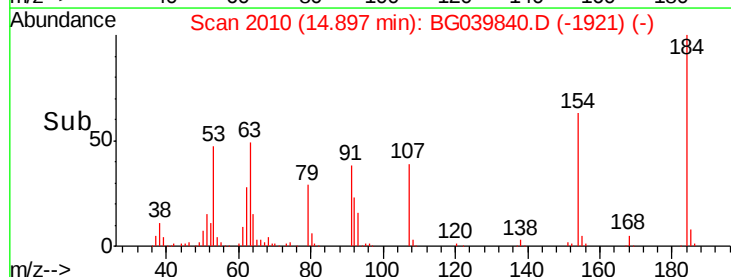
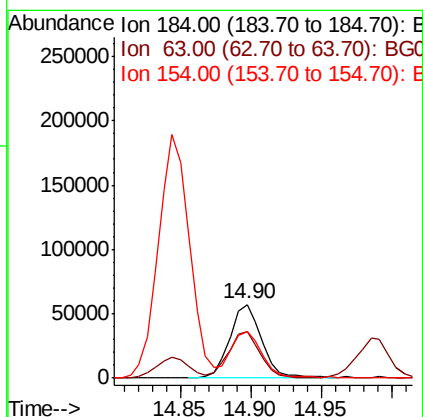
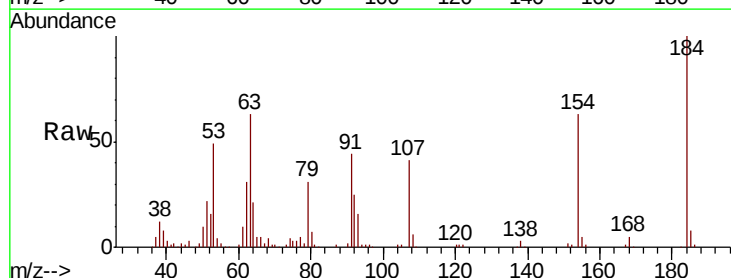
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#54
2,4-Dinitrophenol
Concen: 67.525 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:184 Resp: 90789
Ion Ratio Lower Upper
184 100
63 63.1 50.9 76.3
154 63.4 53.0 79.6





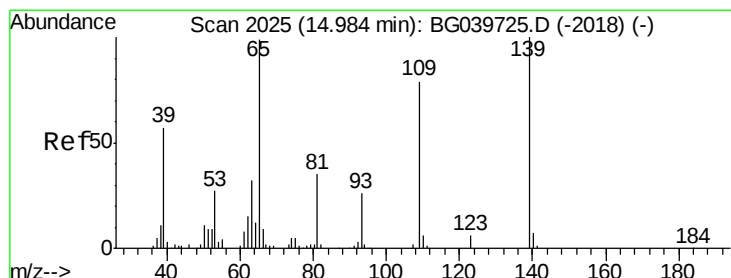
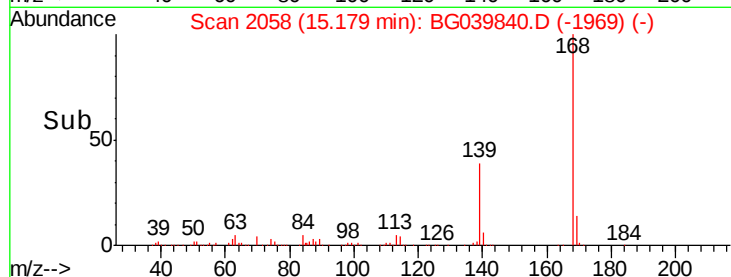
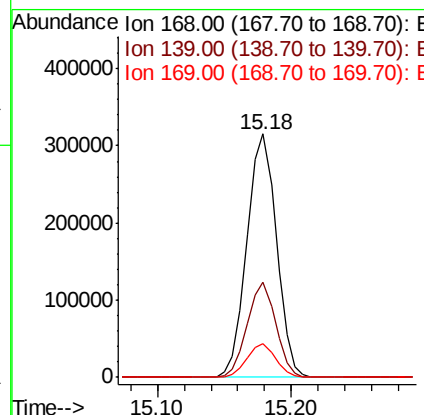
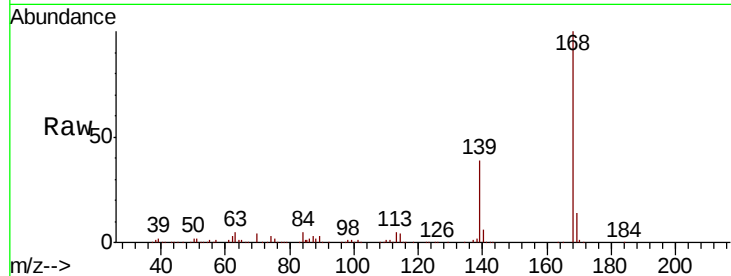
#55
Dibenzenofuran
Concen: 39.390 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.7	10.6	16.0

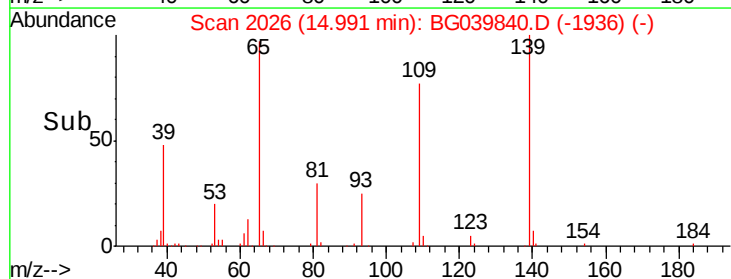
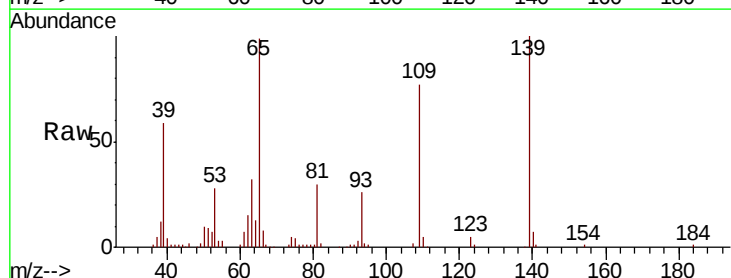
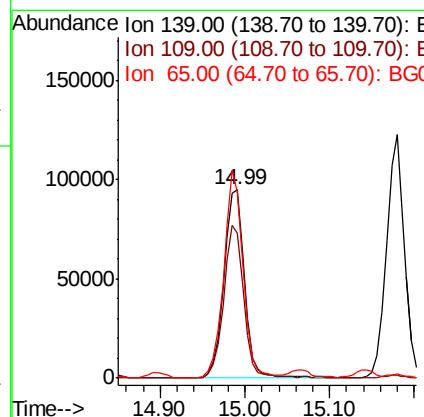
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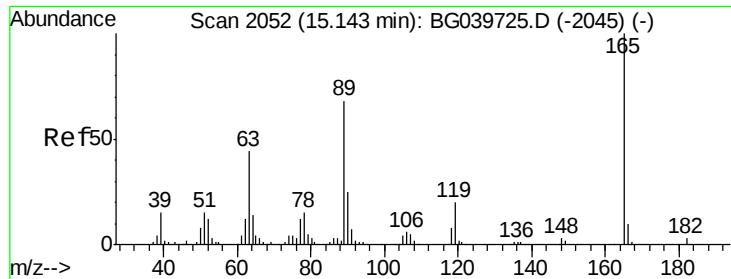
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#56
4-Nitrophenol
Concen: 82.912 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	61.9	101.9
65	99.1	99.1	139.1





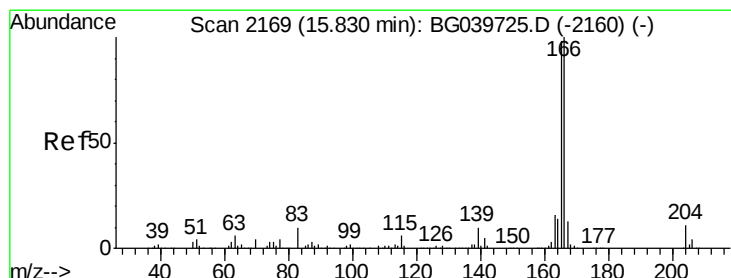
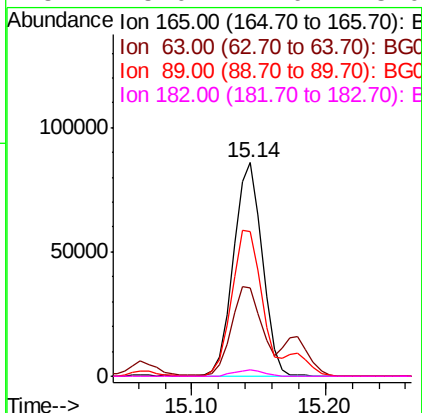
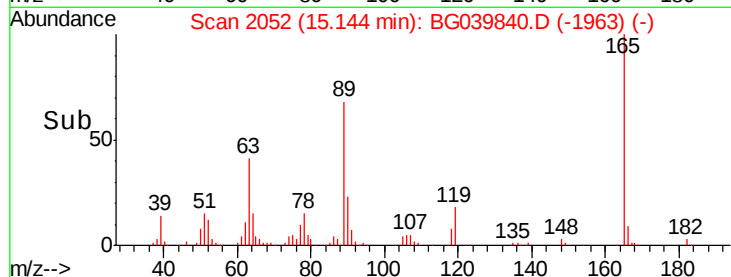
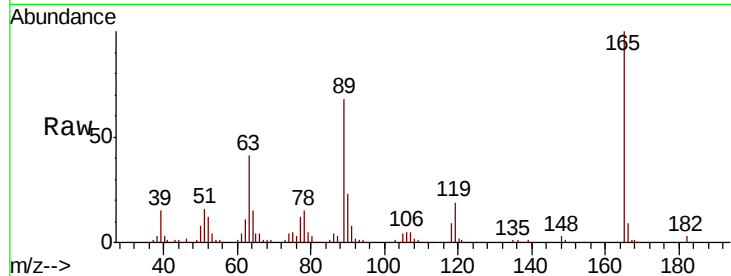
#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampled :
PB117780BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128311		
63	41.4		41.0	61.6
89	67.9		64.6	96.8
182	3.0		2.0	3.0#

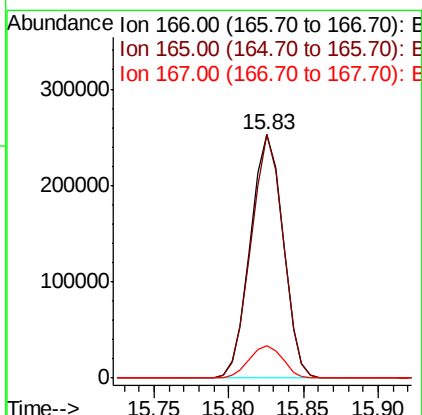
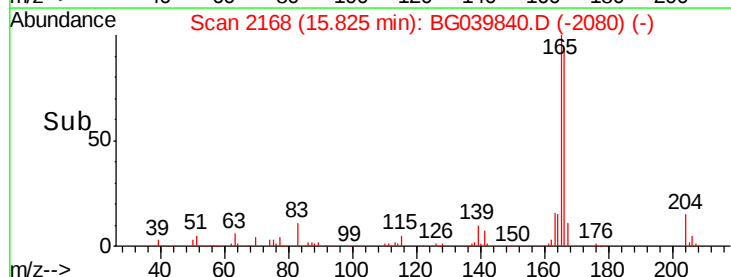
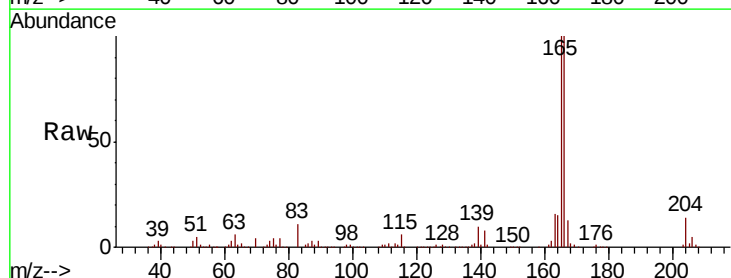
Manual Integrations
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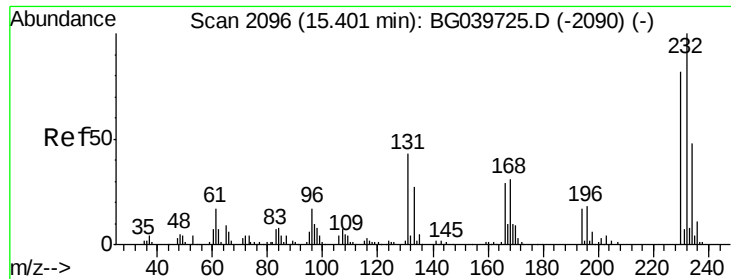
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#58
Fluorene
Concen: 39.875 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	383137		
165	100.0		77.9	116.9
167	13.5		10.8	16.2





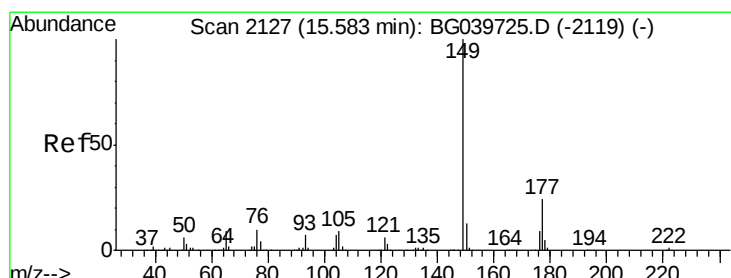
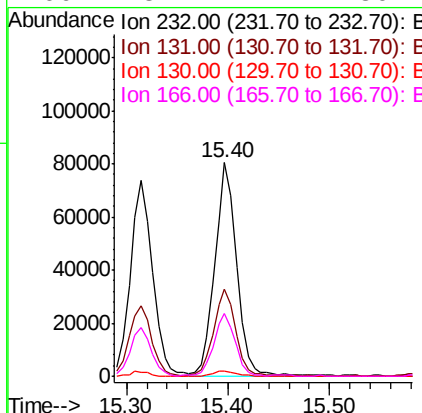
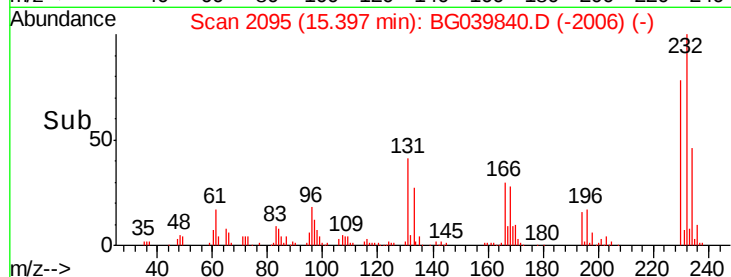
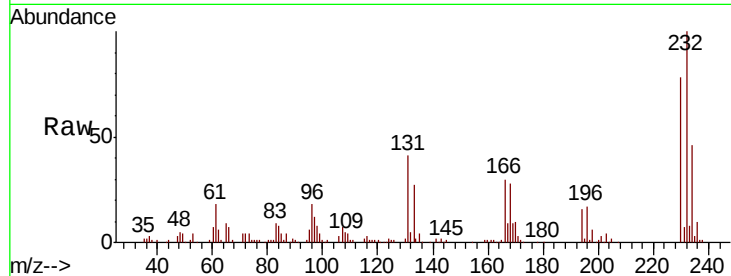
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.055 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	40.5	34.9	52.3		
130	2.3	2.0	3.0		
166	28.2	24.1	36.1		

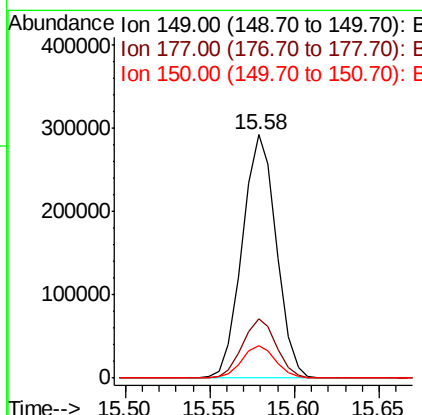
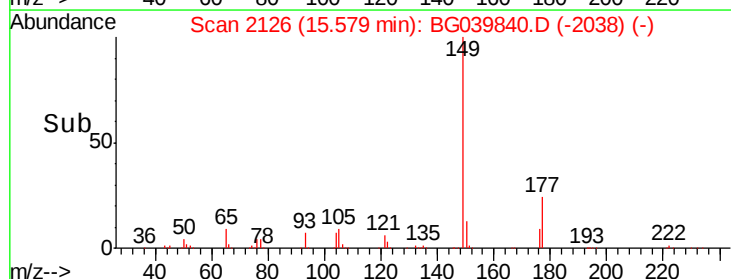
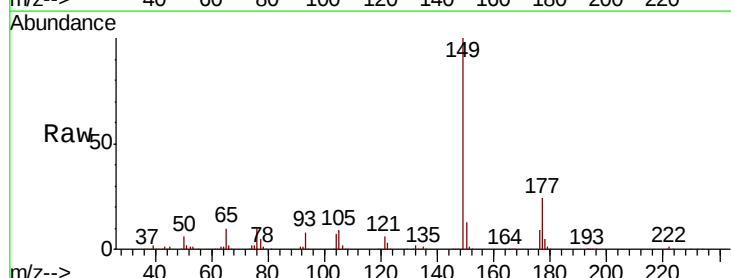
Manual Integrations
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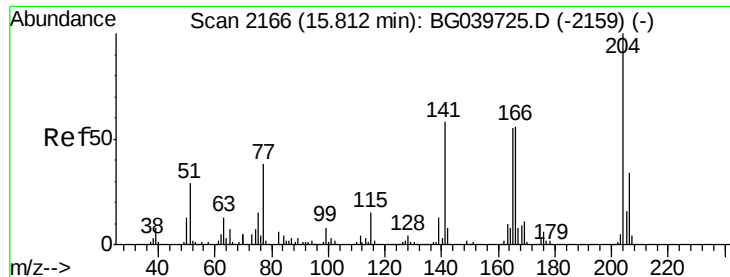
Sohil
 3/12/2019 4:42:22 PM



#60
 Diethylphthalate
 Concen: 40.636 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.3	18.3	27.5		
150	13.4	10.2	15.2		





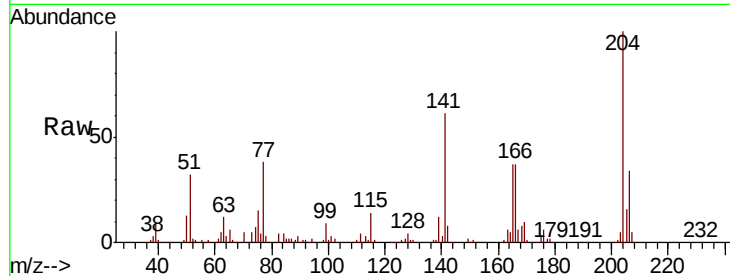
#61
4-Chlorophenyl-phenylether
Concen: 39.625 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	29.2	43.8
141	60.7	49.0	73.4

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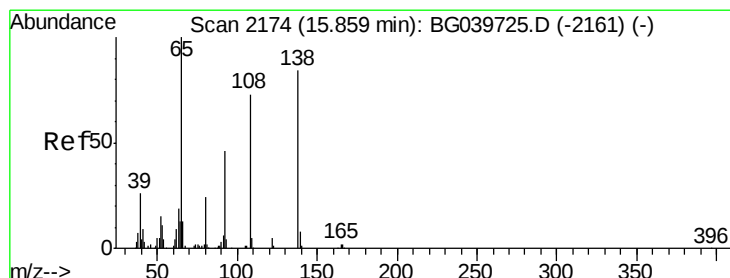
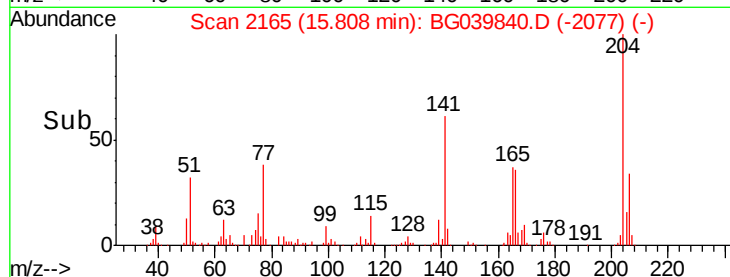
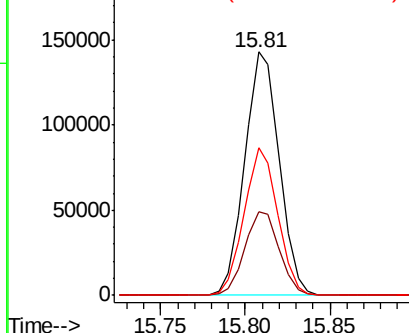


Abundance

Ion 204.00 (203.70 to 204.70): E

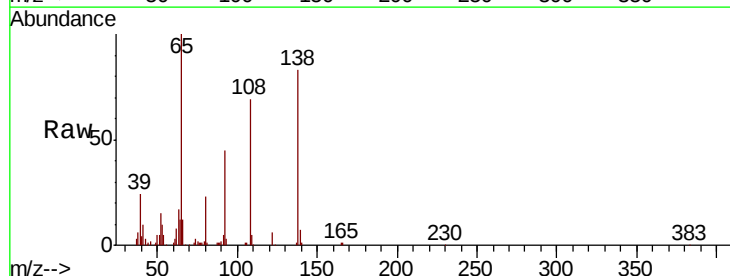
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.989 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	38.7	78.7
108	83.6	74.6	114.6

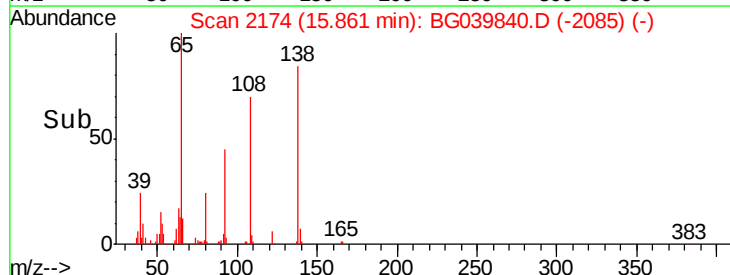
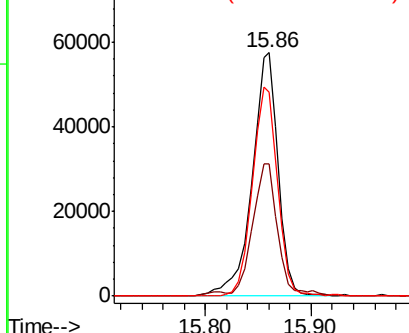


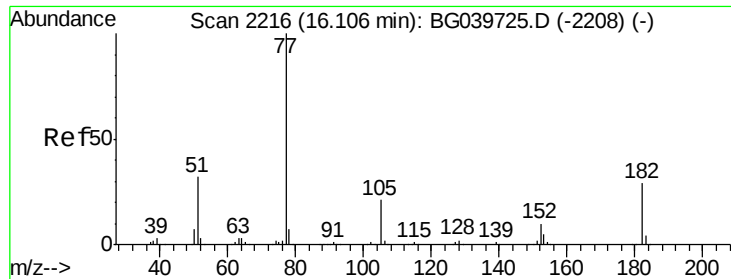
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





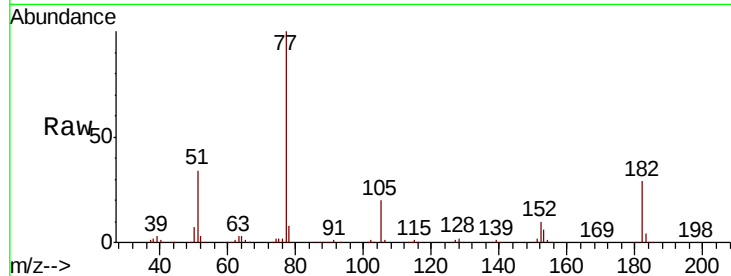
#63
Azobenzene
Concen: 40.584 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.1	6.4	46.4	
105	20.5	0.0	39.8	
51	33.8	14.1	54.1	

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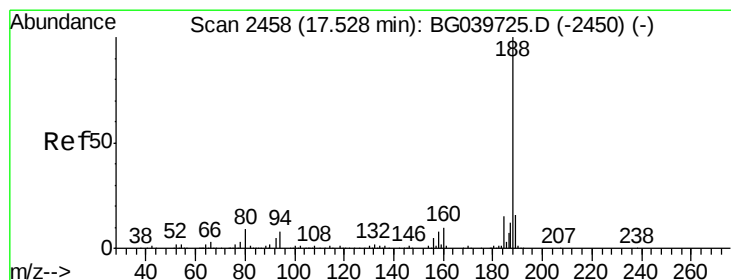
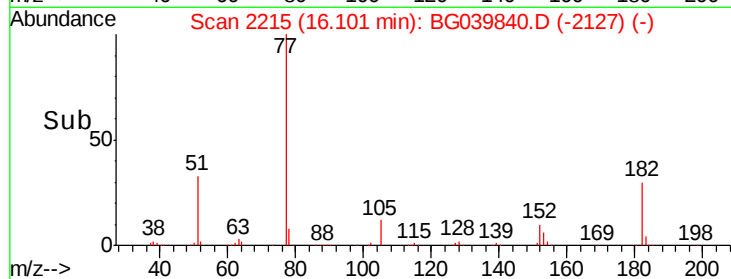
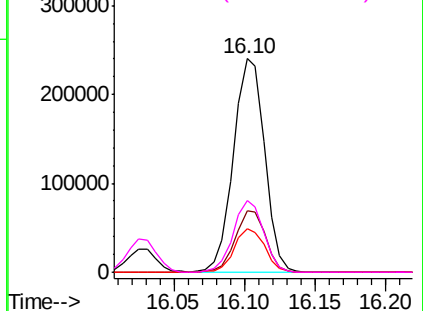
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

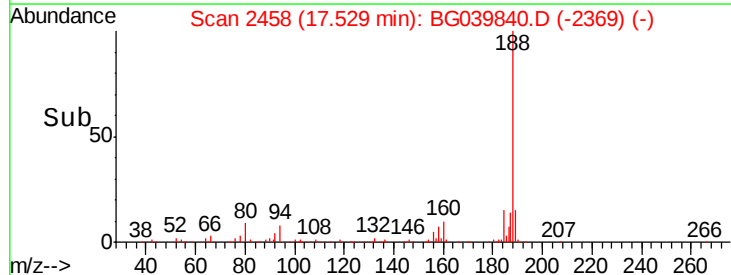
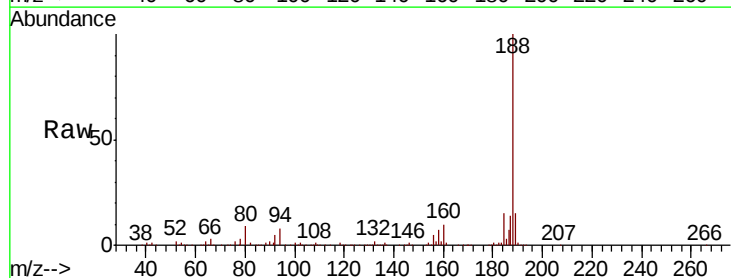
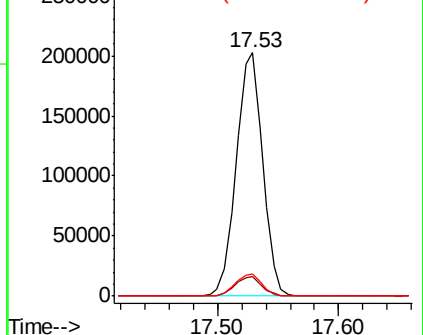
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.9	10.3	
80	9.1	8.1	12.1	

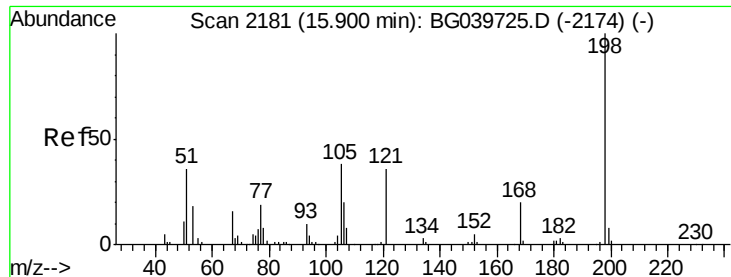
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.609 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

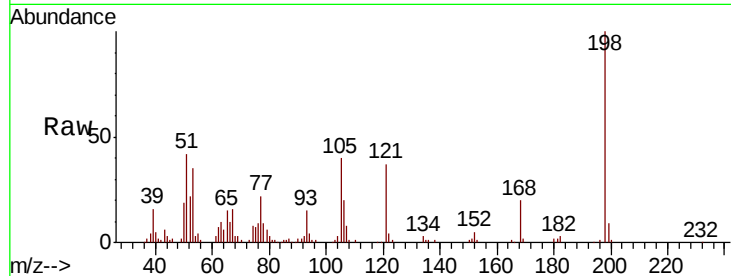
ClientSampleId :

PB117780BS

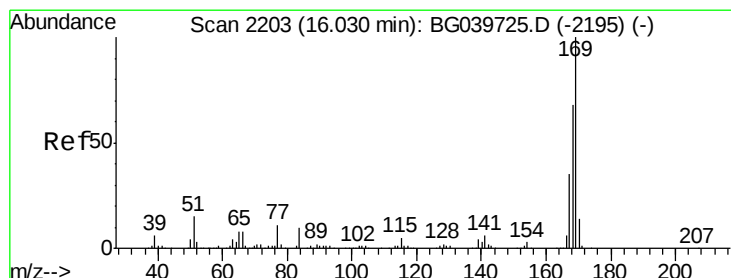
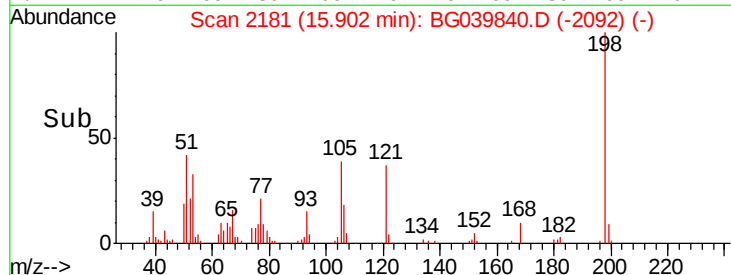
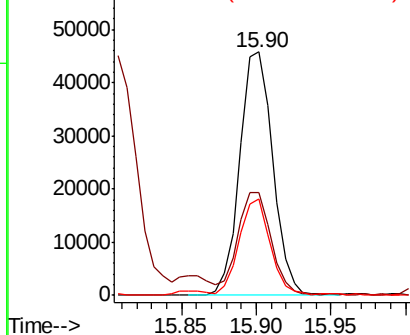
Tot Ion:	198	Resp:	70570
Ion	Ratio	Lower	Upper
198	100		
51	42.3	27.4	67.4
105	39.8	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.121 ng

RT: 16.03 min Scan# 2203

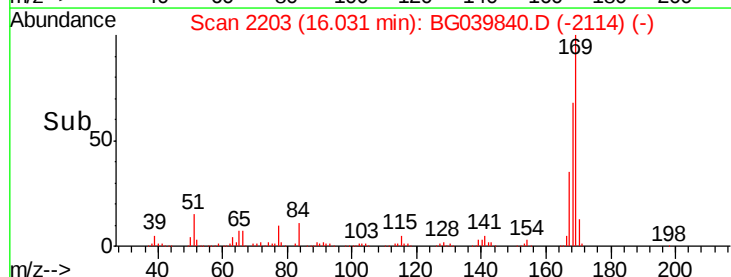
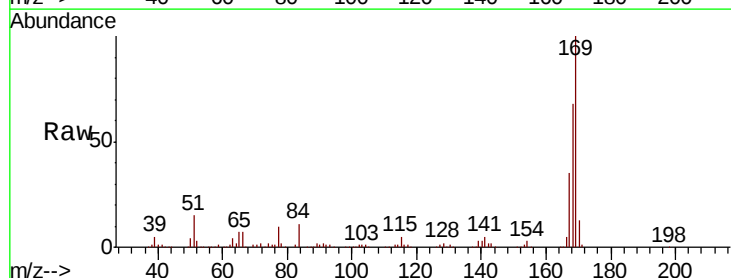
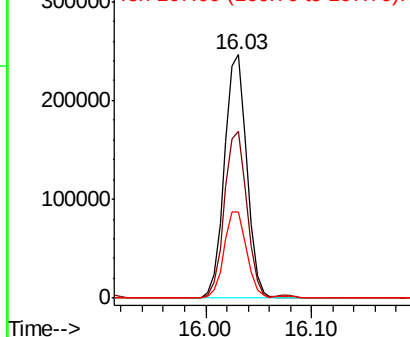
Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	169	Resp:	359063
Ion	Ratio	Lower	Upper
169	100		
168	68.3	56.6	85.0
167	35.2	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





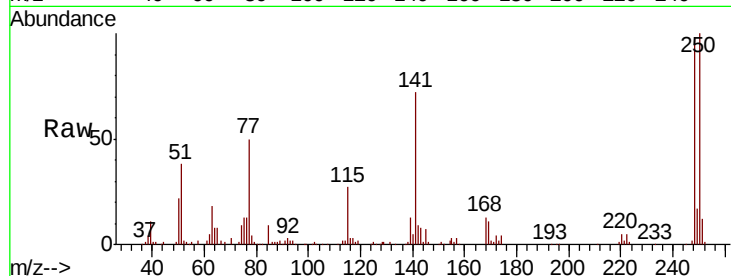
#67
4-Bromophenyl-phenylether
Concen: 39.007 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.1	77.6	116.4
141	73.2	63.9	95.9

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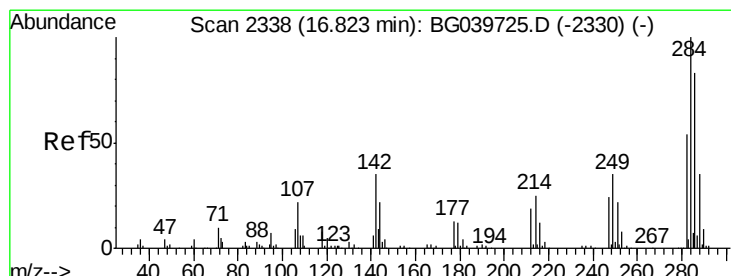
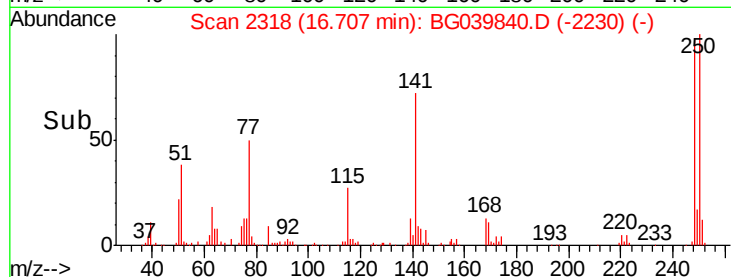
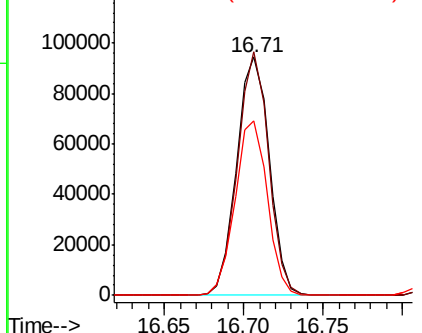


Abundance

Ion 248.00 (247.70 to 248.70): E

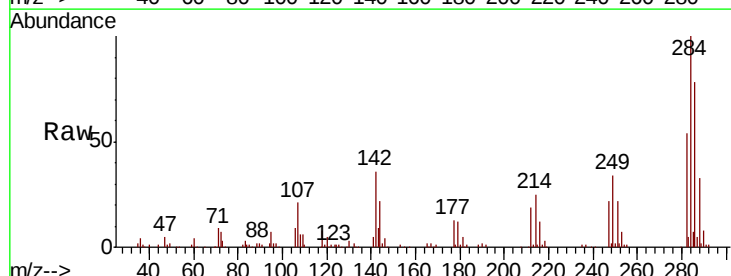
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.247 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	30.6	45.8
249	34.2	28.2	42.2

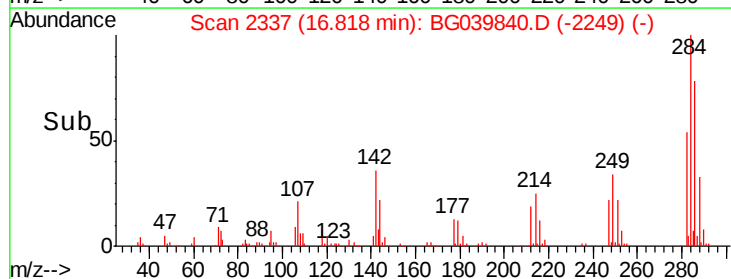
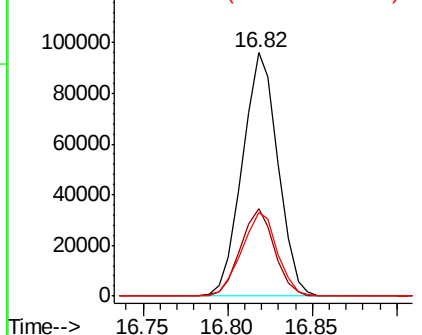


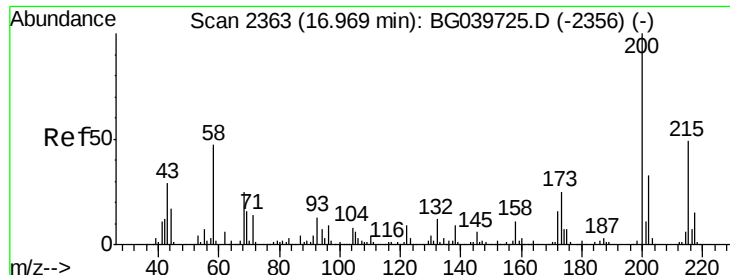
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





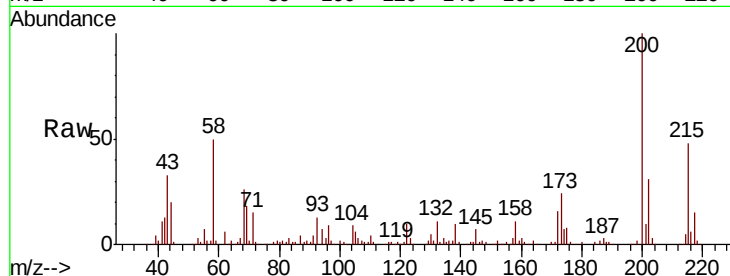
#69
 Atrazine
 Concen: 41.322 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampled :
 PB117780BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	3.9	43.9
215	47.9	30.9	70.9

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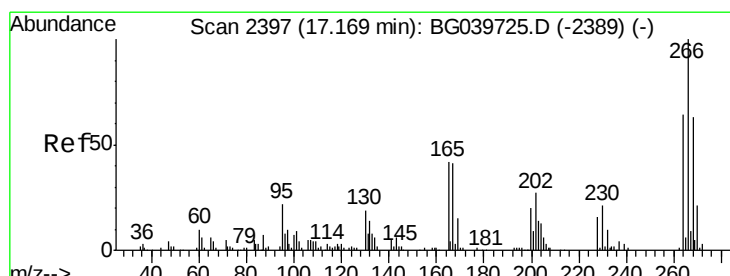
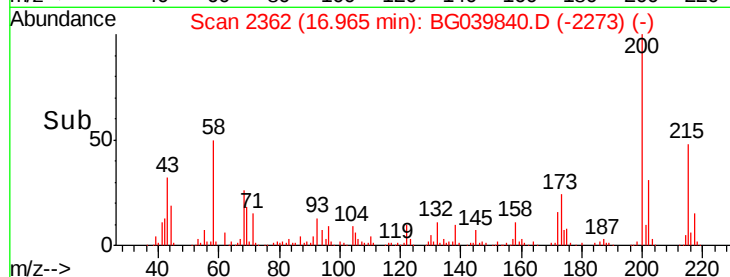
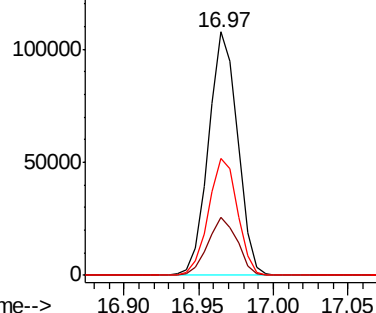


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 77.367 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

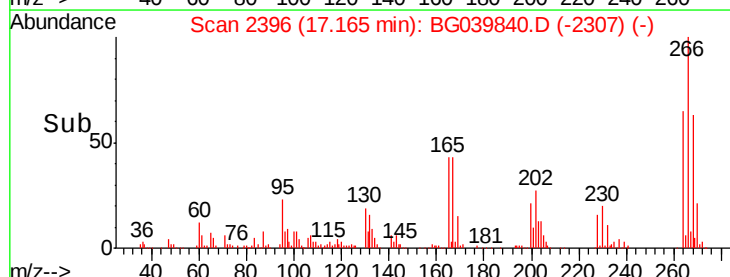
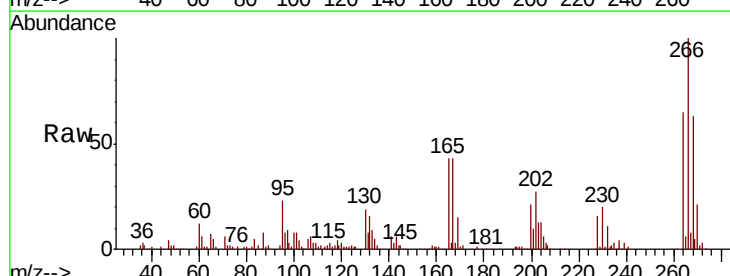
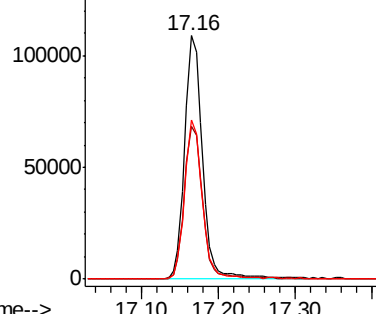
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	51.1	76.7
264	65.4	52.1	78.1

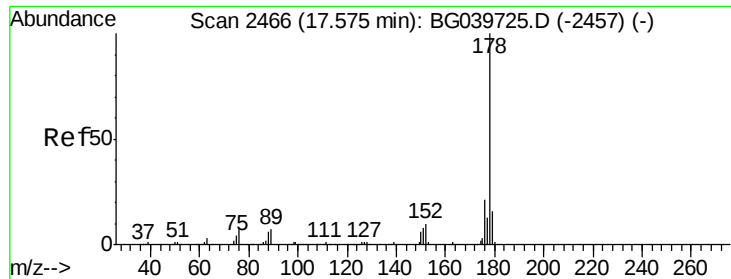
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





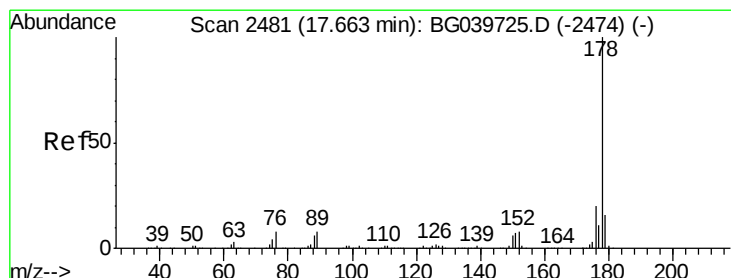
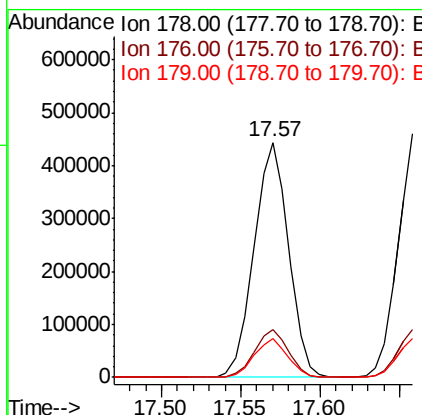
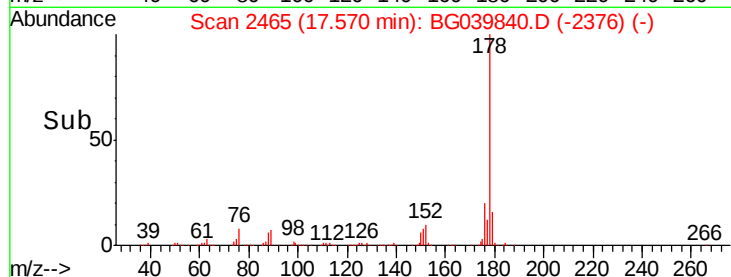
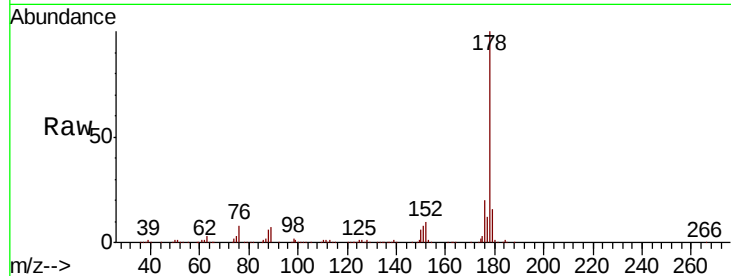
#71
Phenanthrene
Concen: 39.421 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.6	19.0

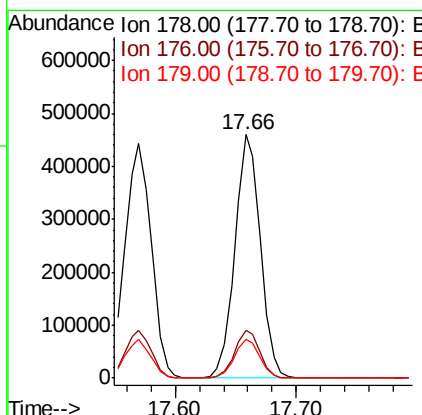
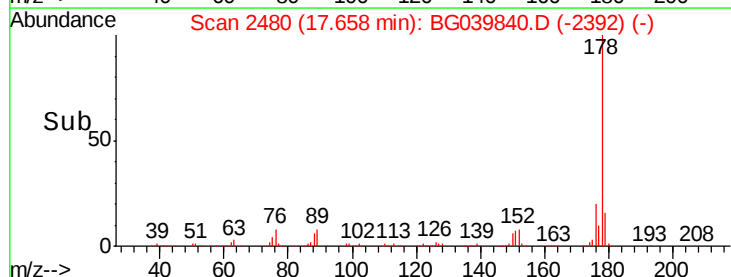
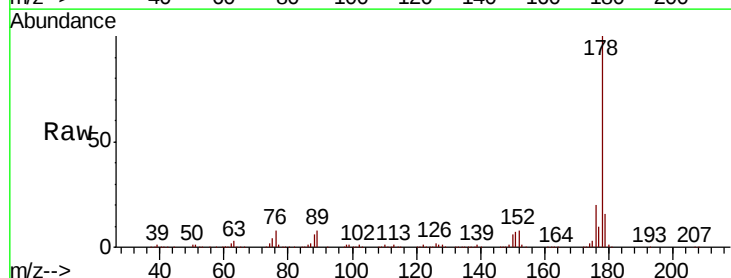
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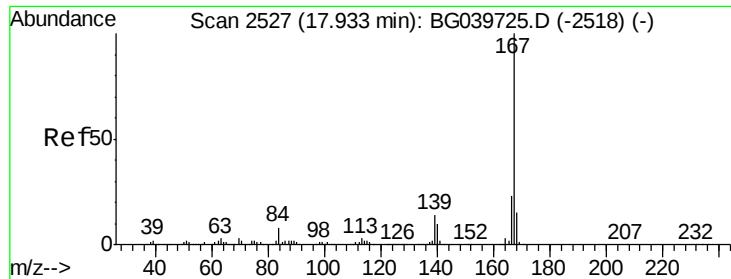
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#72
Anthracene
Concen: 40.622 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.8	12.5	18.7





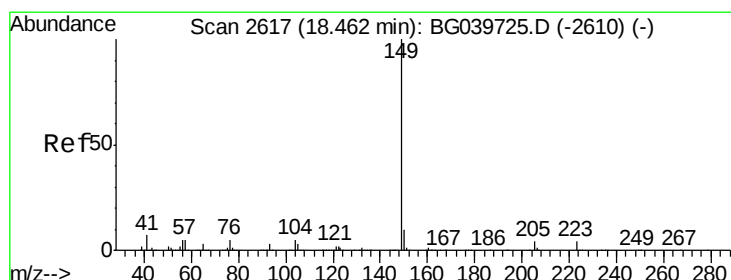
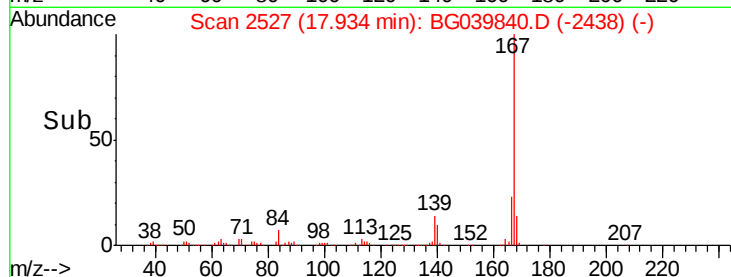
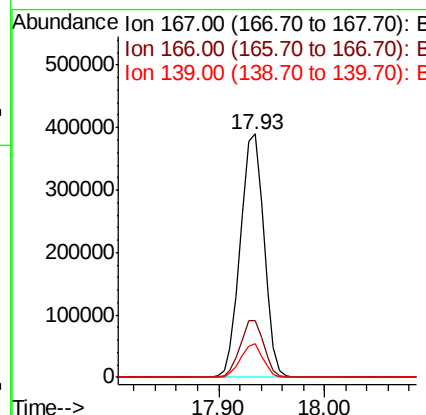
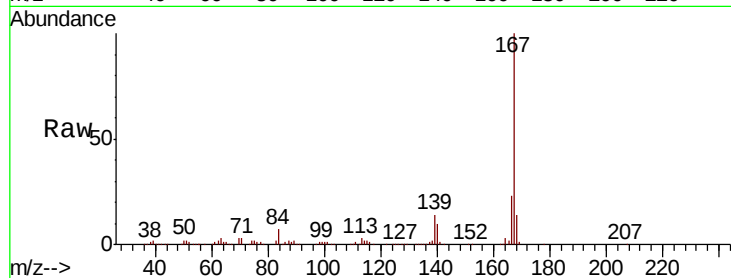
#73
 Carbazole
 Concen: 40.026 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB117780BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.8	10.8	16.2

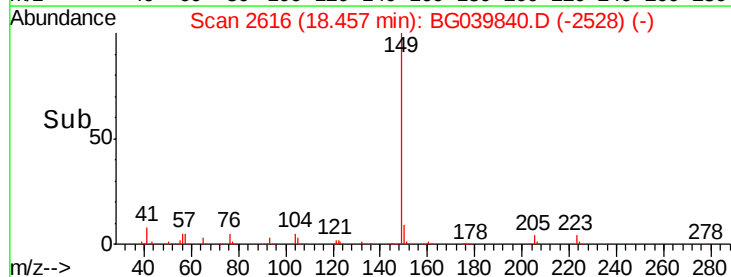
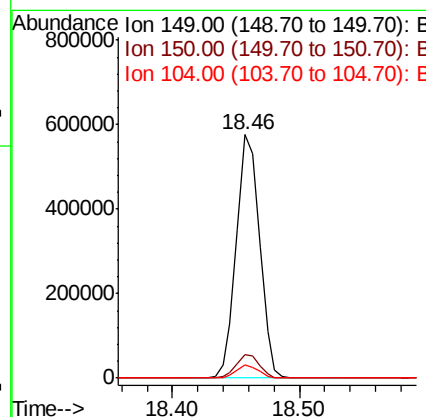
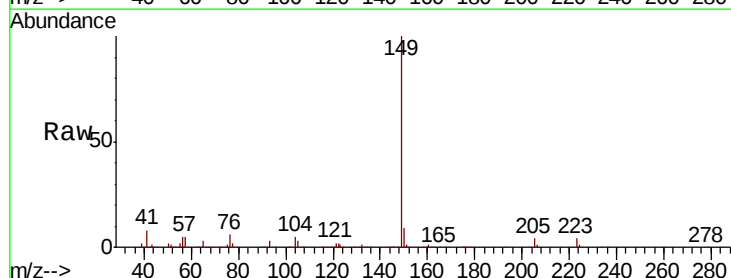
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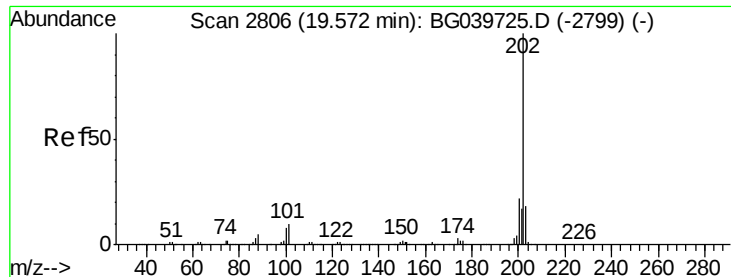
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#74
 Di-n-butylphthalate
 Concen: 41.461 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039840.D
 Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 40.568 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

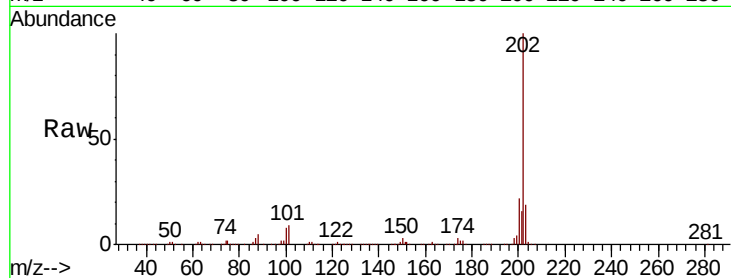
ClientSampleId :

PB117780BS

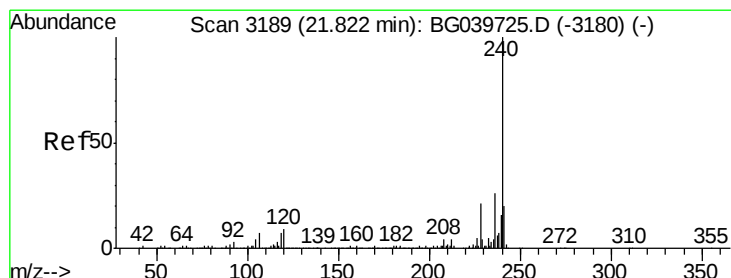
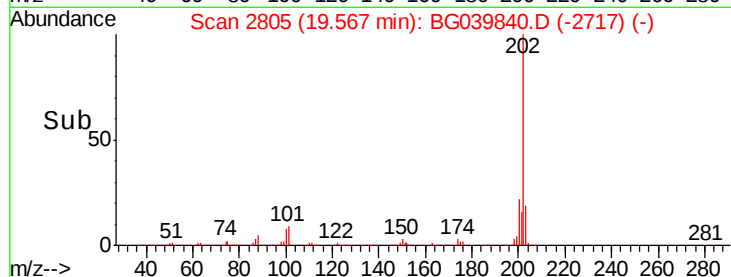
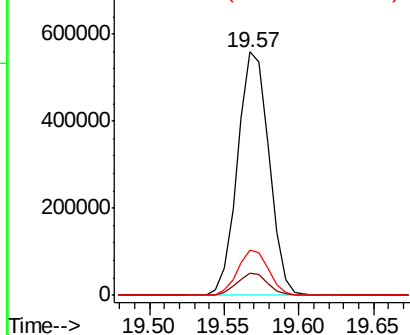
Tot Ion:	202	Resp:	816377
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.0
203	18.6	0.0	38.9

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

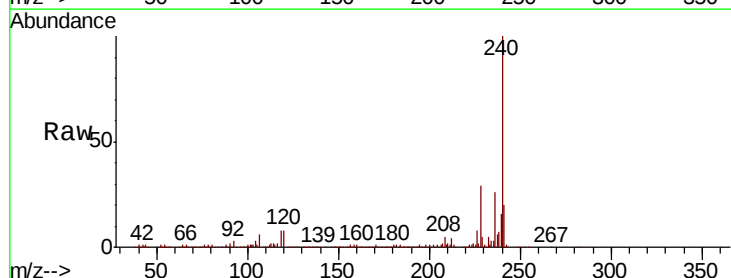
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

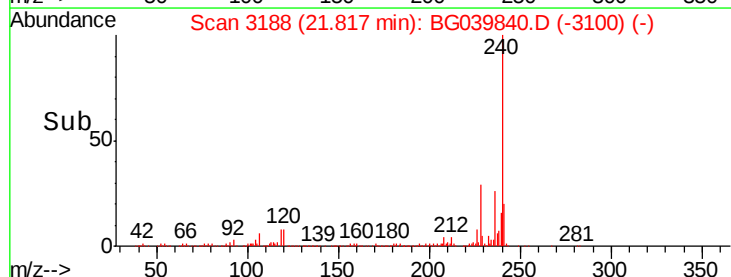
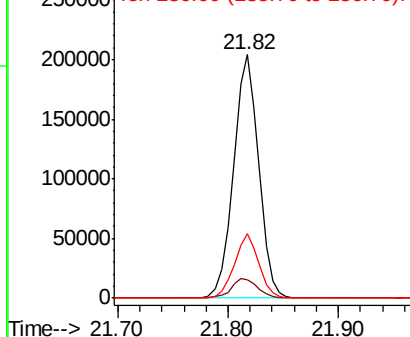
Lab File: BG039840.D

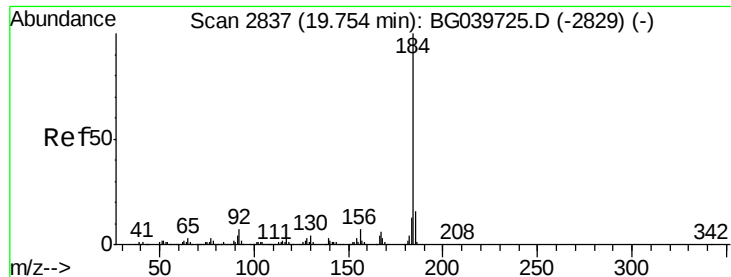
Acq: 11 Mar 2019 13:56

Tgt Ion:	240	Resp:	325136
Ion Ratio	Lower	Upper	
240	100		
120	7.6	7.0	10.6
236	26.4	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: 27.020 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

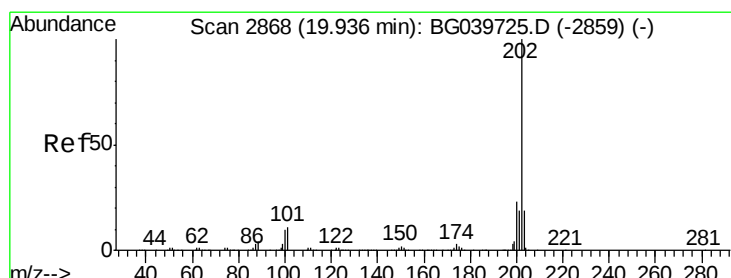
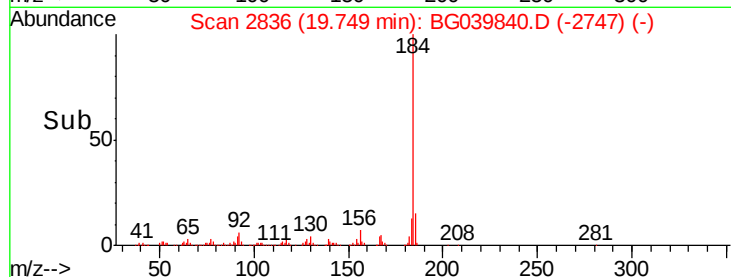
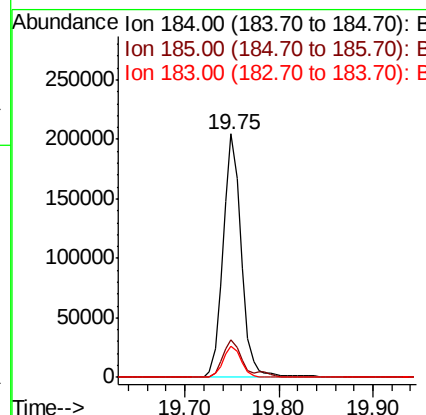
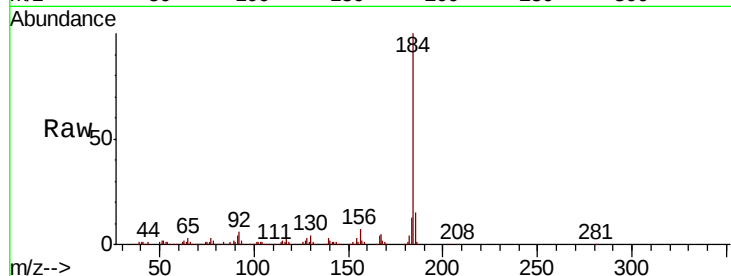
ClientSampled :

PB117780BS

Tot Ion:	184	Resp:	278782
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	12.6	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 37.919 ng

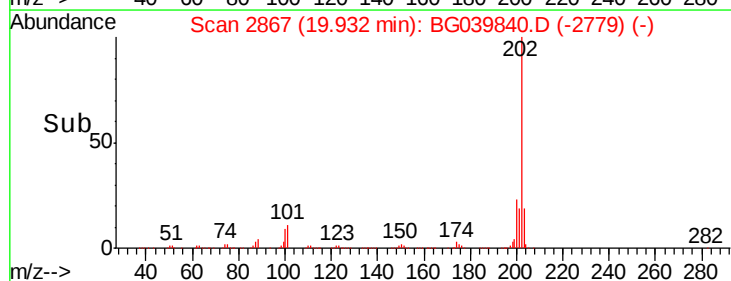
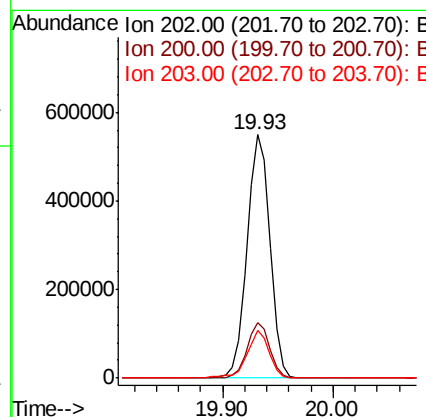
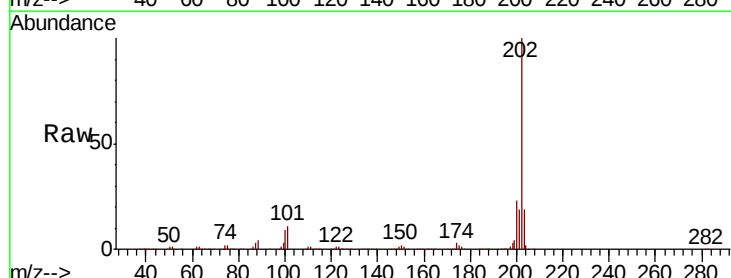
RT: 19.93 min Scan# 2867

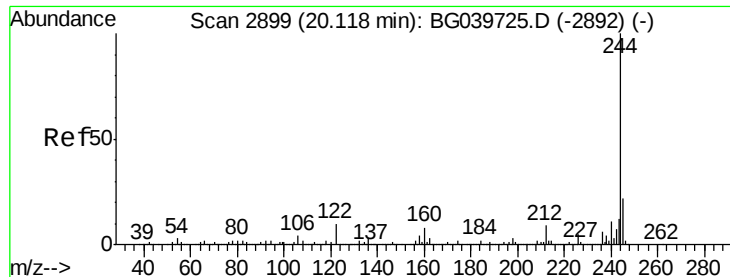
Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Tgt Ion:	202	Resp:	801129
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	19.5	15.3	22.9





#79

Terphenyl-d14

Concen: 73.894 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

ClientSampled :

PB117780BS

Tot Ion:244 Resp: 1091177

Ion Ratio Lower Upper

244 100

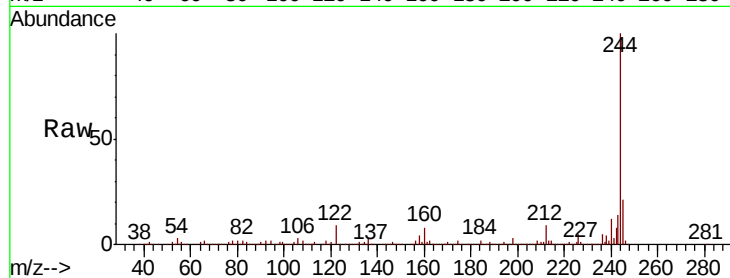
212 8.6 7.3 10.9

122 8.9 8.4 12.6

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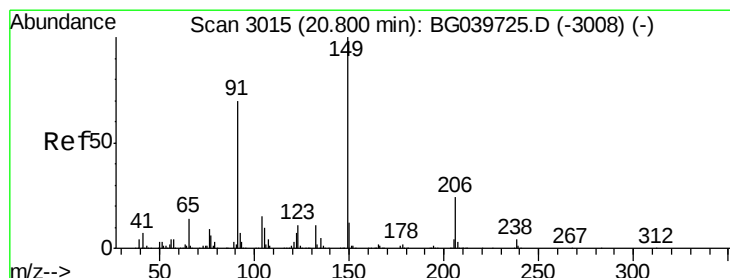
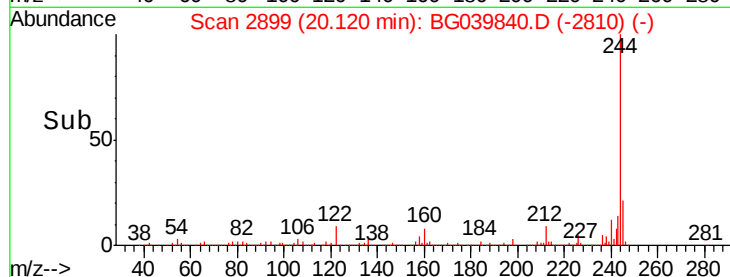
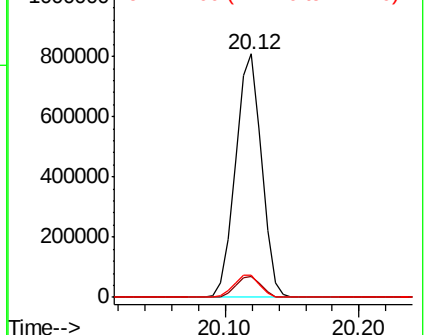
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.741 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

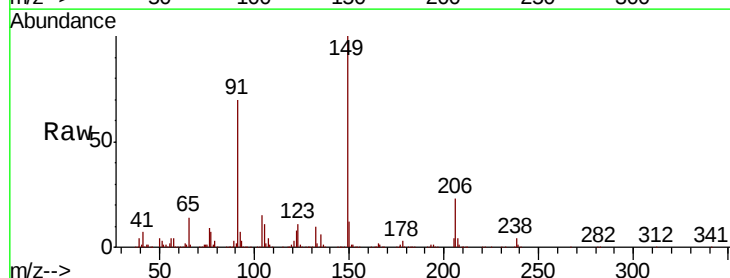
Tgt Ion:149 Resp: 341669

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

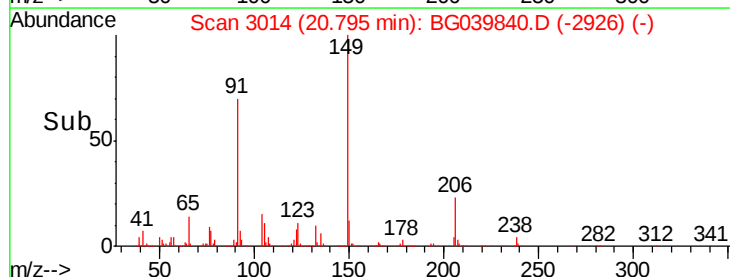
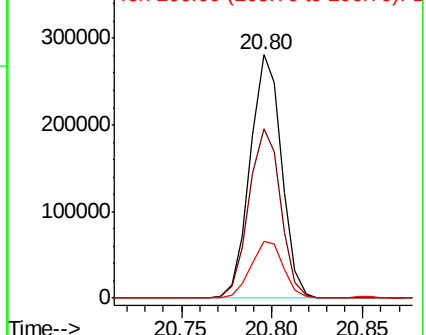
206 23.4 18.6 27.8



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





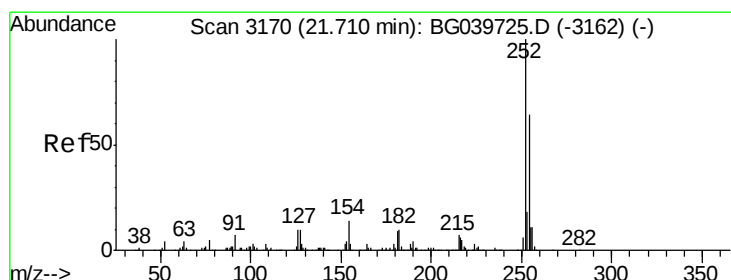
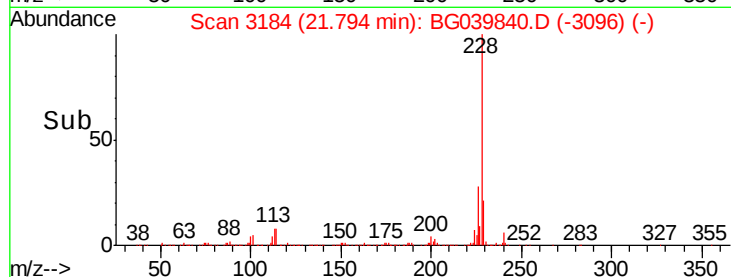
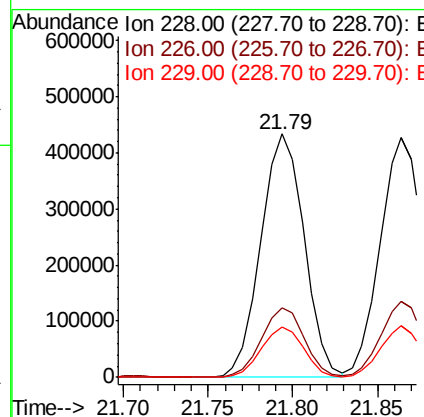
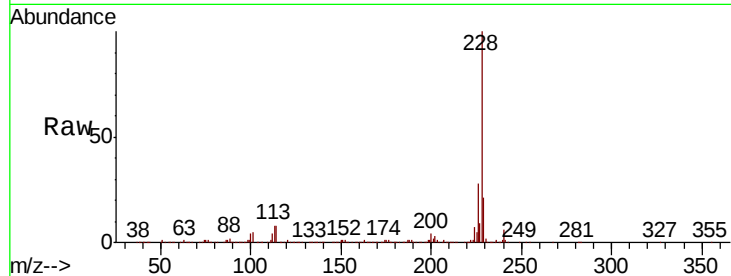
#81
Benzo(a)anthracene
Concen: 38.008 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.6	16.9	25.3

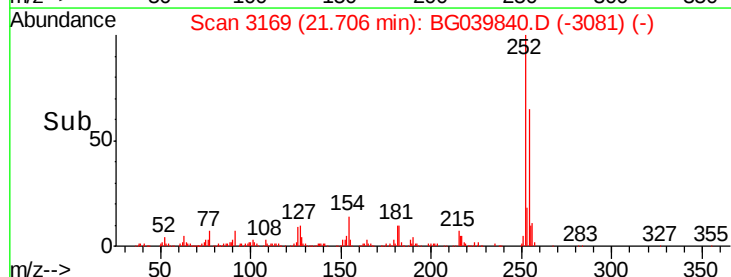
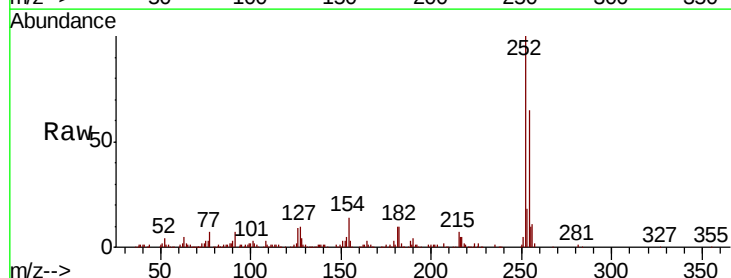
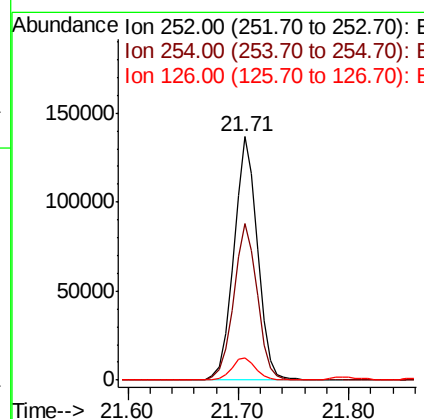
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 27.543 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	9.2	8.0	12.0





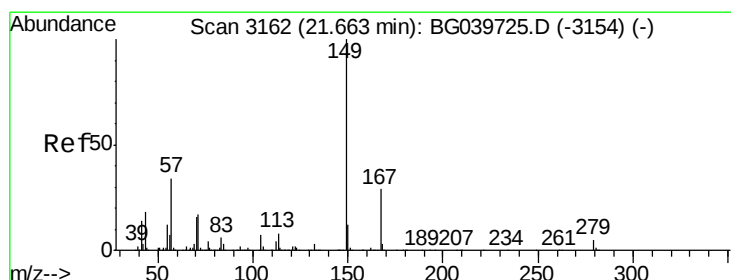
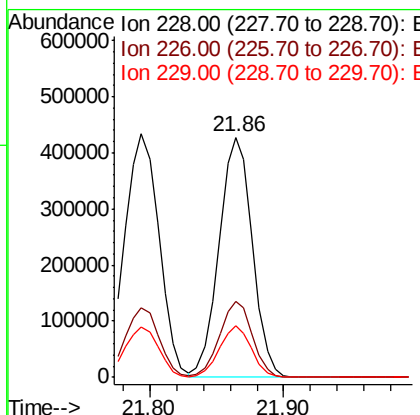
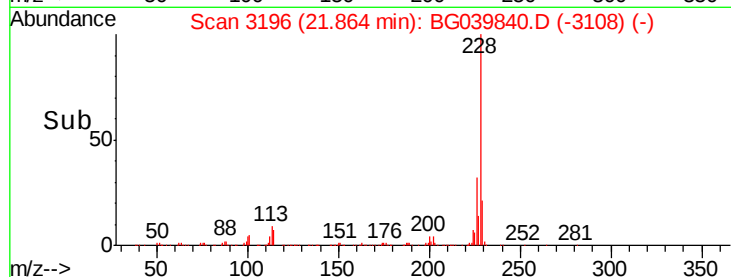
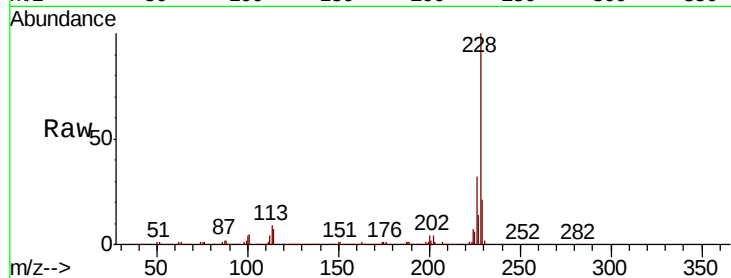
#83
Chrysene
Concen: 37.723 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion:	228	Resp:	745224
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.8	38.6
229	21.3	16.6	25.0

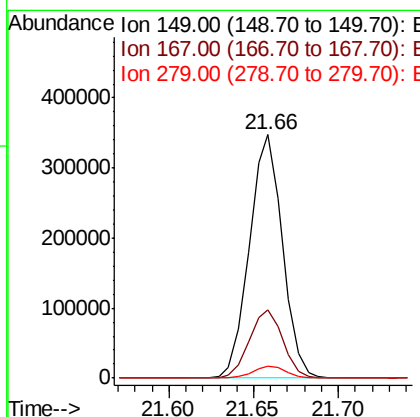
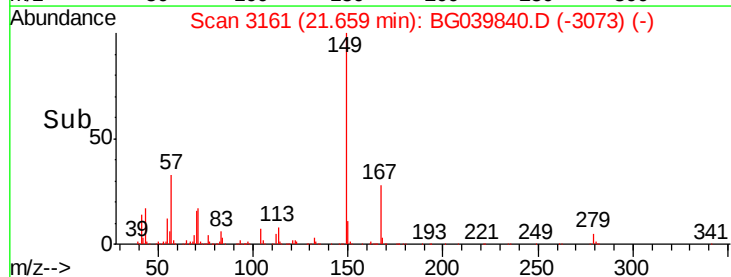
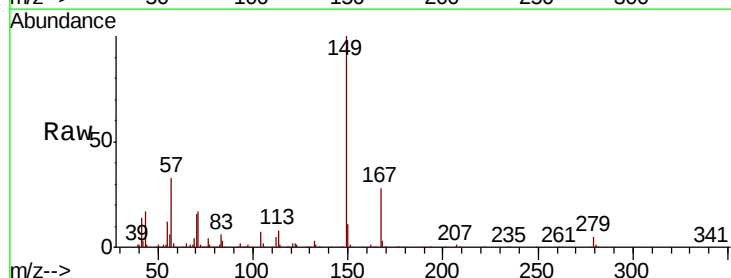
Manual Integrations
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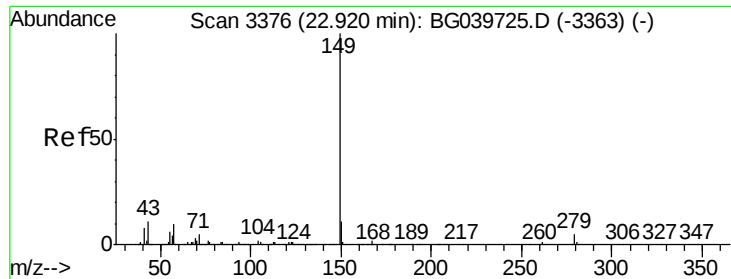
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.031 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:	149	Resp:	471949
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.6	34.0
279	4.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 42.268 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

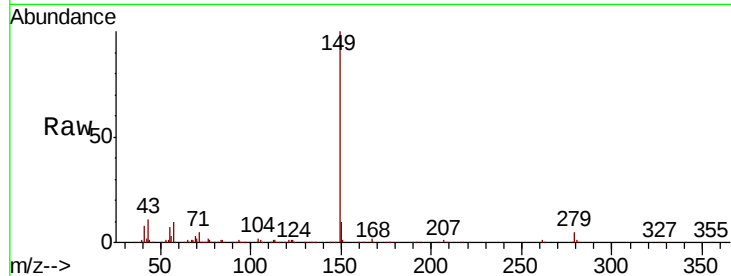
ClientSampleId :

PB117780BS

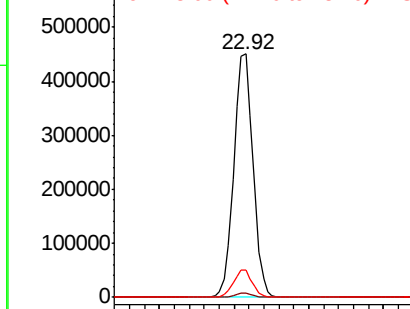
Tot Ion:	149	Resp:	805011
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.8	10.2	15.4

Manual Integrations
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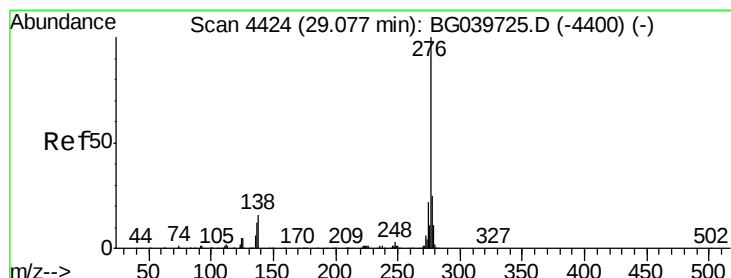
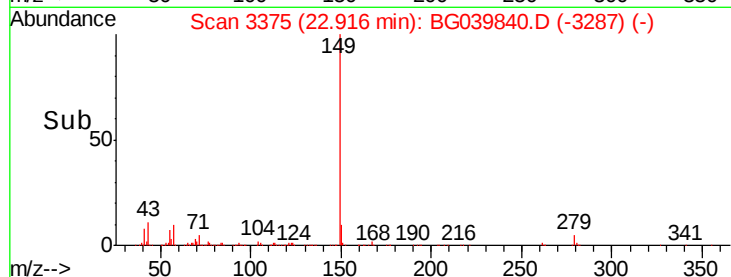
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.497 ng

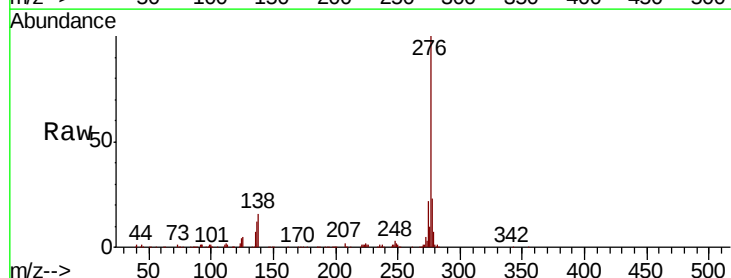
RT: 29.05 min Scan# 4420

Delta R.T. -0.03 min

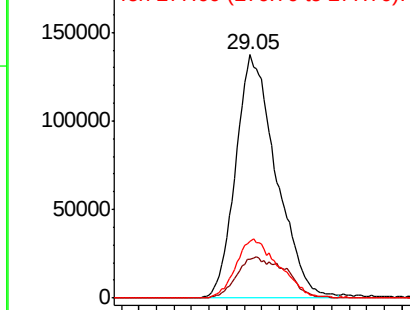
Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

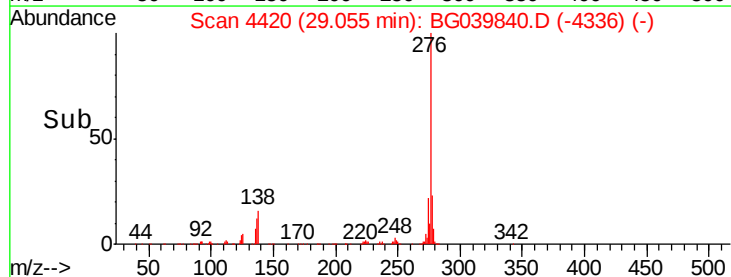
Tgt Ion:	276	Resp:	862773
Ion Ratio	Lower	Upper	
276	100		
138	20.5	12.6	19.0#
277	25.7	20.8	31.2

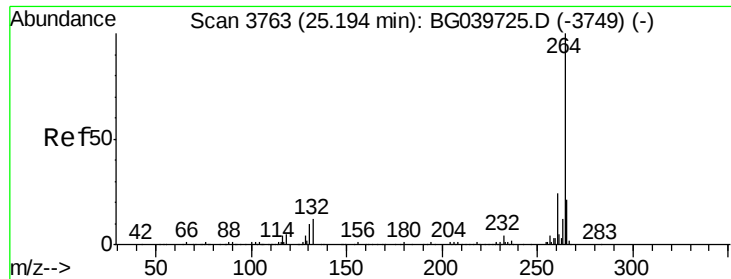


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039840.D

Acq: 11 Mar 2019 13:56

Instrument :

BNA_G

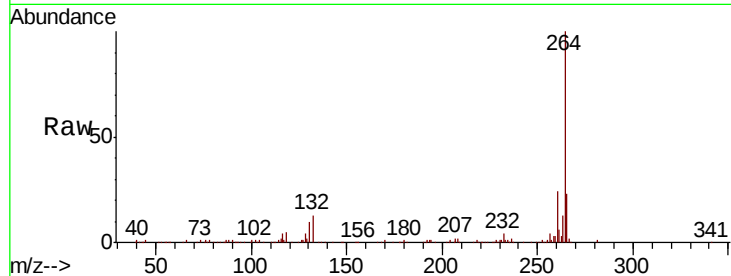
ClientSampled :

PB117780BS

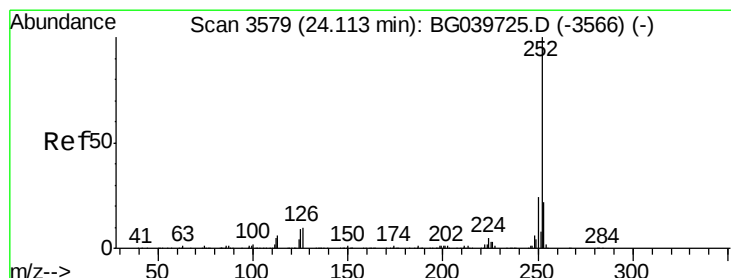
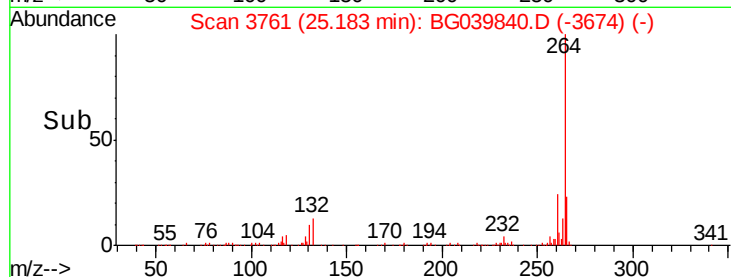
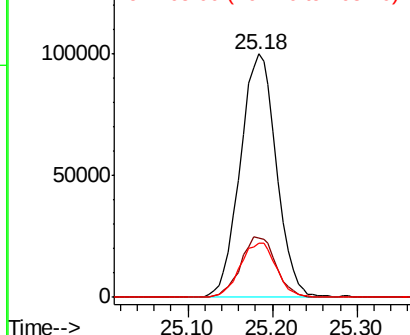
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.5	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 43.135 ng

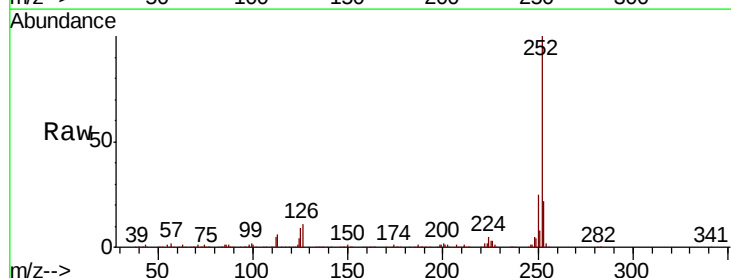
RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

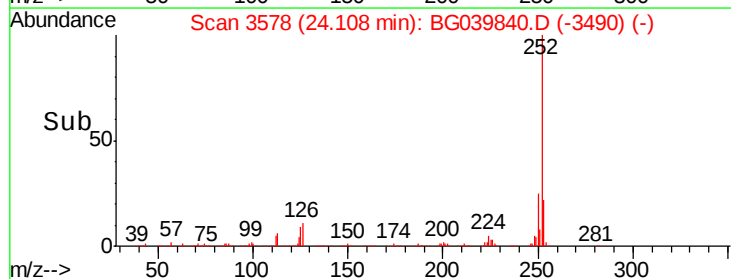
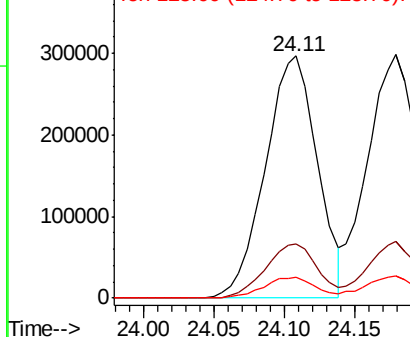
Lab File: BG039840.D

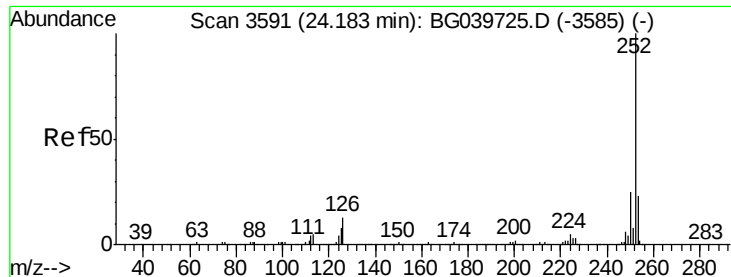
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.8	11.6



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





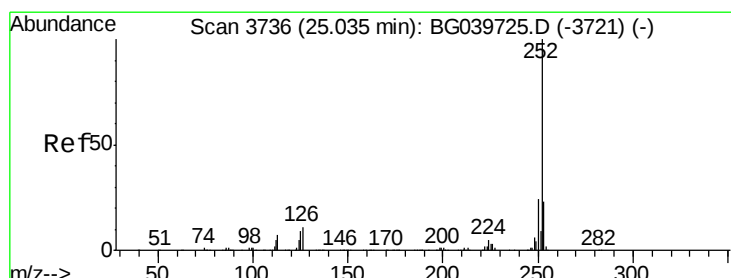
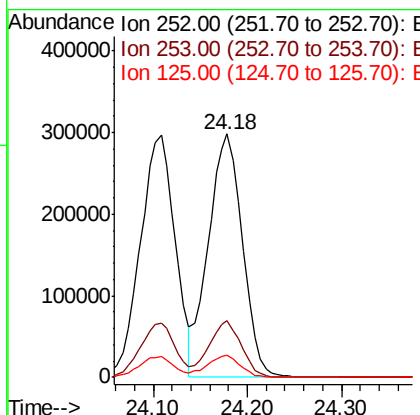
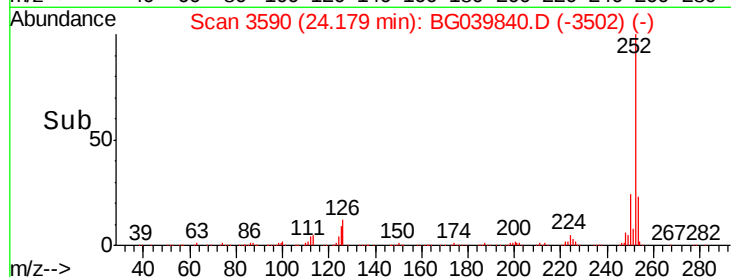
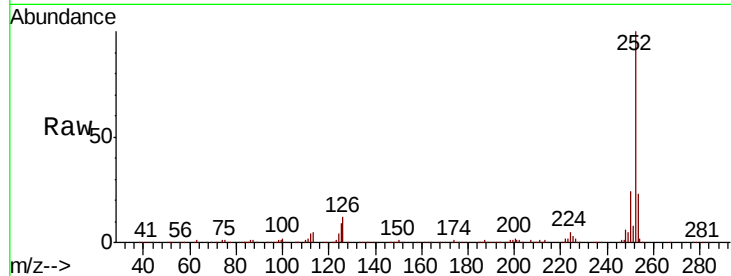
#89
Benzo(k)fluoranthene
Concen: 45.667 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.0	7.4	11.2

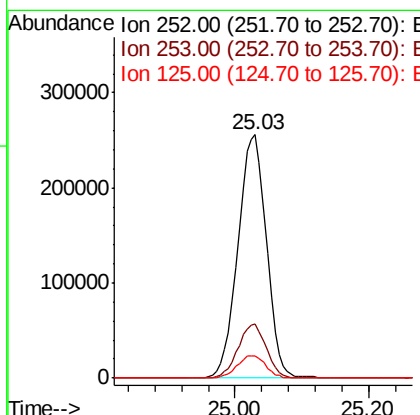
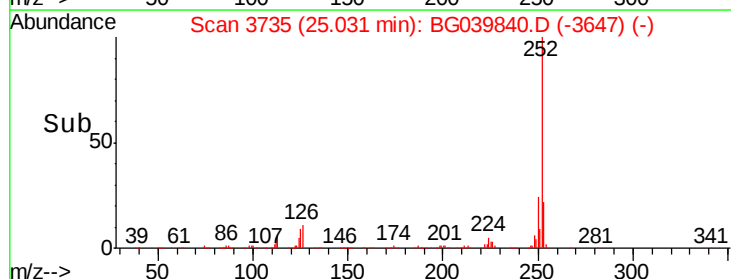
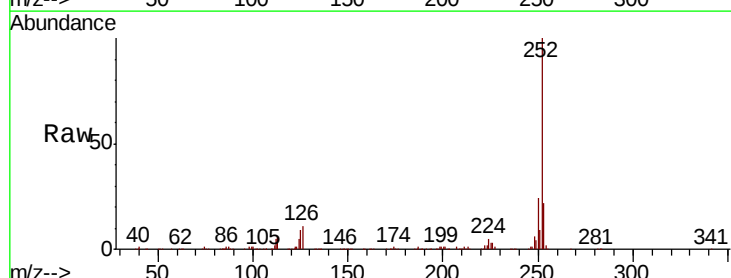
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 46.088 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.3	8.3	12.5





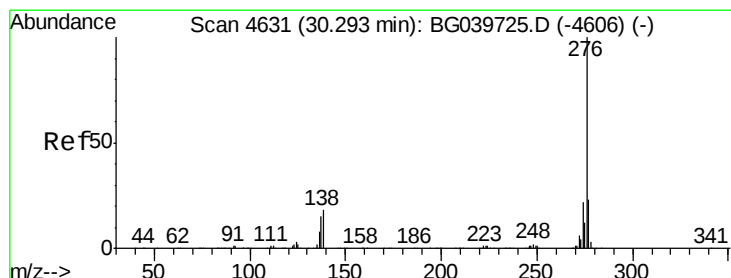
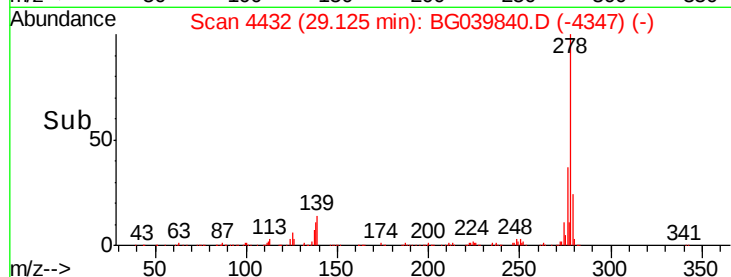
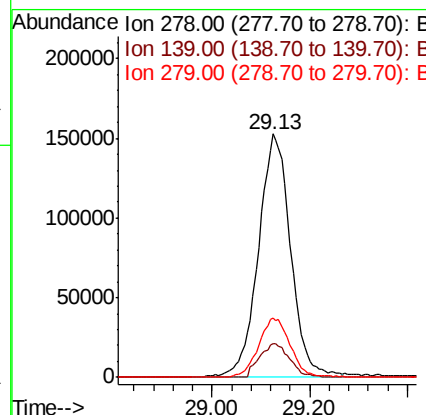
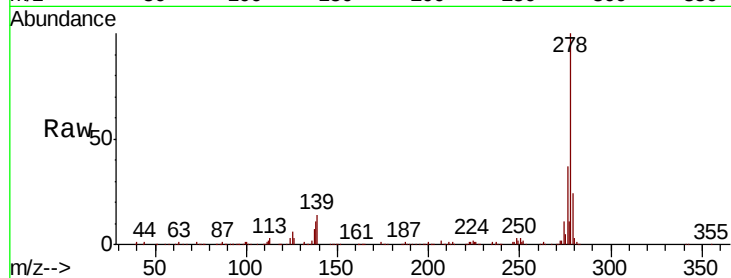
#91
Dibenzo(a,h)anthracene
Concen: 43.943 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Instrument :
BNA_G
ClientSampleId :
PB117780BS

Tot Ion:	278	Resp:	704031
Ion Ratio	Lower	Upper	
278	100		
139	13.9	11.7	17.5
279	24.1	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.768 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.02 min
Lab File: BG039840.D
Acq: 11 Mar 2019 13:56

Tgt Ion:	276	Resp:	720348
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.6	29.4
138	15.5	14.7	22.1

