

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039926.D
 Acq On : 14 Mar 2019 15:43
 Operator : JU/SJ
 Sample : PB117907BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM

Quant Time: Mar 15 08:19:49 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	8.14	152	36301	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	155755	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	107098	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268586	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	281346	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271316	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	299022	140.53	ng	-0.02
7) Phenol-d6	7.30	99	417986	131.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	232560	80.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	170604	136.67	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	578946	76.97	ng	-0.02
79) Terphenyl-d14	20.11	244	1002942	78.49	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	38234	38.920	ng	97
3) Pyridine	3.98	79	95201	36.199	ng	98
4) n-Nitrosodimethylamine	3.90	42	51116	40.970	ng	# 84
6) Aniline	7.47	93	119560	28.763	ng	99
8) 2-Chlorophenol	7.71	128	108357	41.975	ng	96
9) Benzaldehyde	7.29	77	47844	23.377	ng	93
10) Phenol	7.32	94	147022	42.775	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	104825	39.117	ng	100
12) 1,3-Dichlorobenzene	8.03	146	115949	39.714	ng	99
13) 1,4-Dichlorobenzene	8.18	146	115462	38.826	ng	97
14) 1,2-Dichlorobenzene	8.50	146	113190	39.394	ng	98
15) Benzyl Alcohol	8.38	79	102093	40.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	211382	39.440	ng	99
17) 2-Methylphenol	8.58	107	96636	44.094	ng	96
18) Hexachloroethane	9.23	117	40917	38.346	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	85766	37.557	ng	92
20) 3+4-Methylphenols	8.91	107	129508	42.536	ng	97
22) Acetophenone	8.98	105	163722	39.164	ng	# 94
24) Nitrobenzene	9.36	77	128459	42.519	ng	97
25) Isophorone	9.88	82	247987	41.097	ng	98
26) 2-Nitrophenol	10.08	139	62375	42.761	ng	93
27) 2,4-Dimethylphenol	10.12	122	114310	50.387	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	150678	41.090	ng	97
29) 2,4-Dichlorophenol	10.60	162	121224	47.460	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	120260	41.841	ng	99
31) Naphthalene	11.02	128	341534	41.415	ng	99
32) Benzoic acid	10.25	122	60894m	40.317	ng	
33) 4-Chloroaniline	11.13	127	83521	23.884	ng	97
34) Hexachlorobutadiene	11.28	225	82270	41.887	ng	96
35) Caprolactam	11.90	113	41135m	42.159	ng	
36) 4-Chloro-3-methylphenol	12.23	107	128804	43.990	ng	99
37) 2-Methylnaphthalene	12.61	142	262217	42.531	ng	98
38) 1-Methylnaphthalene	12.83	142	248038	41.398	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	145255	40.035	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039926.D
 Acq On : 14 Mar 2019 15:43
 Operator : JU/SJ
 Sample : PB117907BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM

Quant Time: Mar 15 08:19:49 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)
41) Hexachlorocyclopentadiene	12.94	237	188572	96.983	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	98675	46.454	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	106936	44.663	nq	99
46) 1,1'-Biphenyl	13.61	154	351553	39.910	nq	98
47) 2-Chloronaphthalene	13.66	162	271759	41.010	nq	99
48) 2-Nitroaniline	13.86	65	93916	44.100	nq	92
49) Acenaphthylene	14.50	152	433597	39.859	nq	99
50) Dimethylphthalate	14.22	163	366825	40.961	nq	100
51) 2,6-Dinitrotoluene	14.35	165	82574	43.494	nq	97
52) Acenaphthene	14.84	154	264089	40.335	nq	98
53) 3-Nitroaniline	14.69	138	54749	28.688	nq	# 92
54) 2,4-Dinitrophenol	14.89	184	73026	62.243	nq	98
55) Dibenzofuran	15.17	168	439028	40.869	nq	99
56) 4-Nitrophenol	14.98	139	142531	83.488	nq	93
57) 2,4-Dinitrotoluene	15.13	165	117207	43.937	nq	91
58) Fluorene	15.82	166	345879	40.957	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105629	45.173	nq	97
60) Diethylphthalate	15.57	149	373926	42.179	nq	100
61) 4-Chlorophenyl-phenylether	15.80	204	188160	41.754	nq	98
62) 4-Nitroaniline	15.85	138	87339	42.215	nq	97
63) Azobenzene	16.10	77	335753	41.780	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	63406	39.927	nq	98
66) n-Nitrosodiphenylamine	16.02	169	319607	41.104	nq	97
67) 4-Bromophenyl-phenylether	16.70	248	123653	41.130	nq	96
68) Hexachlorobenzene	16.81	284	125690	40.333	nq	95
69) Atrazine	16.96	200	132102	43.168	nq	95
70) Pentachlorophenol	17.16	266	163058	82.850	nq	97
71) Phenanthrene	17.56	178	598846	40.479	nq	99
72) Anthracene	17.65	178	612692	42.499	nq	99
73) Carbazole	17.92	167	542545	41.745	nq	99
74) Di-n-butylphthalate	18.45	149	667741	43.667	nq	100
75) Fluoranthene	19.56	202	748653	42.820	nq	98
77) Benzidine	19.74	184	298096	33.389	nq	99
78) Pyrene	19.93	202	745515	40.779	nq	99
80) Butylbenzylphthalate	20.79	149	309573	43.707	nq	97
81) Benzo(a)anthracene	21.78	228	715504	40.578	nq	100
82) 3,3'-Dichlorobenzidine	21.70	252	170763	26.526	nq	99
83) Chrysene	21.85	228	684243	40.027	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	437196	43.925	nq	98
85) Di-n-octyl phthalate	22.90	149	740297	44.920	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	811177	41.829	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	715746	44.239	nq	98
89) Benzo(k)fluoranthene	24.16	252	682126	45.293	nq	98
90) Benzo(a)pyrene	25.01	252	690036	46.155	nq	98
91) Dibenzo(a,h)anthracene	29.11	278	654007	44.622	nq	97
92) Benzo(g,h,i)perylene	30.25	276	669558	45.486	nq	97

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

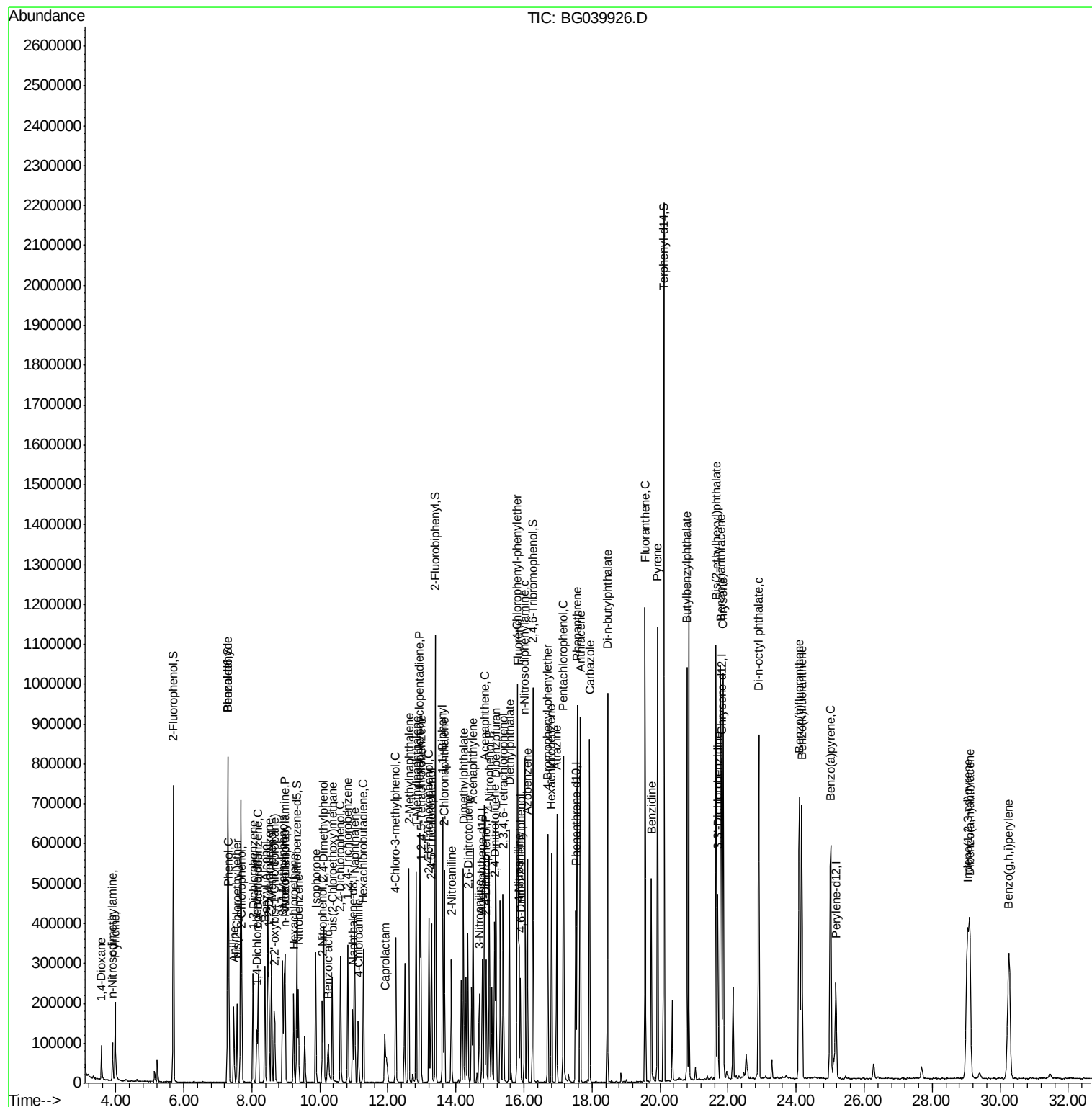
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039926.D
 Acq On : 14 Mar 2019 15:43
 Operator : JU/SJ
 Sample : PB117907BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM

Quant Time: Mar 15 08:19:49 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





#1

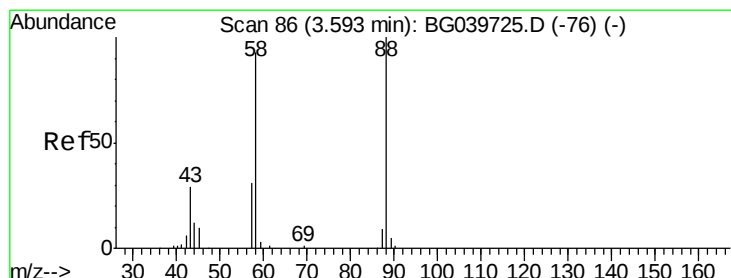
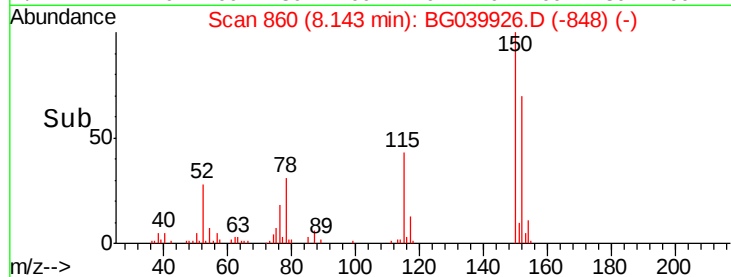
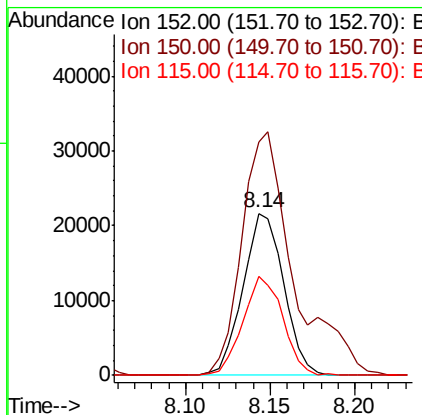
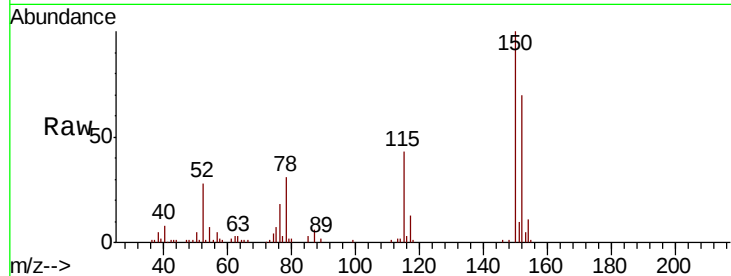
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	123.7	185.5
115	61.2	45.9	68.9

Manual Integrations
APPROVED

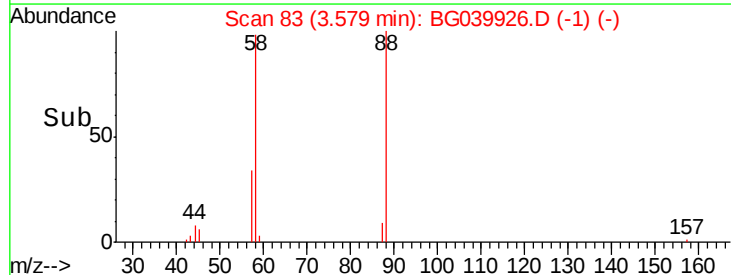
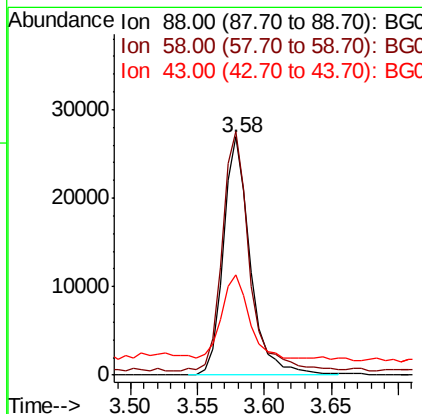
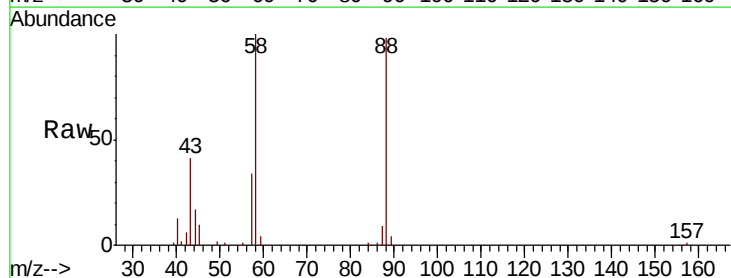
Sohil
3/15/2019 10:12:28 AM

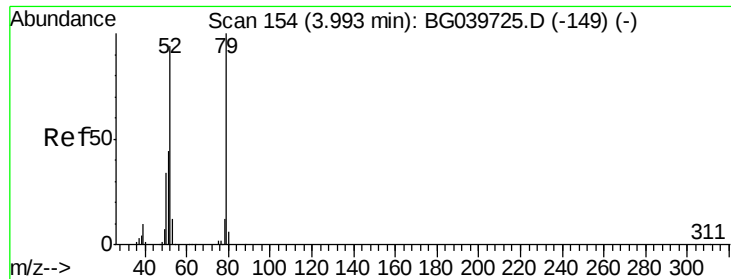


#2

1,4-Dioxane
Concen: 38.920 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.8	81.1	121.7
43	35.3	31.4	47.0





#3

Pvridine

Concen: 36.199 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

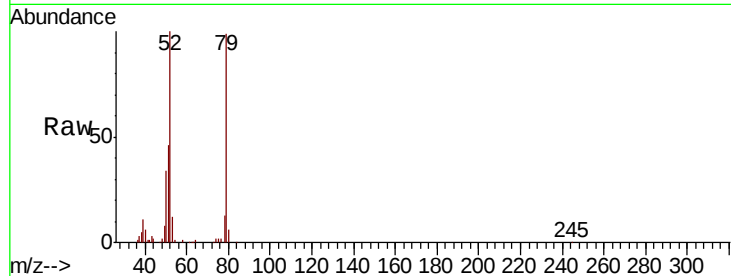
ClientSampleId :

PB117907BSD

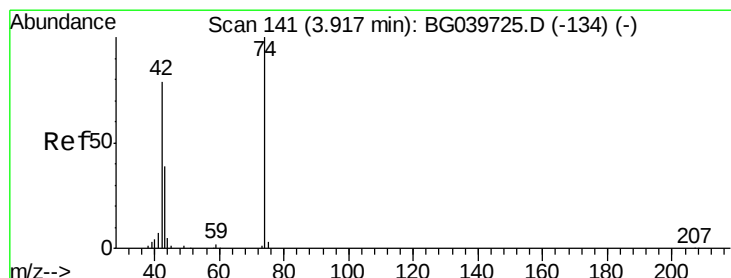
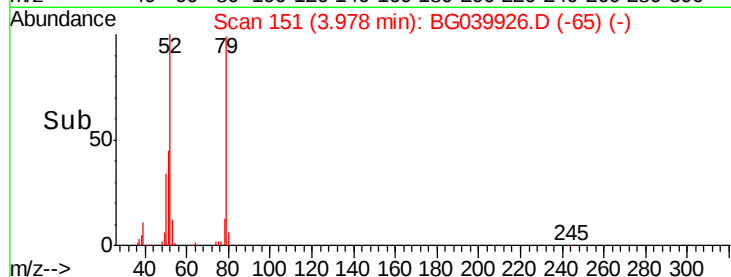
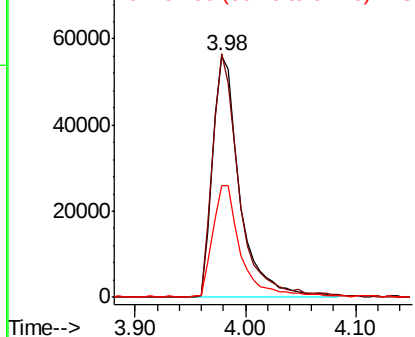
Tot Ion:	79	Resp:	95201
Ion	Ratio	Lower	Upper
79	100		
52	100.8	82.6	124.0
51	46.1	37.5	56.3

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



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



#4

n-Nitrosodimethylamine

Concen: 40.970 ng

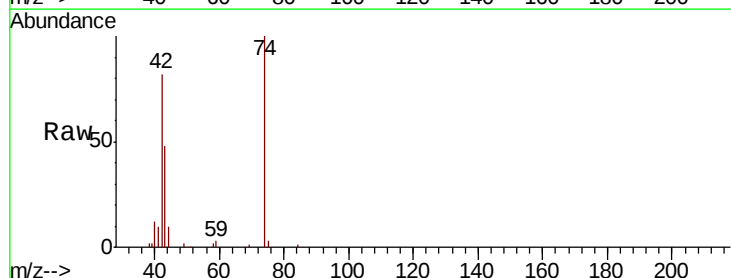
RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

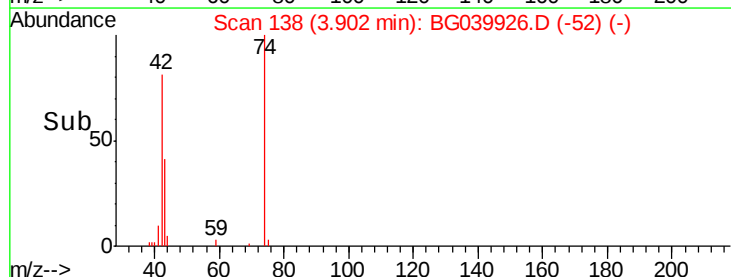
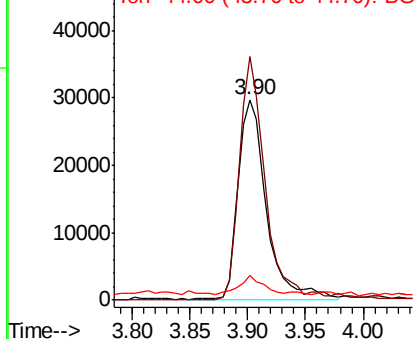
Lab File: BG039926.D

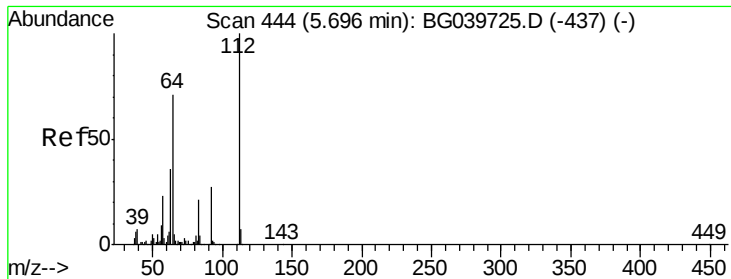
Acq: 14 Mar 2019 15:43

Tgt Ion:	42	Resp:	51116
Ion	Ratio	Lower	Upper
42	100		
74	121.3	83.6	125.4
44	12.6	6.9	10.3#



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





#5

2-Fluorophenol

Concen: 140.529 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

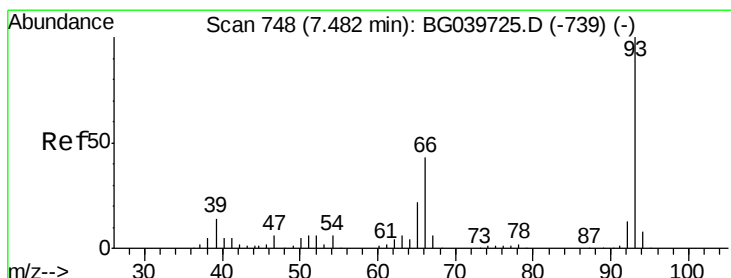
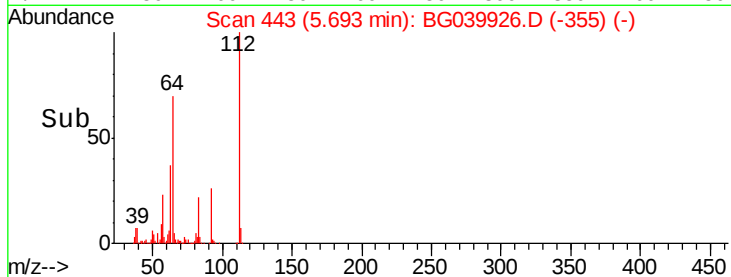
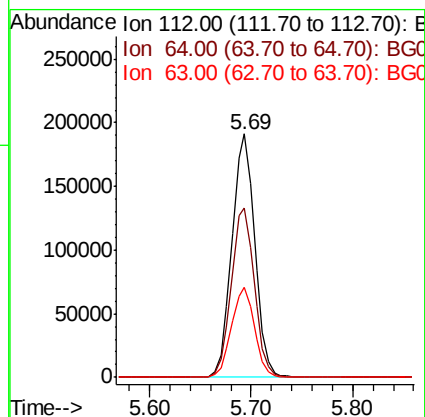
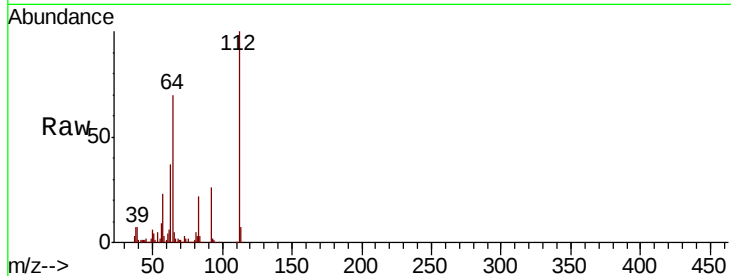
ClientSampleId :

PB117907BSD

Tot Ion:	112	Resp:	299022
Ion Ratio	Lower	Upper	
112	100		
64	69.5	57.8	86.8
63	37.1	29.8	44.6

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#6

Aniline

Concen: 28.763 ng

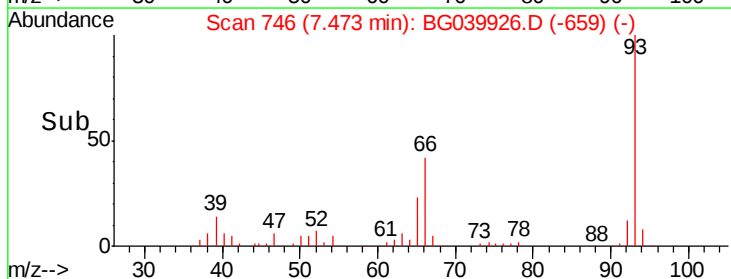
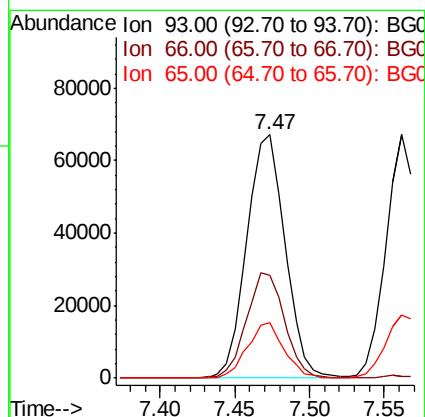
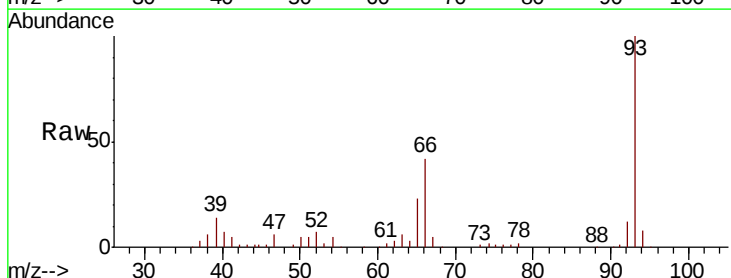
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	93	Resp:	119560
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.4
65	23.0	17.7	26.5





#7

Phenol-d6

Concen: 131.744 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

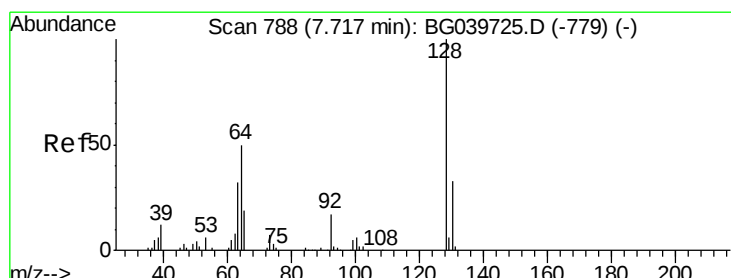
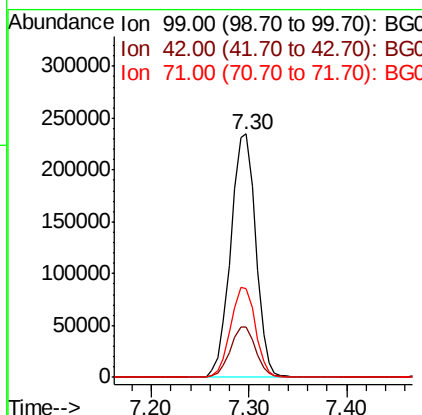
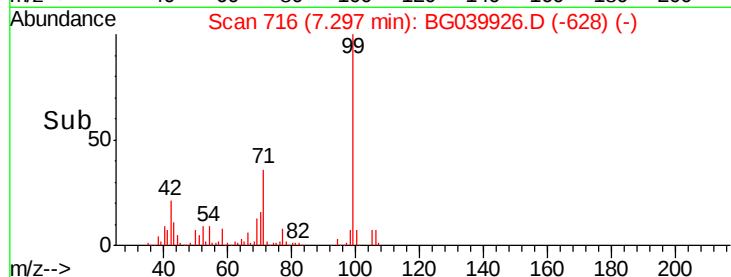
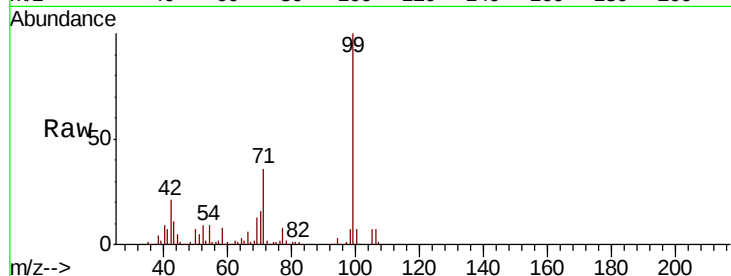
ClientSampleId :

PB117907BSD

Tot Ion:	99	Resp:	417986
Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.2	27.2
71	36.4	28.0	42.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#8

2-Chlorophenol

Concen: 41.975 ng

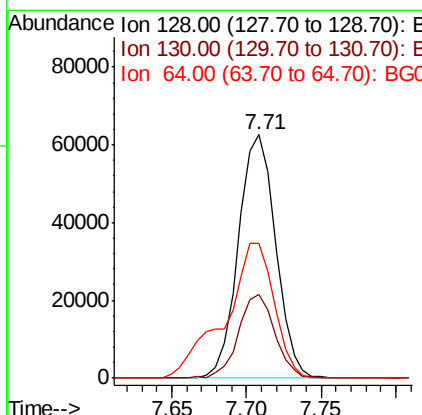
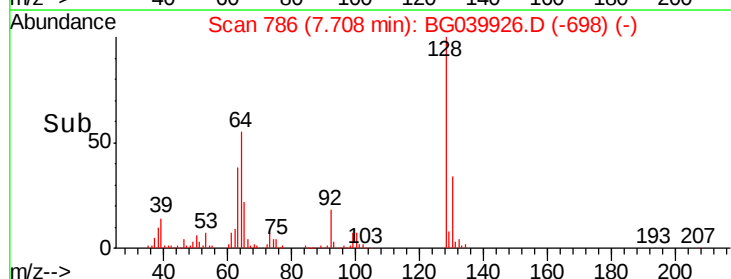
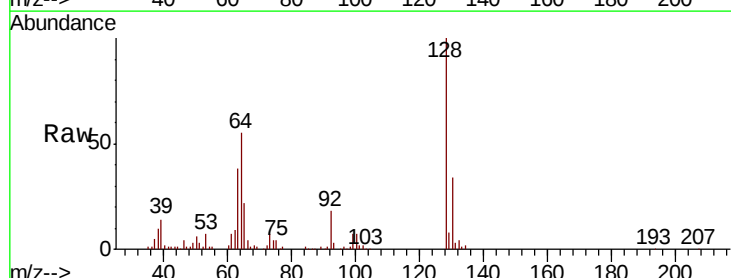
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	128	Resp:	108357
Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.9	52.9
64	55.1	38.7	78.7





#9

Benzaldehyde

Concen: 23.377 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

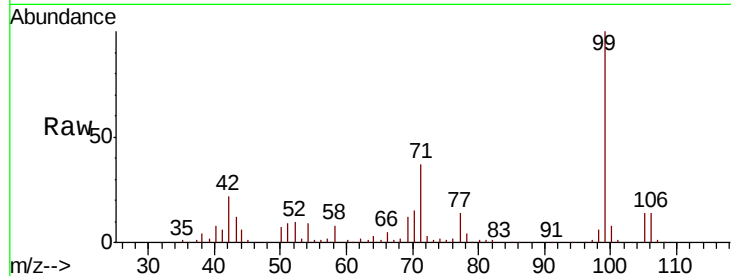
ClientSampleId :

PB117907BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.3	74.5	114.5
106	98.4	68.0	108.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

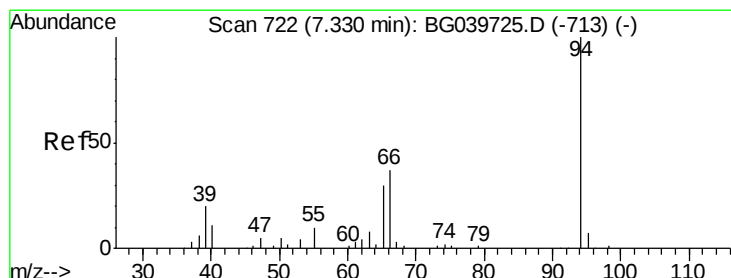
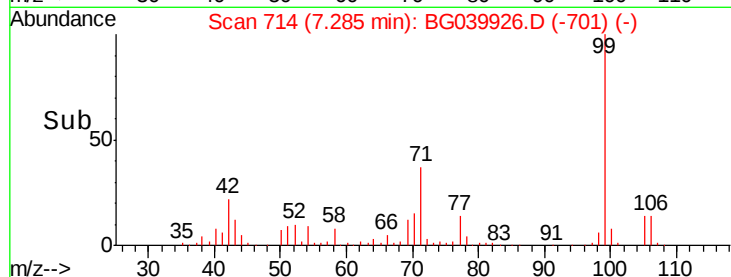
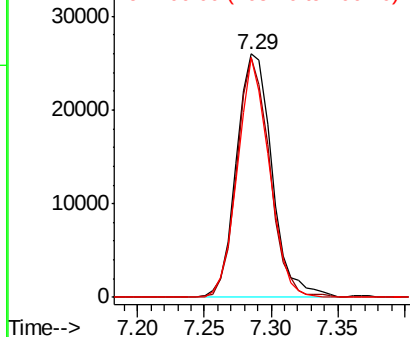


Abundance

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: 42.775 ng

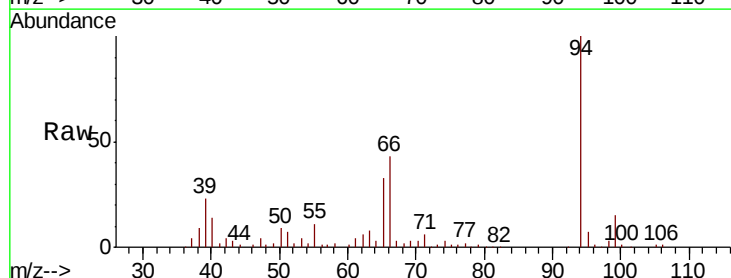
RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	11.7	51.7
66	43.1	23.7	63.7

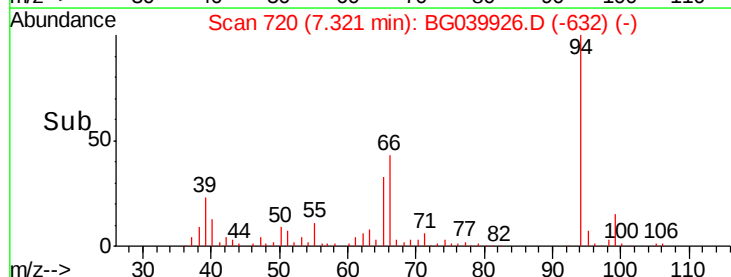
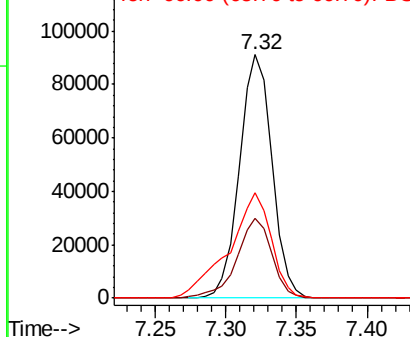


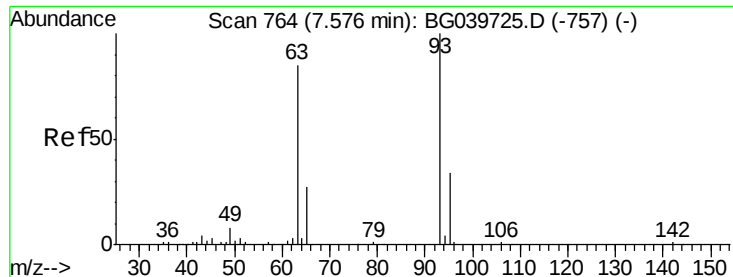
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





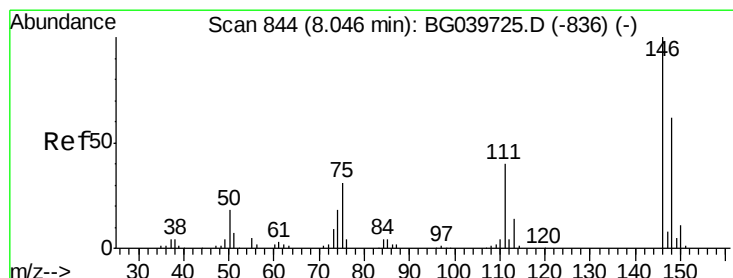
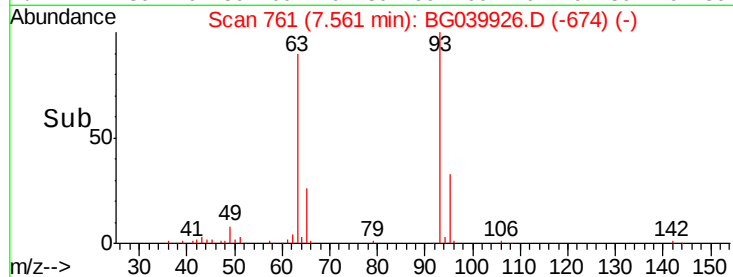
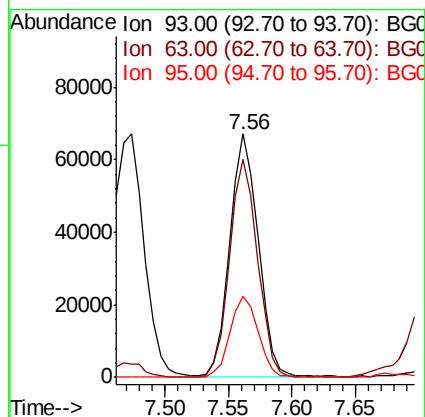
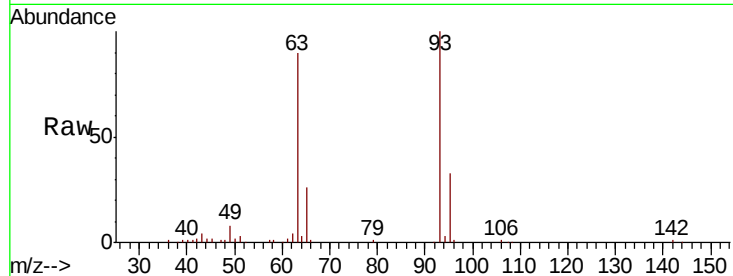
#11
bis(2-Chloroethyl)ether
Concen: 39.117 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	69.5	109.5
95	33.1	12.7	52.7

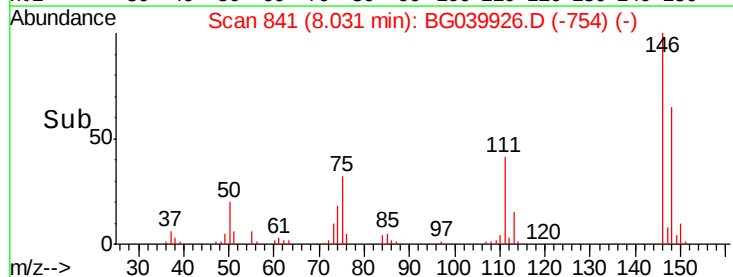
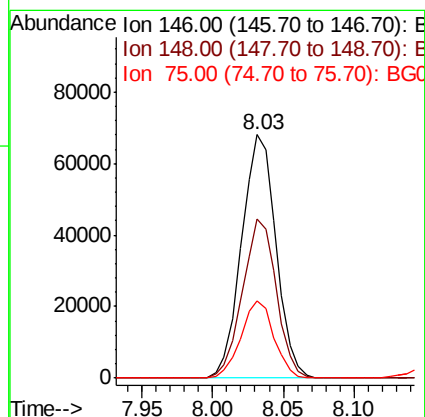
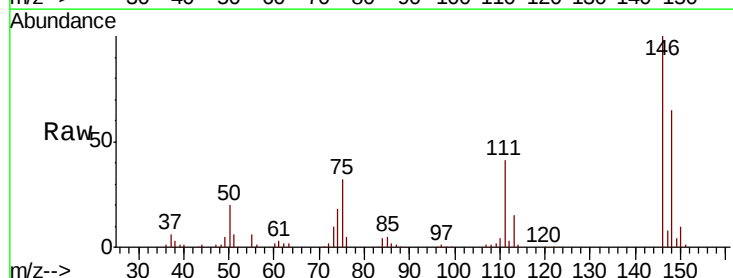
Manual Integrations
APPROVED

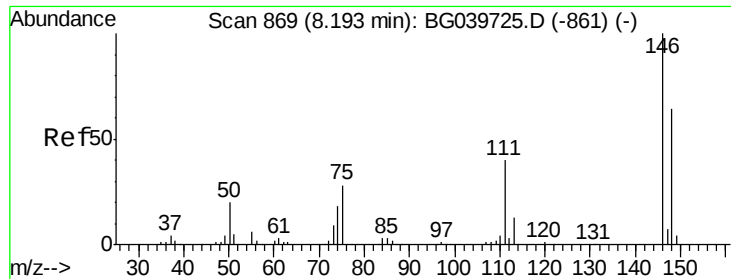
Sohil
3/15/2019 10:12:28 AM



#12
1,3-Dichlorobenzene
Concen: 39.714 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.6	79.0
75	31.6	25.8	38.6





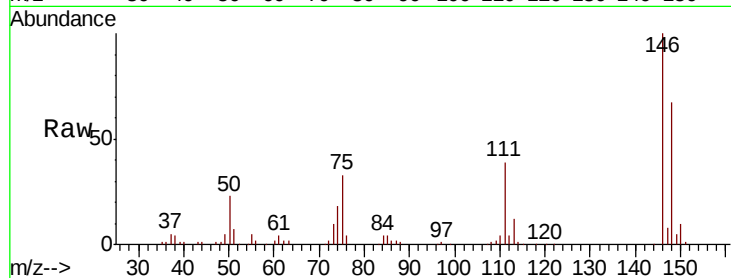
#13
 1,4-Dichlorobenzene
 Concen: 38.826 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.1	76.7
111	39.0	32.6	48.8

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM

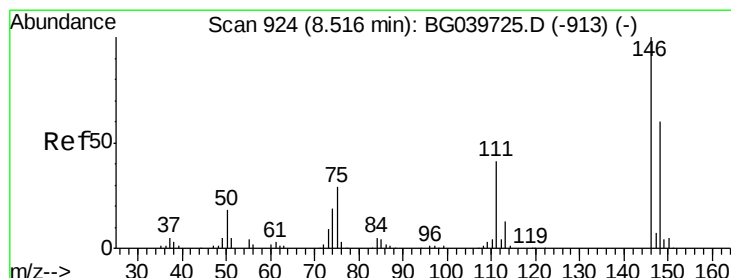
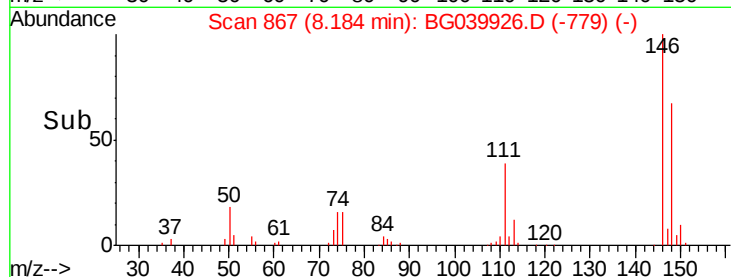
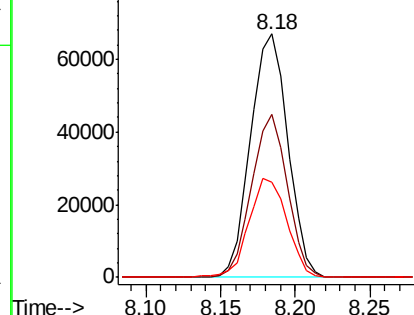


Abundance

Ion 146.00 (145.70 to 146.70): E

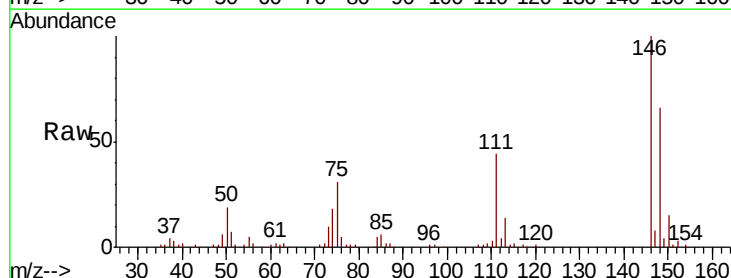
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.394 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.5	77.3
111	43.5	33.8	50.6

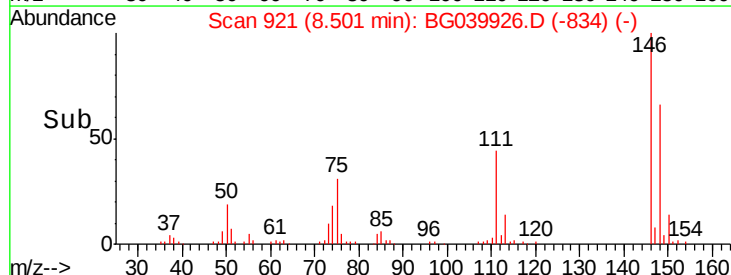
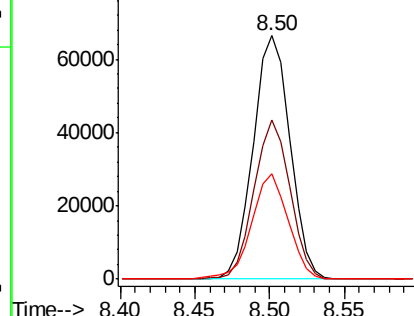


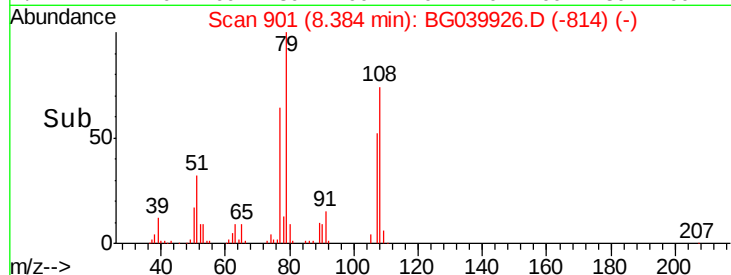
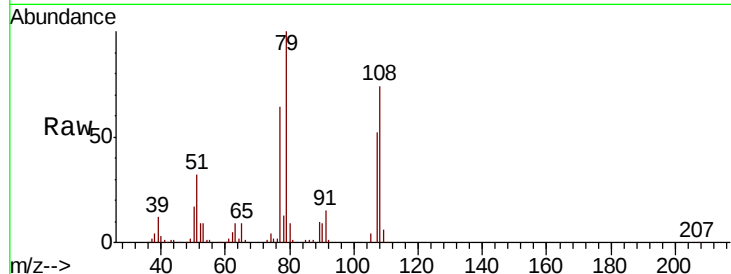
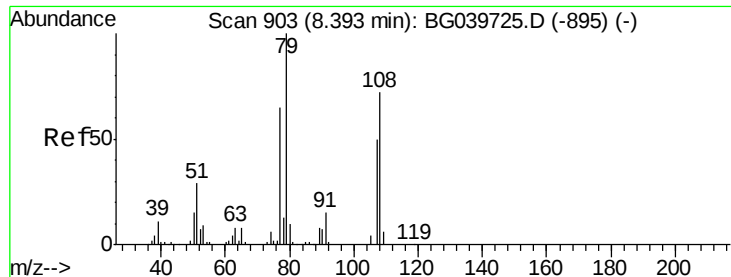
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





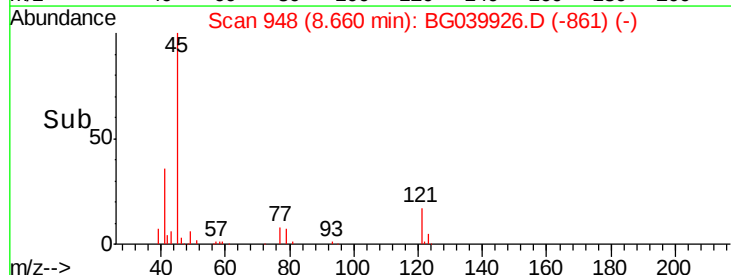
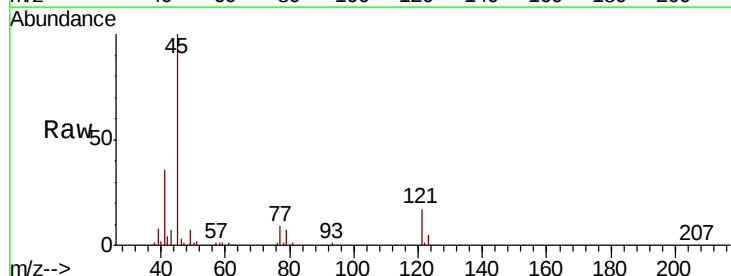
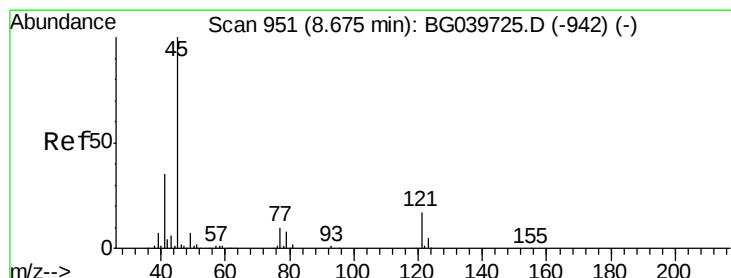
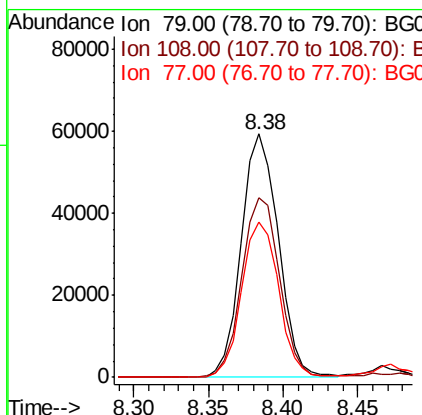
#15
Benzyl Alcohol
Concen: 40.565 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	57.8	86.6
77	63.6	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

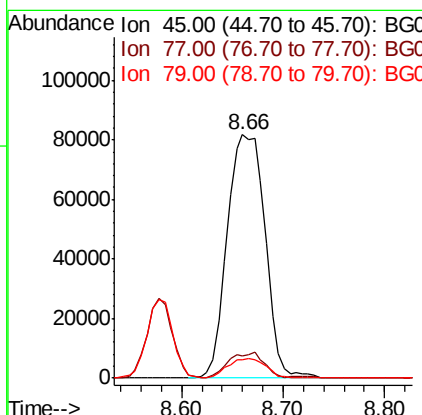
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.440 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.3	0.0	30.0
79	7.4	0.0	27.5





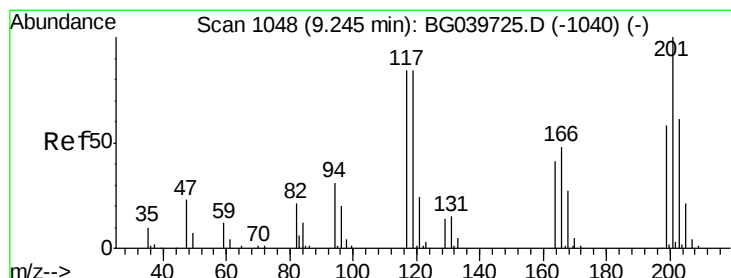
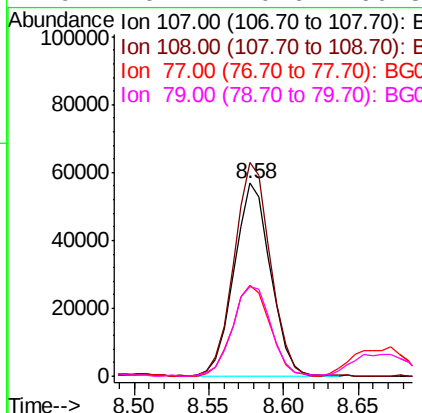
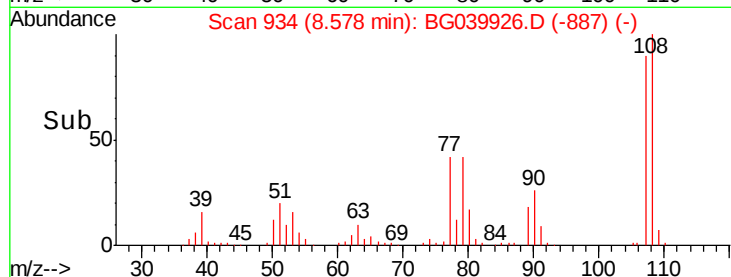
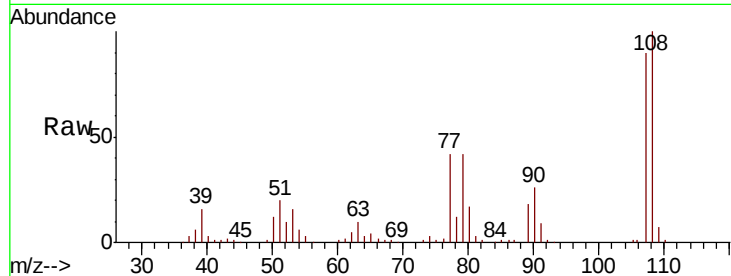
#17
2-Methylphenol
Concen: 44.094 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:	107	Resp:	96636
Ion Ratio	Lower	Upper	
107	100		
108	110.5	90.8	136.2
77	46.9	40.7	61.1
79	46.1	40.6	60.8

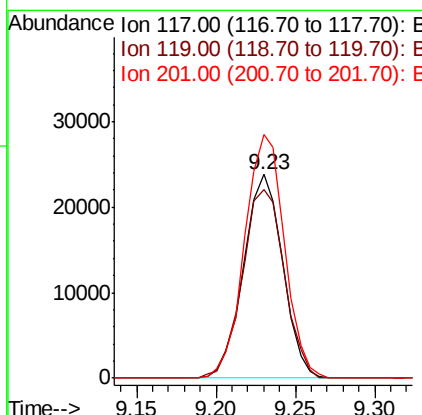
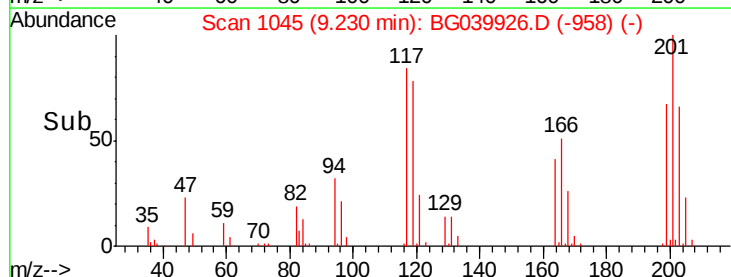
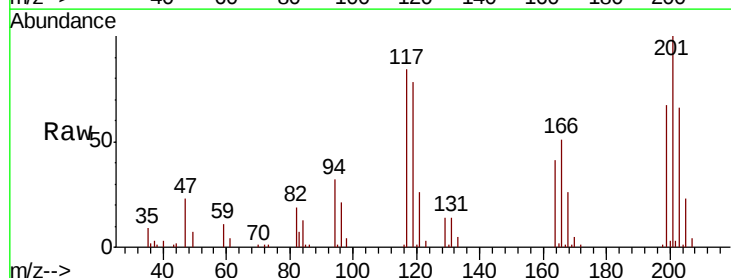
Manual Integrations
APPROVED

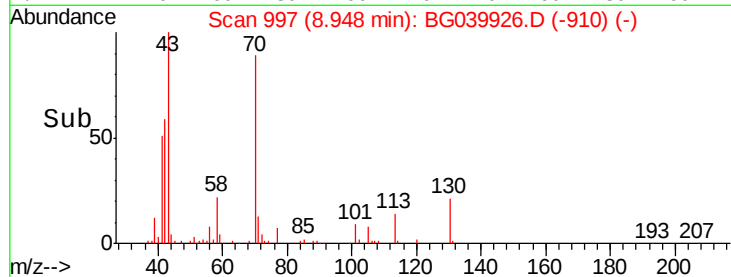
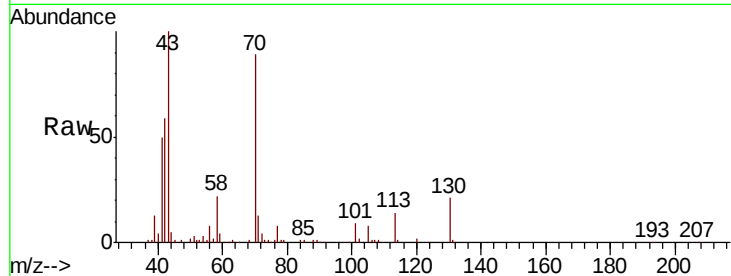
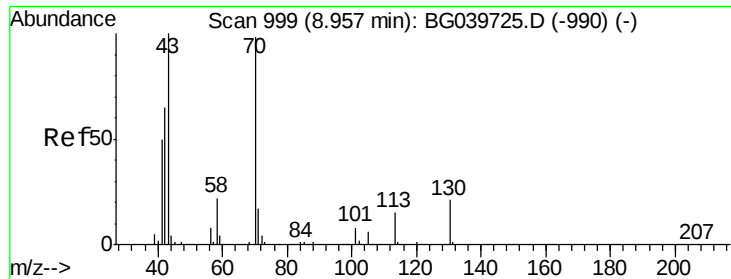
Sohil
3/15/2019 10:12:28 AM



#18
Hexachloroethane
Concen: 38.346 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:	117	Resp:	40917
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.3	114.5
201	119.5	91.1	136.7





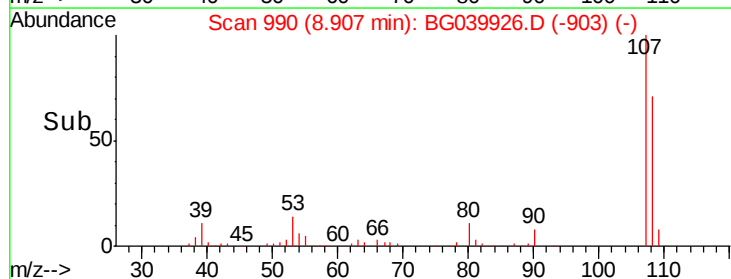
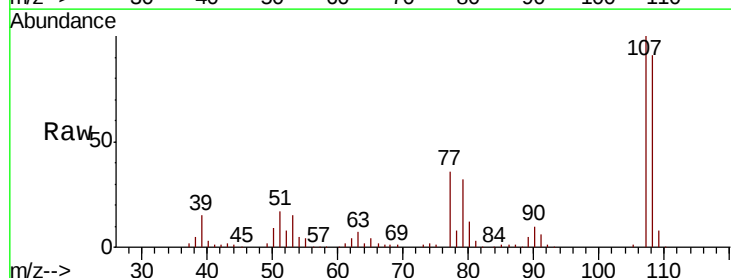
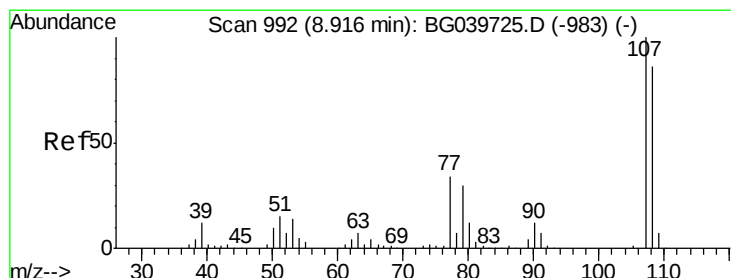
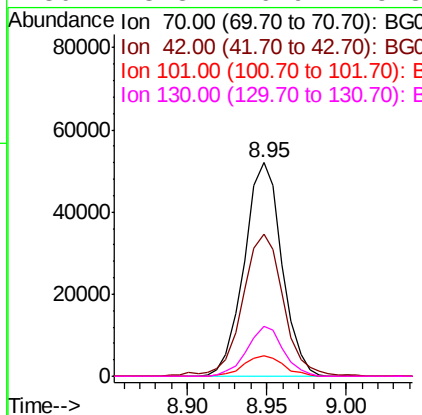
#19
n-Nitroso-di-n-propylamine
Concen: 37.557 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	60.4	90.6
101	9.7	7.5	11.3
130	23.3	16.9	25.3

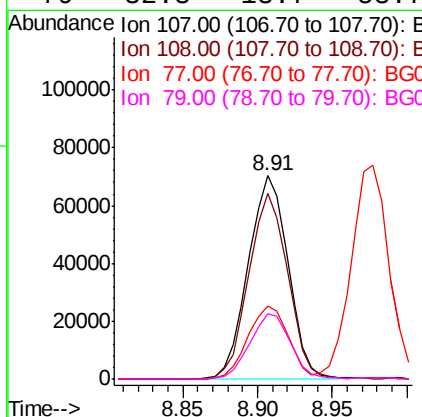
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#20
3+4-Methylphenols
Concen: 42.536 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.9	107.9
77	36.0	15.4	55.4
79	32.3	13.7	53.7





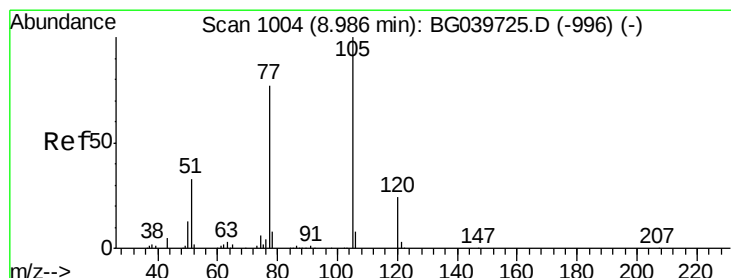
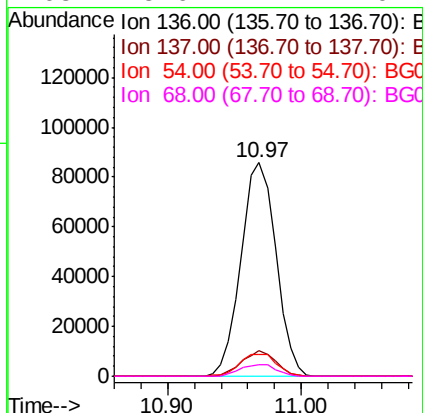
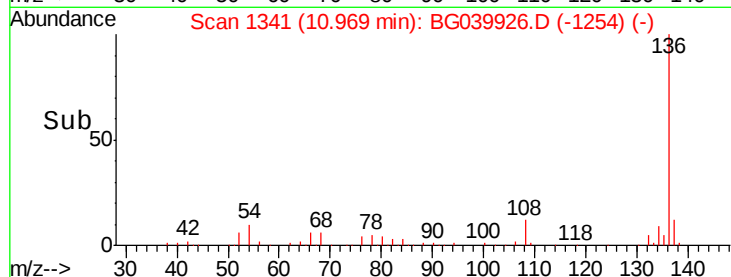
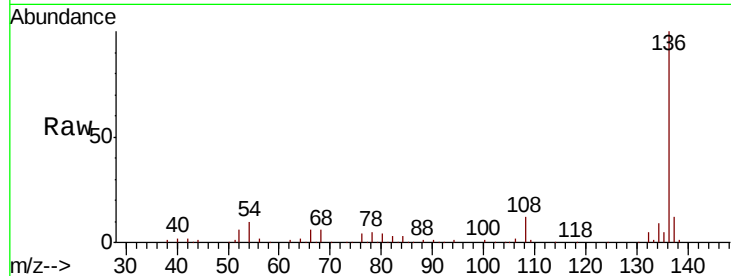
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.1	9.1	13.7
54	10.2	9.4	14.2
68	5.6	4.2	6.4

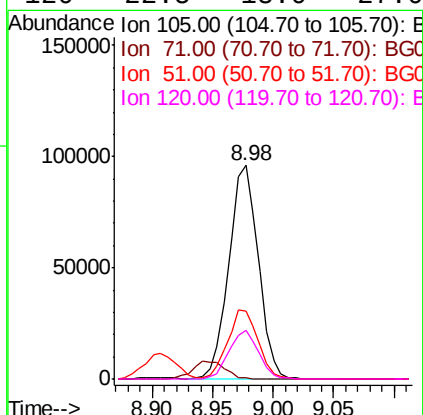
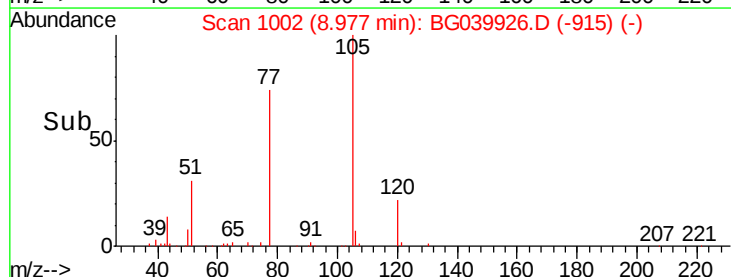
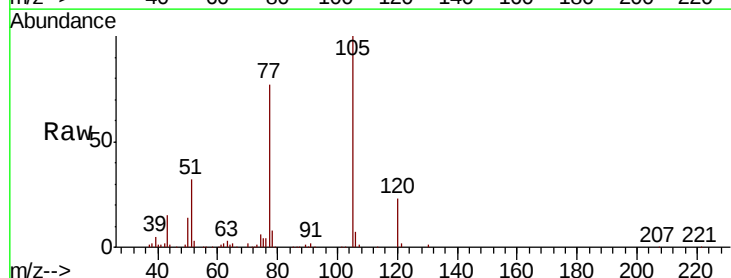
Manual Integrations
APPROVED

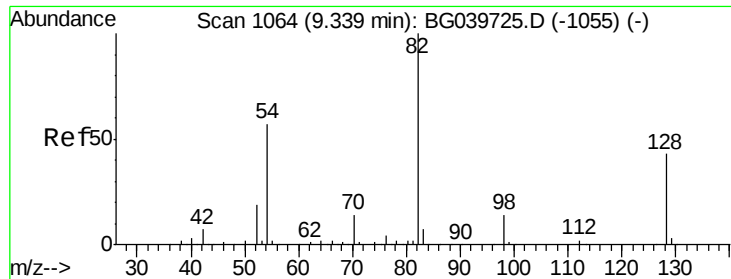
Sohil
3/15/2019 10:12:28 AM



#22
Acetophenone
Concen: 39.164 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	31.8	30.2	45.2
120	22.5	18.0	27.0





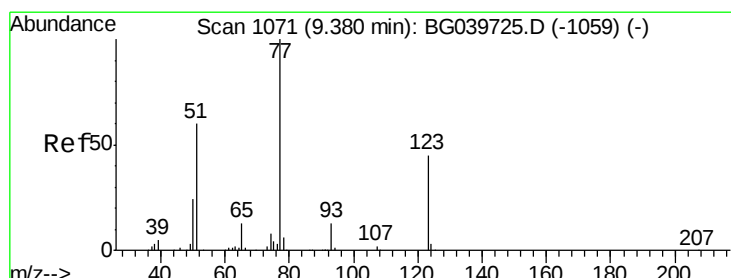
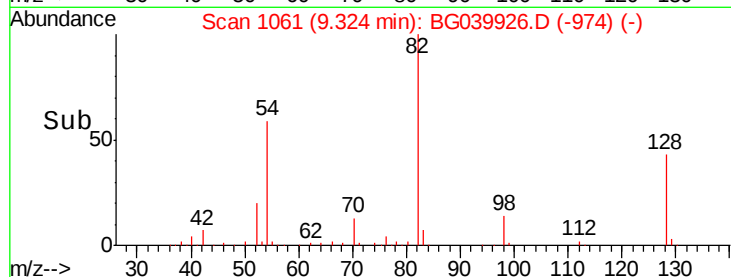
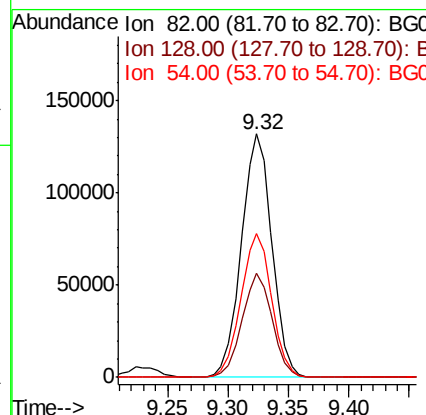
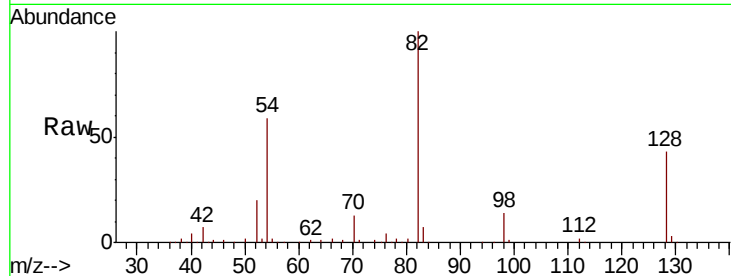
#23
Nitrobenzene-d5
Concen: 80.754 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	232560		
128	42.6	31.3	46.9	
54	58.8	50.9	76.3	

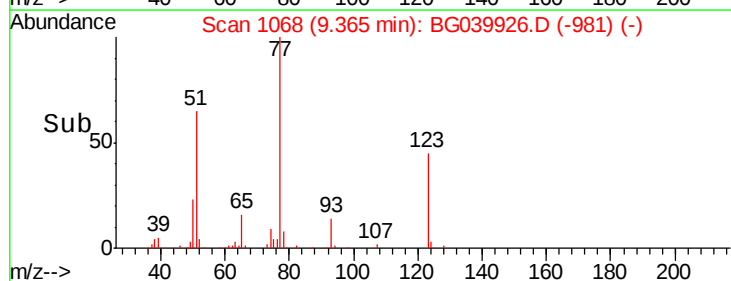
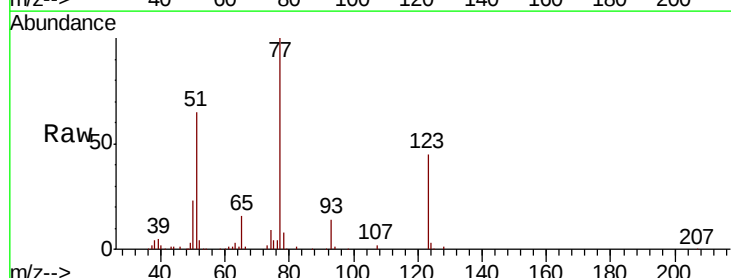
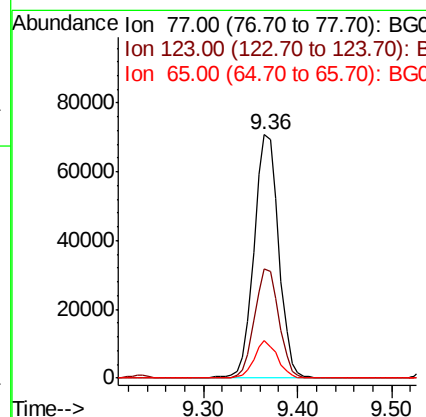
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#24
Nitrobenzene
Concen: 42.519 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	128459		
123	45.1	34.1	51.1	
65	15.7	12.3	18.5	





#25

Isophorone

Concen: 41.097 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

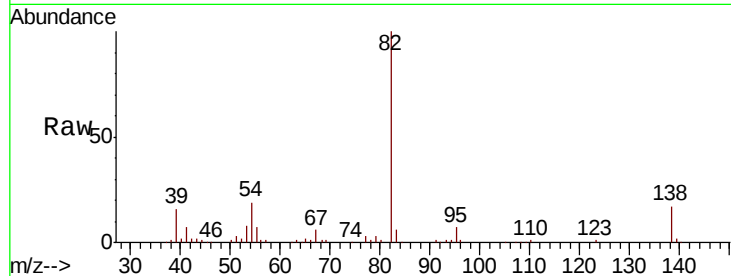
ClientSampleId :

PB117907BSD

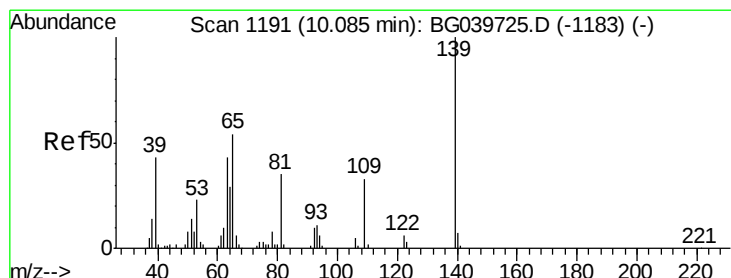
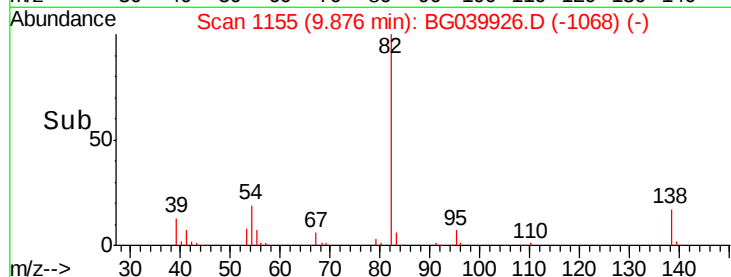
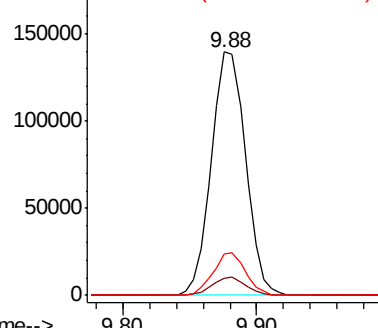
Tot Ion:	82	Resp:	247987
Ion Ratio	Lower	Upper	
82	100		
95	6.9	6.2	9.2
138	17.1	13.0	19.4

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



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



#26

2-Nitrophenol

Concen: 42.761 ng

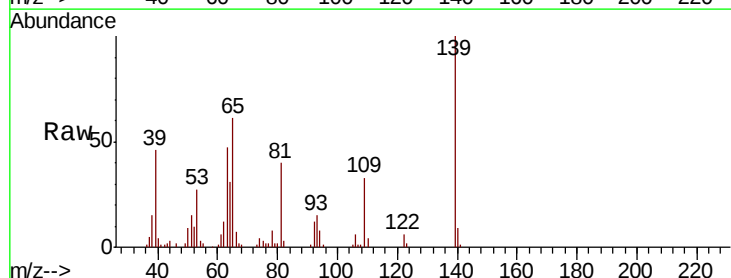
RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

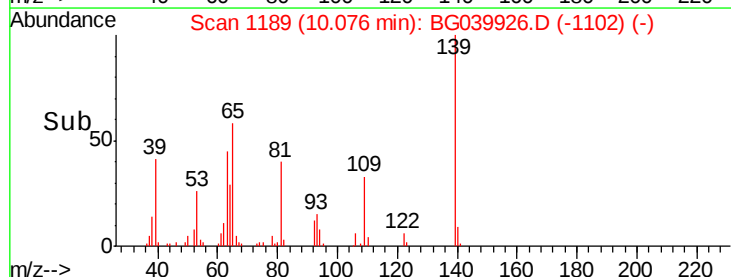
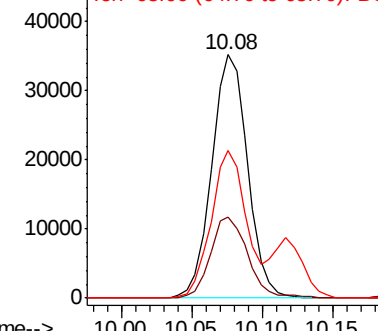
Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	139	Resp:	62375
Ion Ratio	Lower	Upper	
139	100		
109	33.1	23.4	35.0
65	60.6	44.3	66.5



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





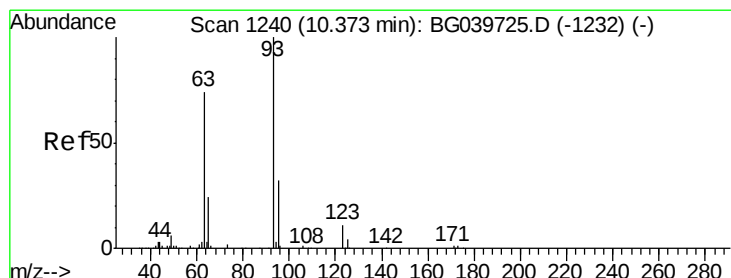
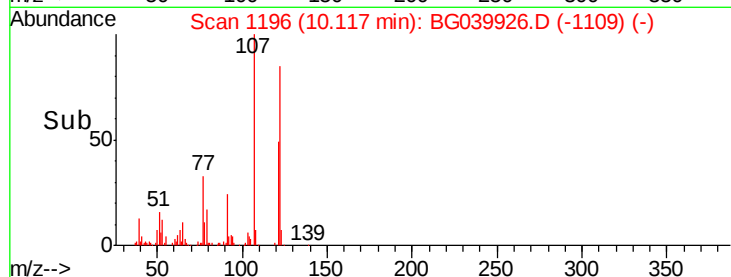
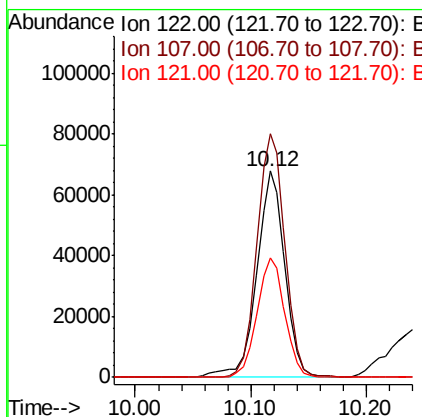
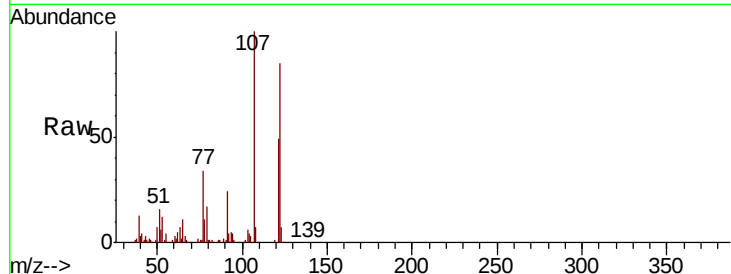
#27
2,4-Dimethylphenol
Concen: 50.387 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	91.7	137.5
121	58.0	46.4	69.6

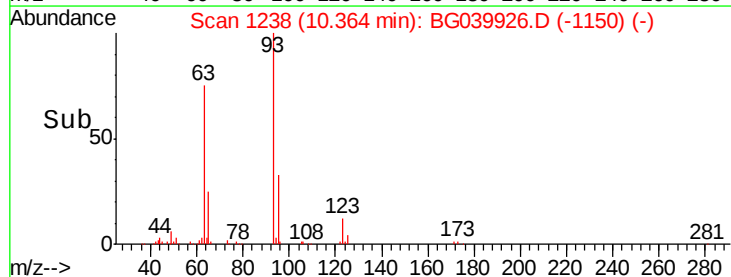
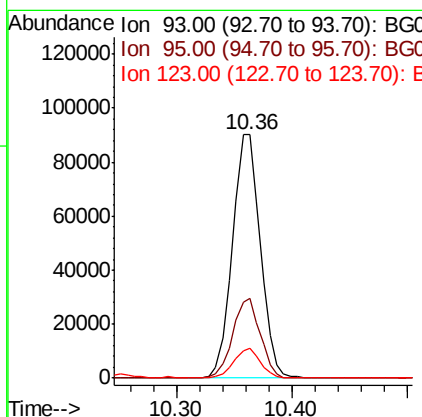
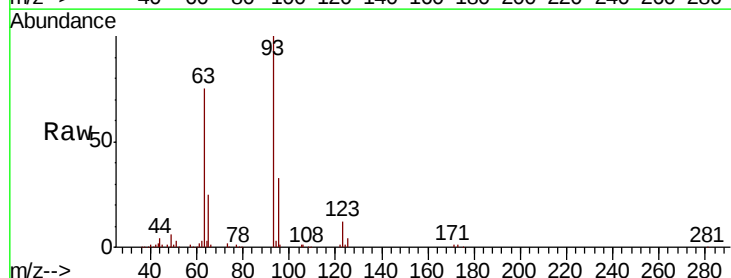
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.090 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	12.1	8.6	12.8





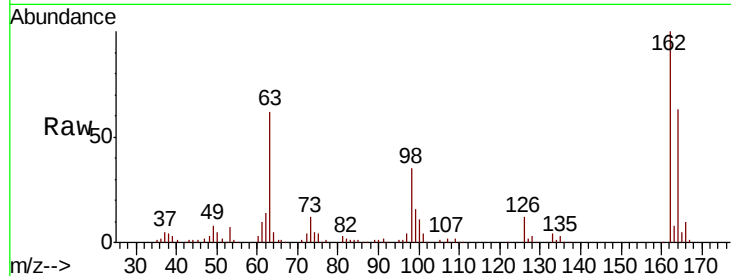
#29
 2,4-Dichlorophenol
 Concen: 47.460 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		121224		
164	63.0	48.1	88.1		
98	35.3	18.1	58.1		

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM

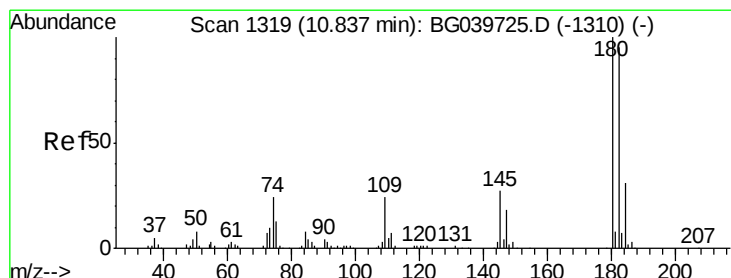
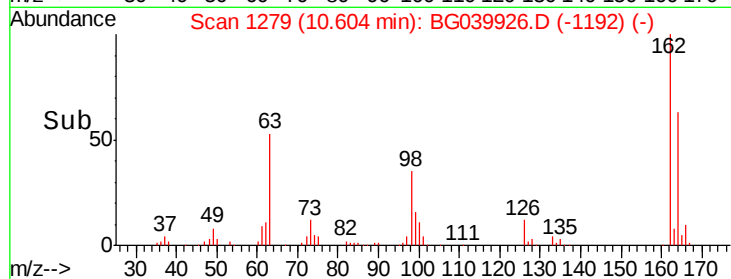
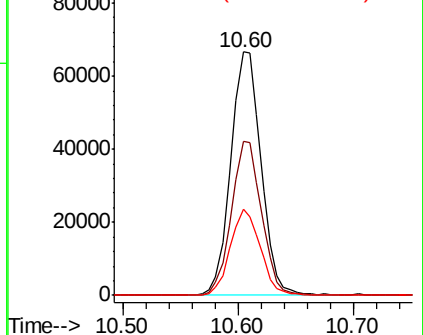


Abundance

Ion 162.00 (161.70 to 162.70): E

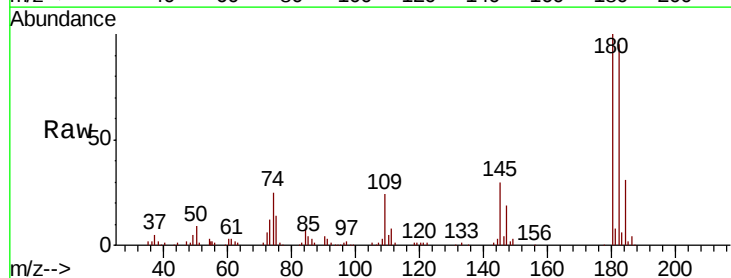
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.841 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		120260		
182	95.1	76.0	114.0		
145	29.9	22.7	34.1		

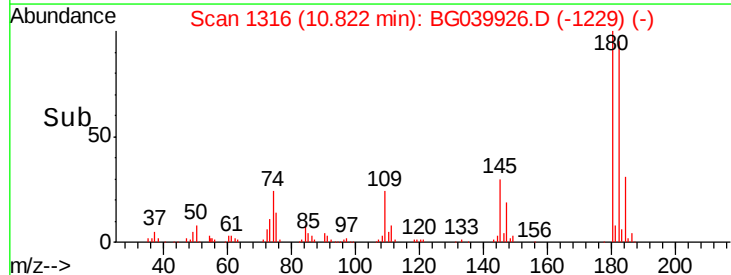
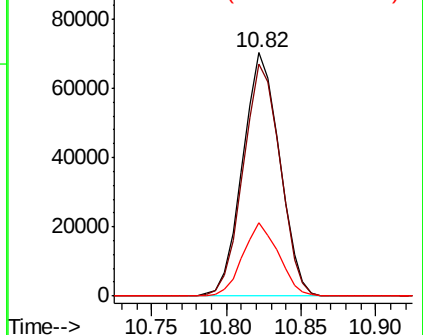


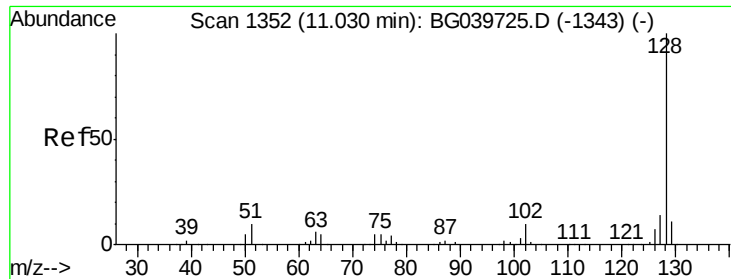
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





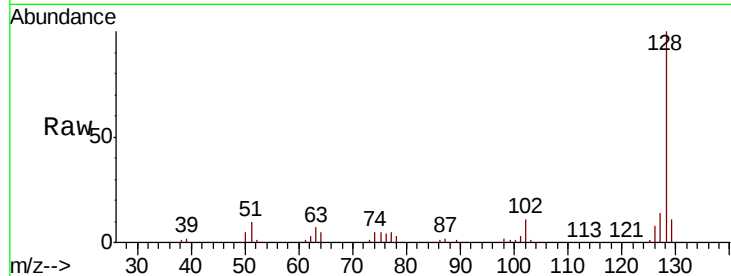
#31
Naphthalene
Concen: 41.415 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.7	10.8	16.2

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

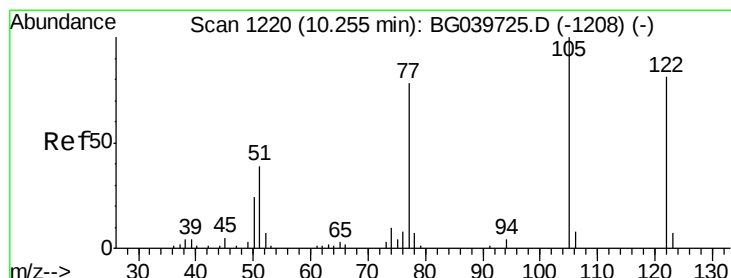
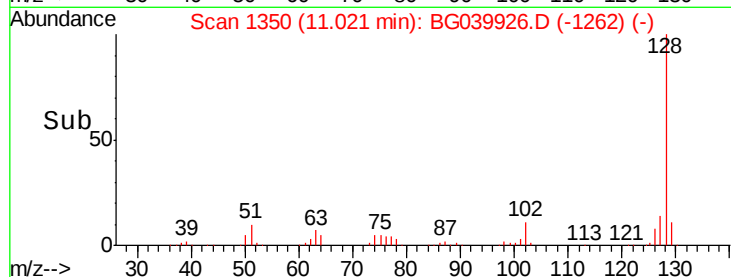
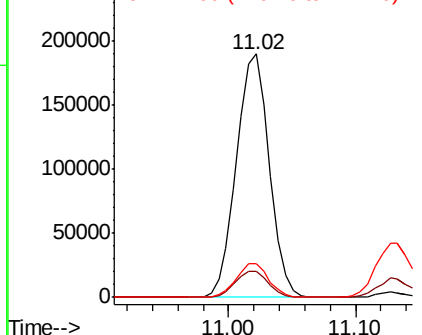


Abundance

Ion 128.00 (127.70 to 128.70): E

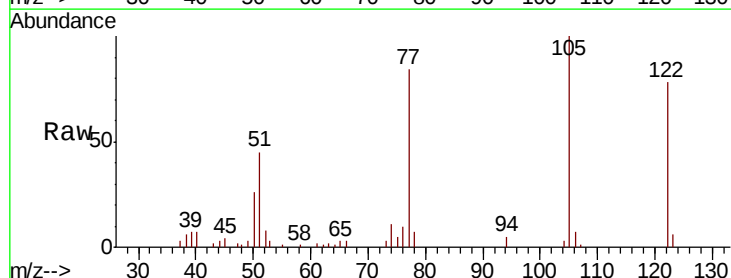
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.317 ng m
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	101.8	141.8
77	107.8	76.3	116.3

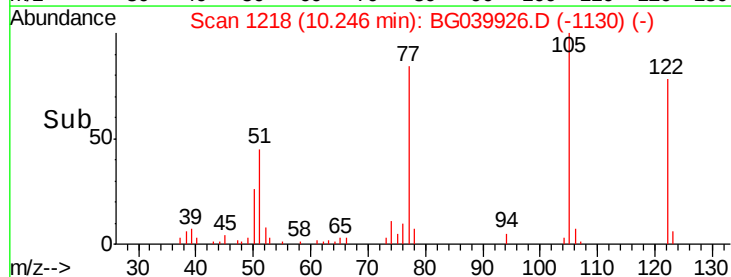
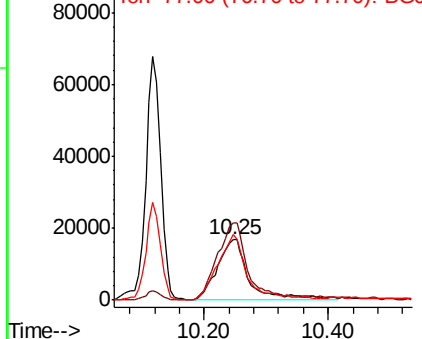


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





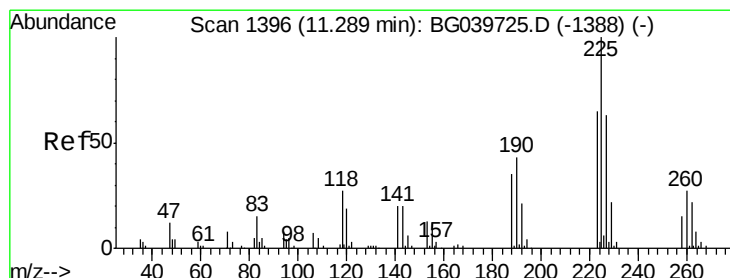
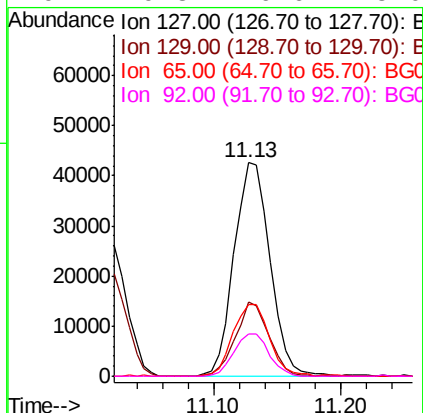
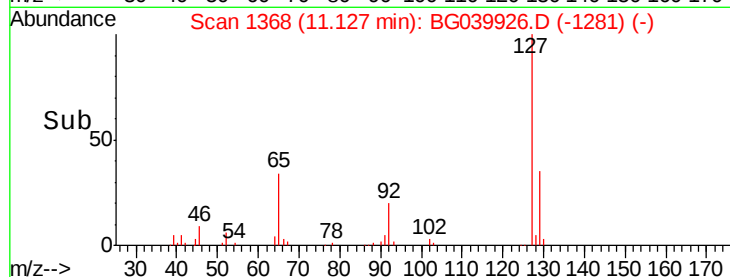
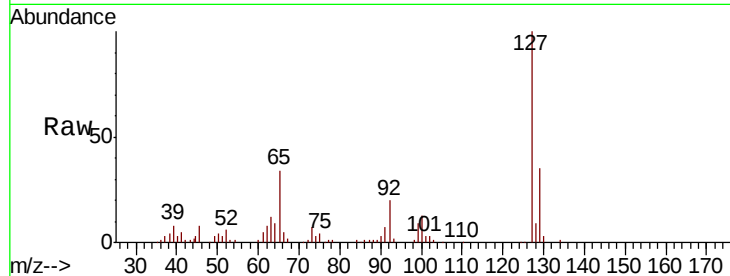
#33
4-Chloroaniline
Concen: 23.884 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.9	27.0	40.4	
65	33.6	28.8	43.2	
92	19.8	16.6	25.0	

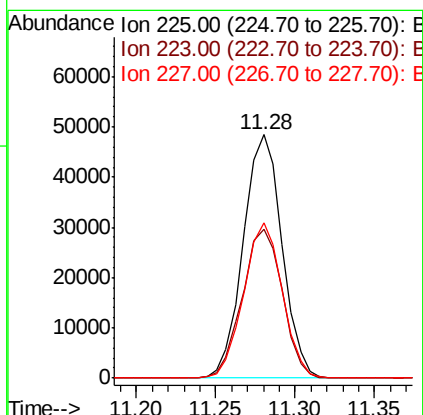
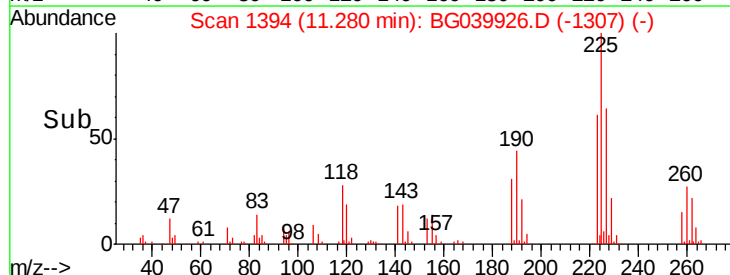
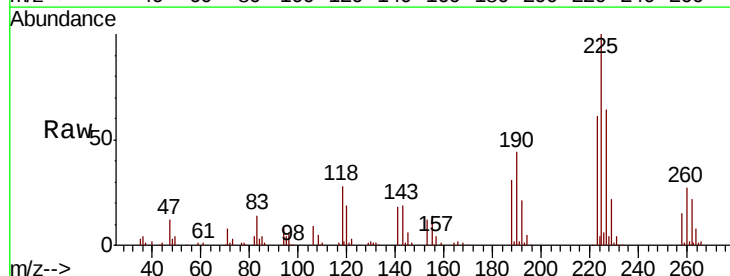
Manual Integrations
APPROVED

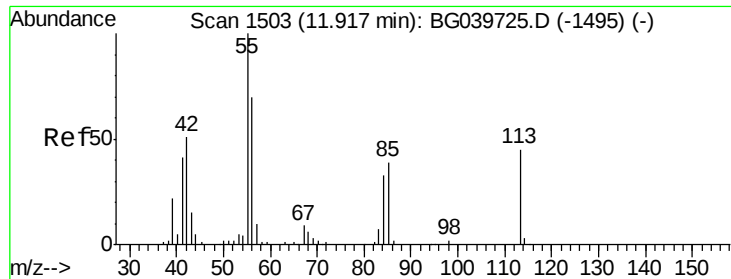
Sohil
3/15/2019 10:12:28 AM



#34
Hexachlorobutadiene
Concen: 41.887 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.9	49.0	73.6	
227	63.7	46.3	69.5	





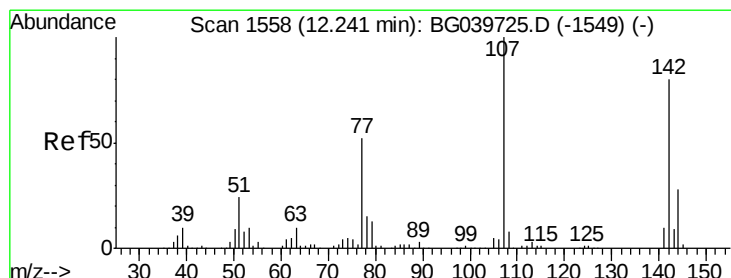
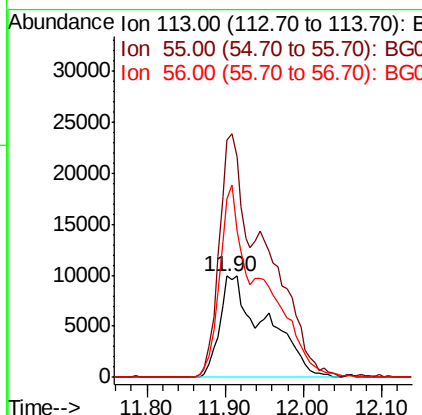
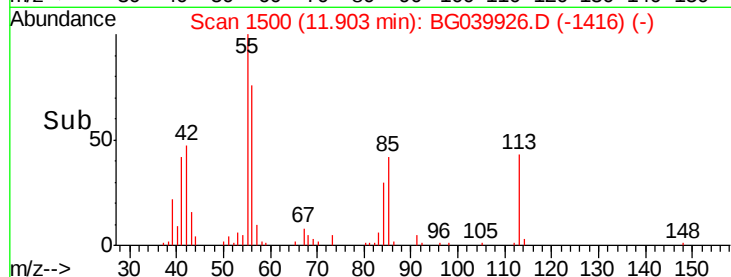
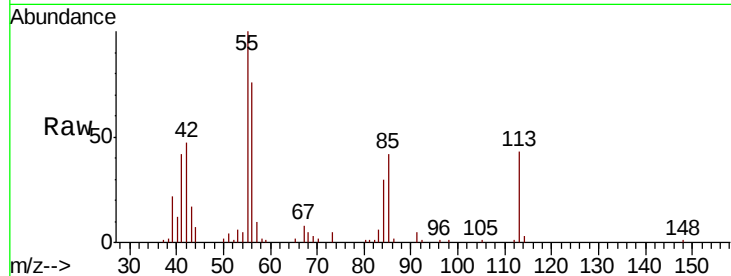
#35
Caprolactam
Concen: 42.159 ng/ml
RT: 11.90 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:113 Resp: 41135
Ion Ratio Lower Upper
113 100
55 233.2 216.9 256.9
56 176.1 152.6 192.6

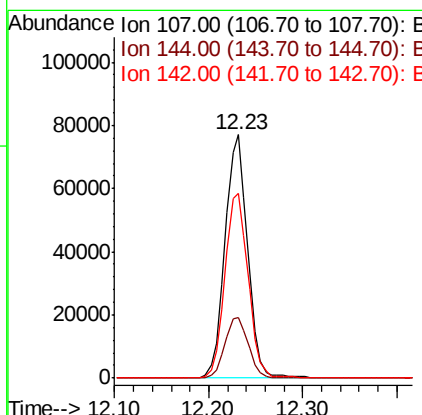
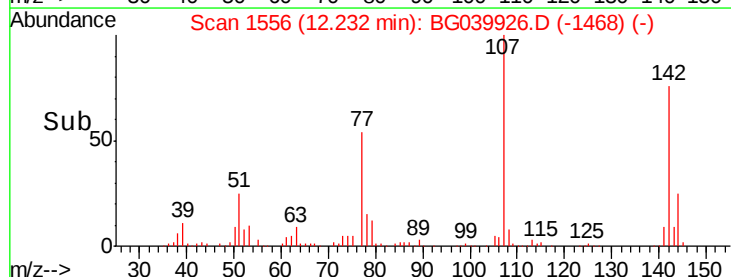
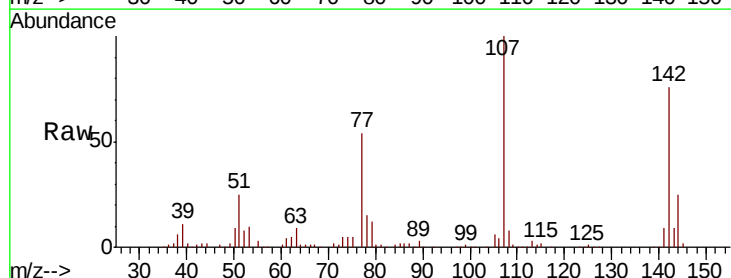
Manual Integrations
APPROVED

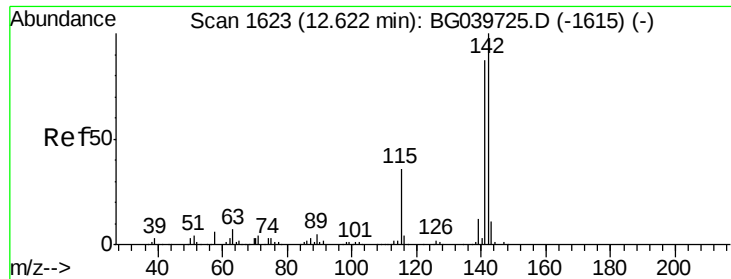
Sohil
3/15/2019 10:12:28 AM



#36
4-Chloro-3-methylphenol
Concen: 43.990 ng/ml
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:107 Resp: 128804
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.2
142 75.9 61.4 92.2





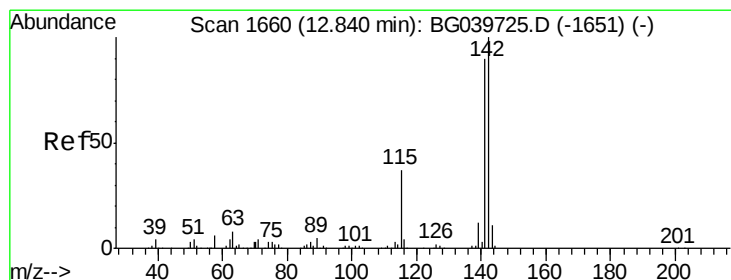
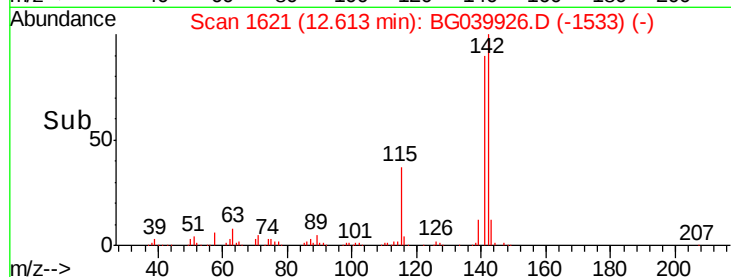
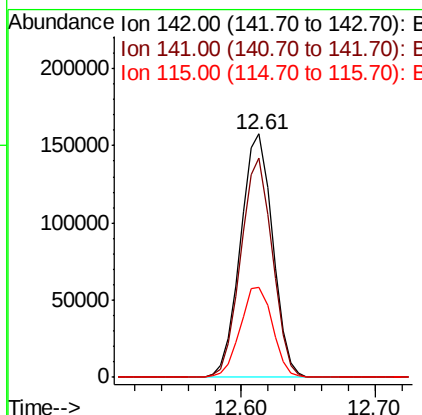
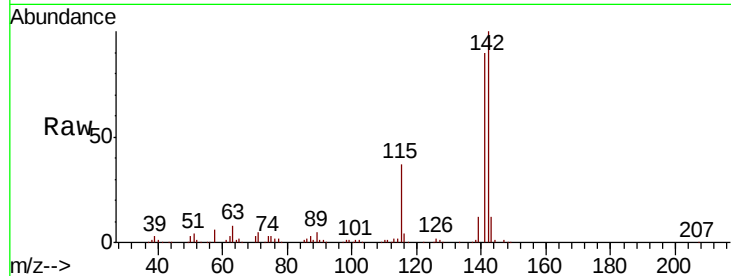
#37
2-Methylnaphthalene
Concen: 42.531 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	36.8	30.8	46.2

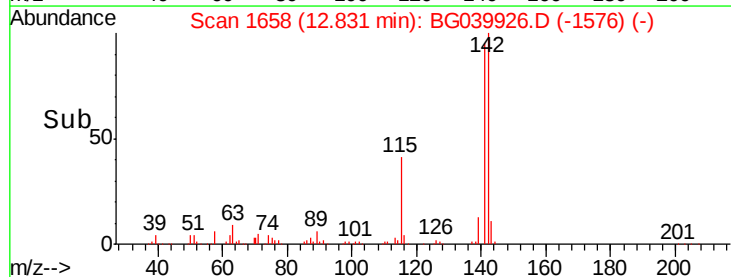
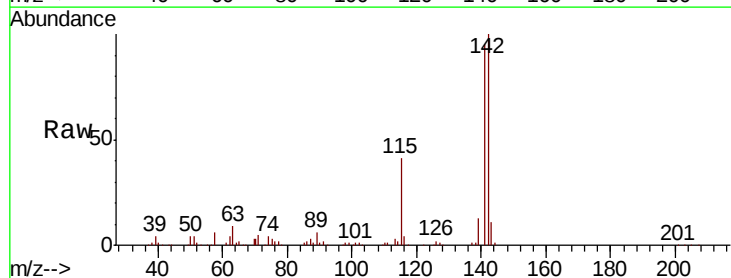
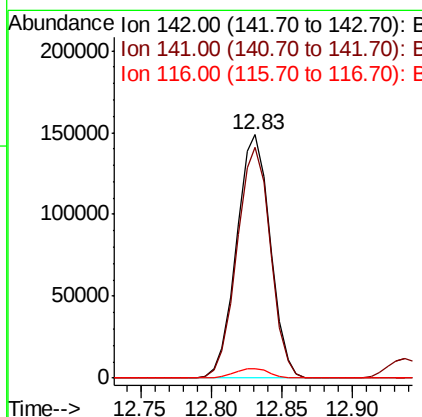
Manual Integrations
APPROVED

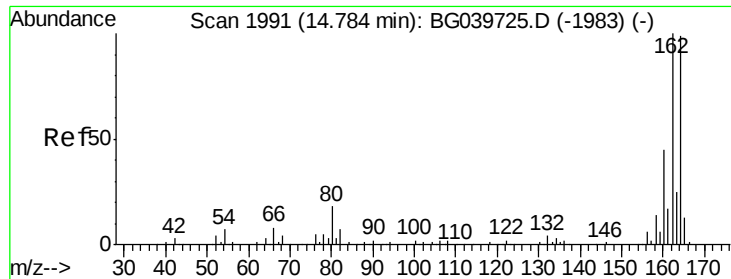
Sohil
3/15/2019 10:12:28 AM



#38
1-Methylnaphthalene
Concen: 41.398 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

Tot Ion:164 Resp: 107098

Ion Ratio Lower Upper

164 100

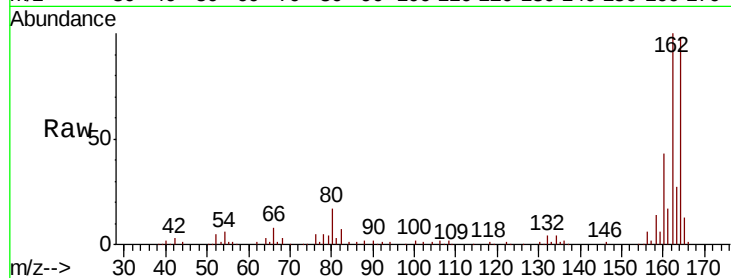
162 102.5 81.6 122.4

160 44.4 34.2 51.2

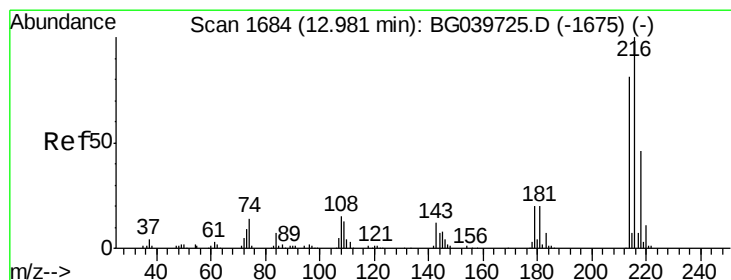
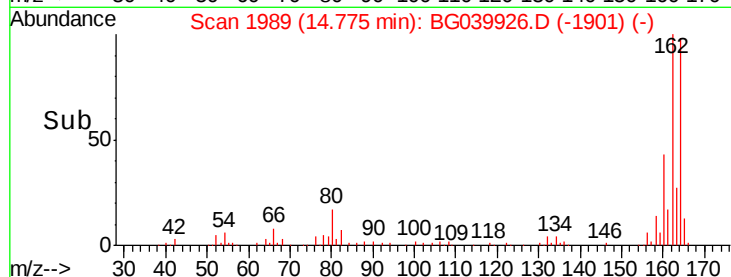
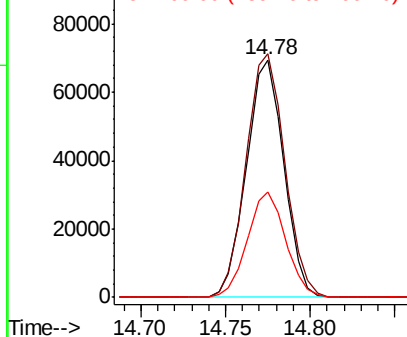
Manual Integrations
APPROVED

Sohil

3/15/2019 10:12:28 AM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.035 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:216 Resp: 145255

Ion Ratio Lower Upper

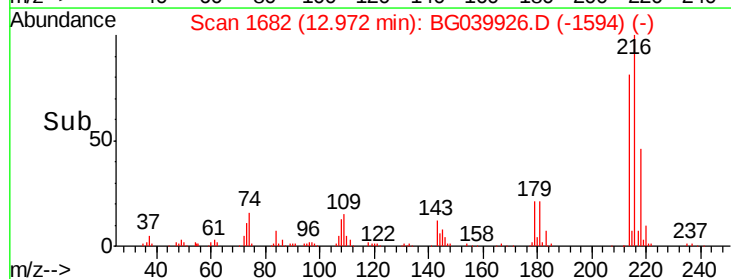
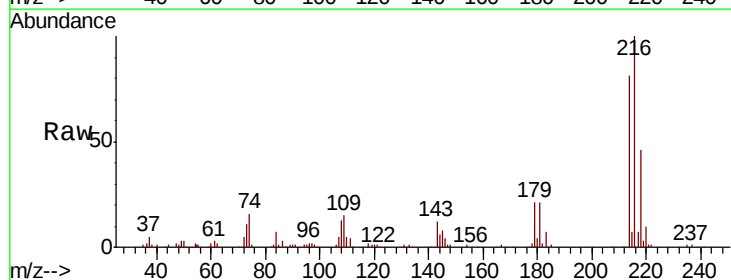
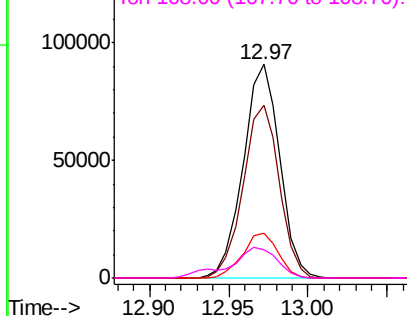
216 100

214 80.0 62.6 94.0

179 20.6 16.6 25.0

108 18.4 14.0 21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.983 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

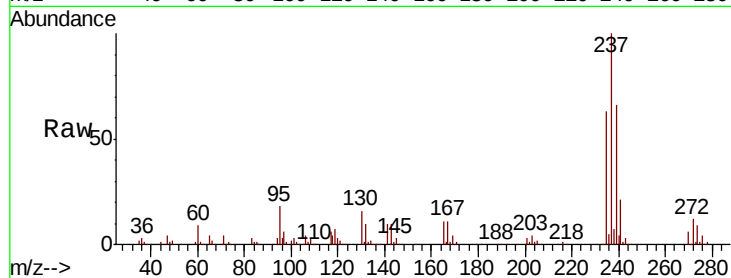
ClientSampleId :

PB117907BSD

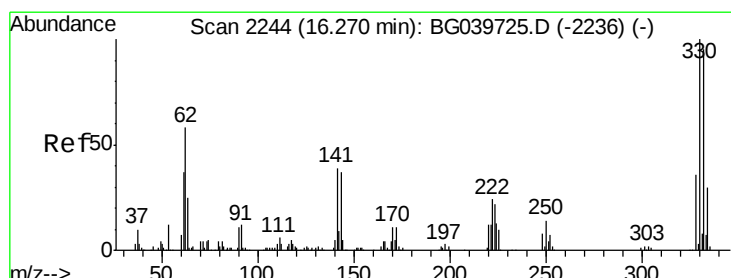
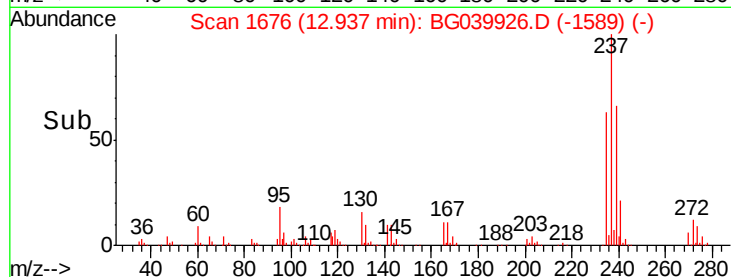
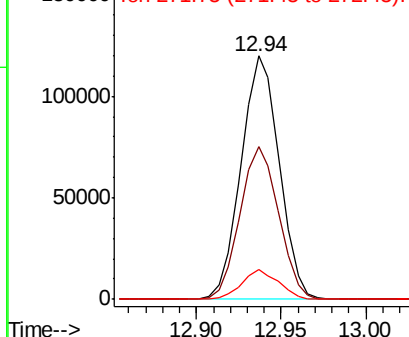
Tot Ion:	237	Resp:	188572
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.3	83.3
272	12.1	0.0	32.3

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



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: 136.668 ng

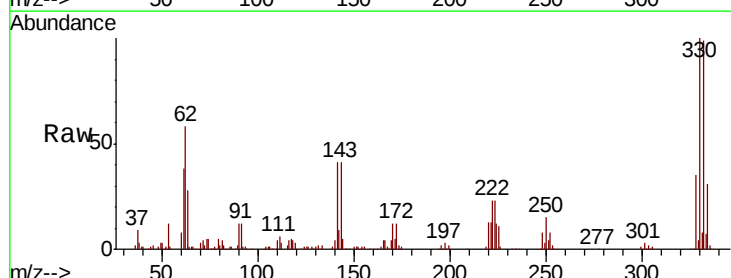
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

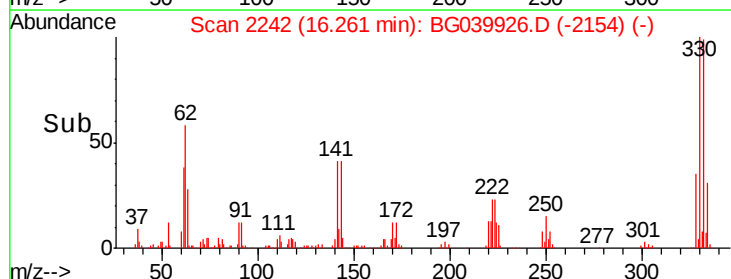
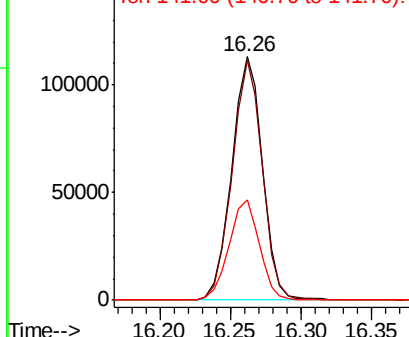
Lab File: BG039926.D

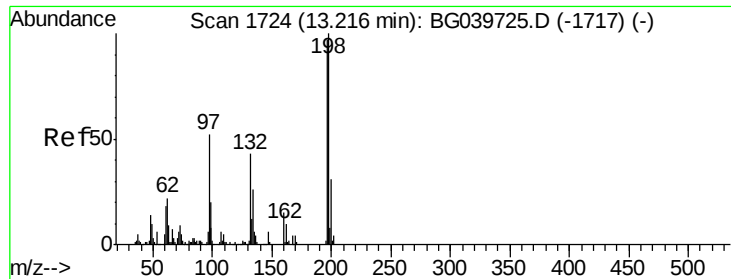
Acq: 14 Mar 2019 15:43

Tgt Ion:	330	Resp:	170604
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.7	113.5
141	41.0	35.6	53.4



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





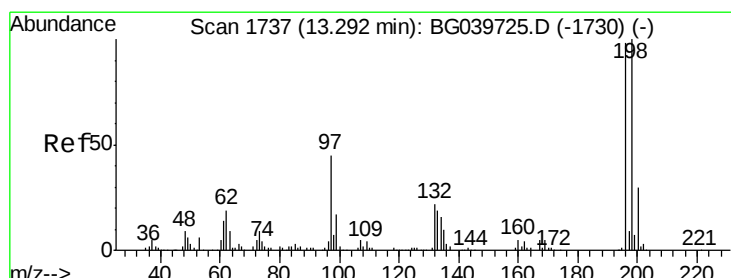
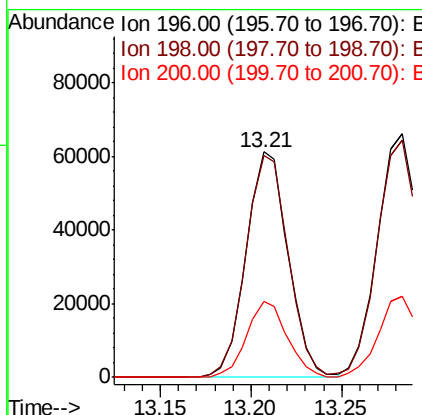
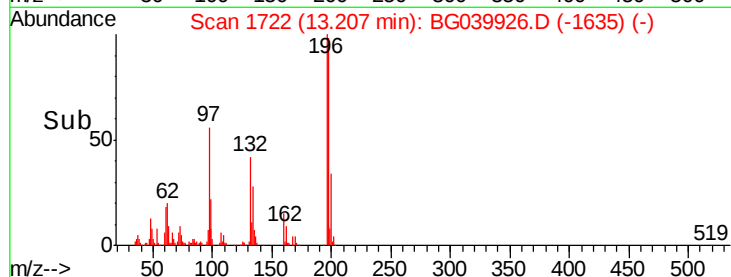
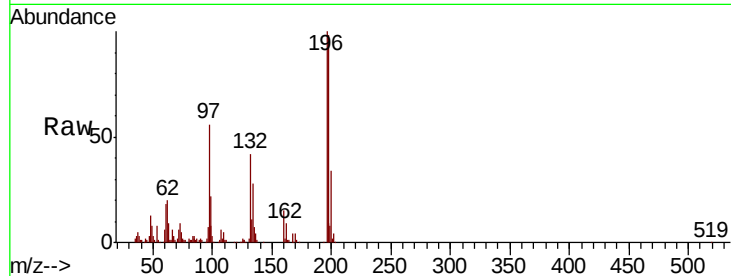
#43
 2,4,6-Trichlorophenol
 Concen: 46.454 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.4	80.6	121.0	
200	33.5	26.1	39.1	

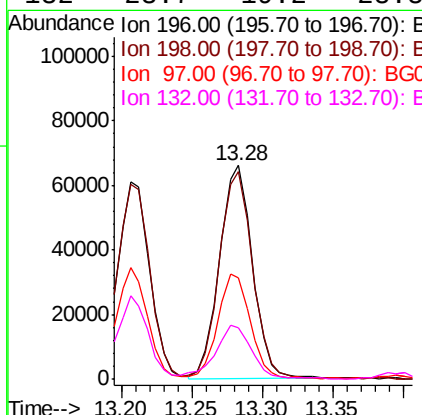
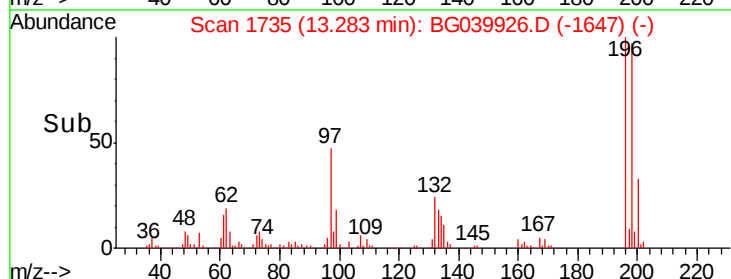
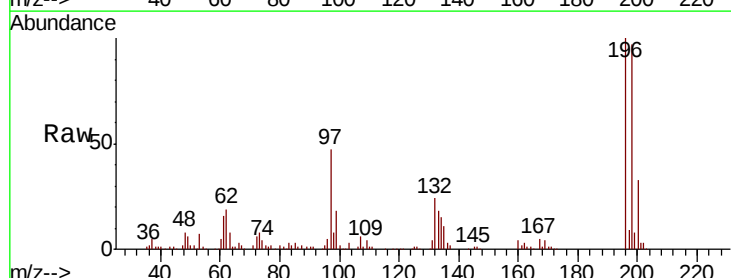
Manual Integrations
 APPROVED

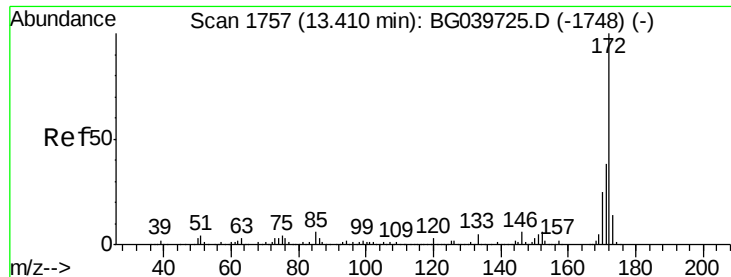
Sohil
 3/15/2019 10:12:28 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.663 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.4	78.5	117.7	
97	47.3	38.4	57.6	
132	23.7	19.2	28.8	





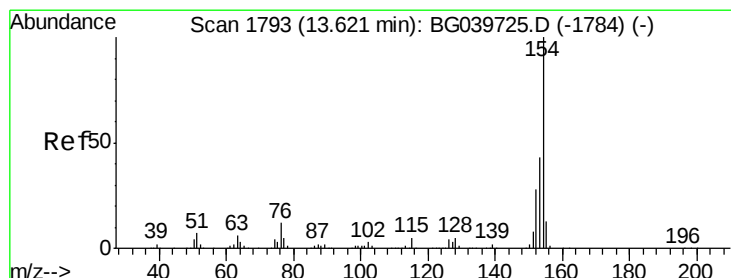
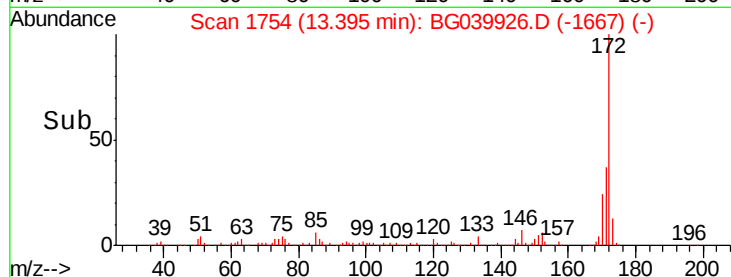
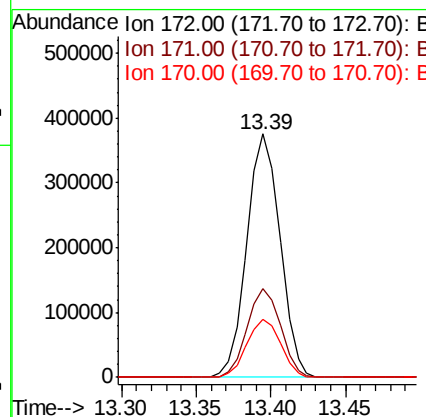
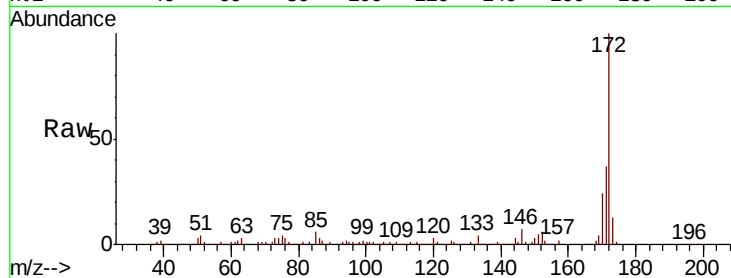
#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	23.8	20.2	30.4

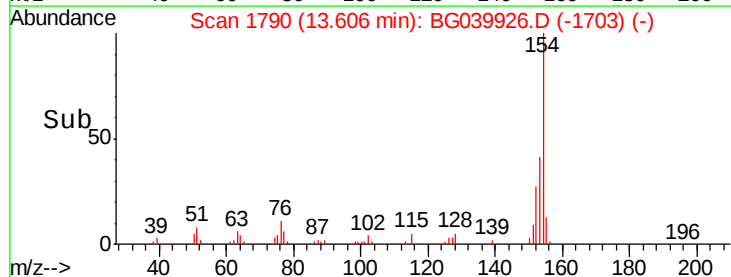
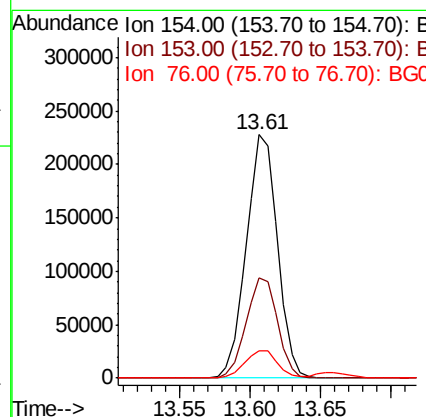
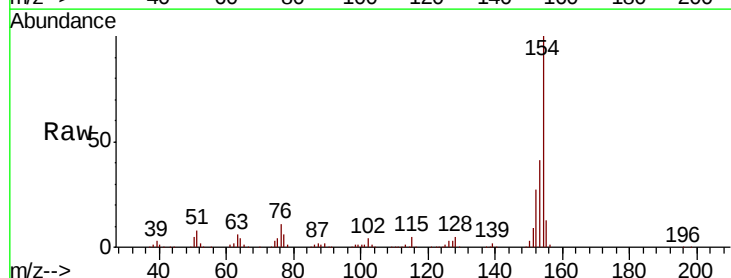
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#46
1,1'-Biphenyl
Concen: 39.910 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

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





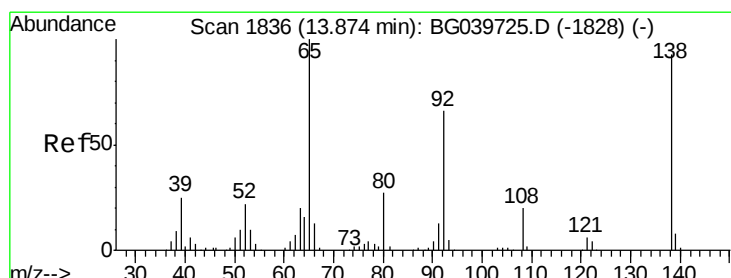
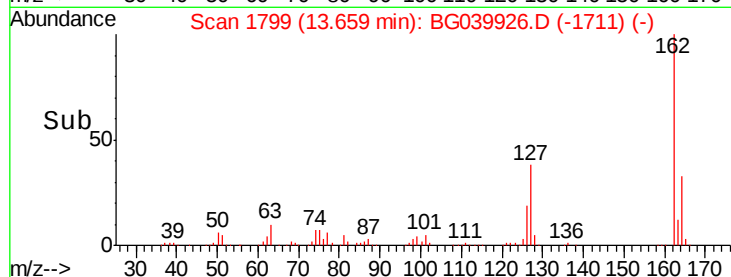
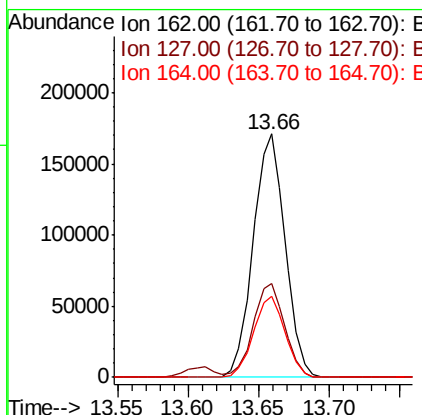
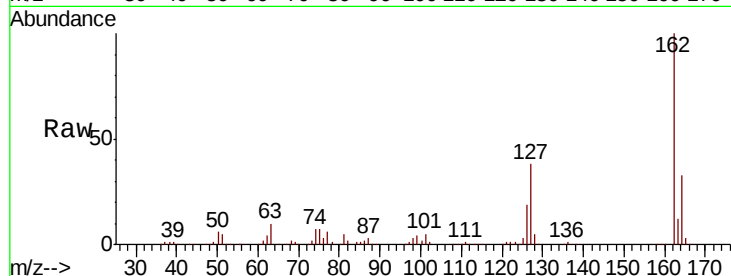
#47
 2-Chloronaphthalene
 Concen: 41.010 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	33.2	25.7	38.5

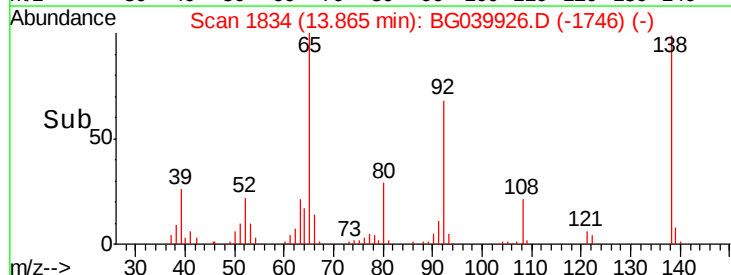
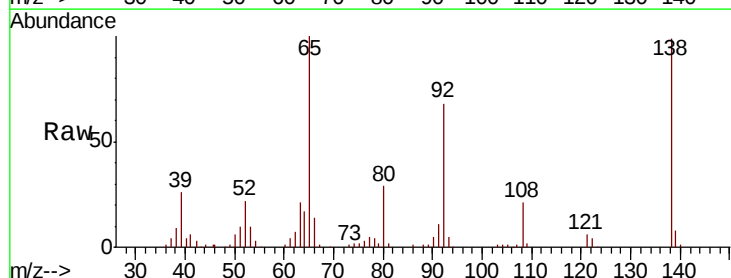
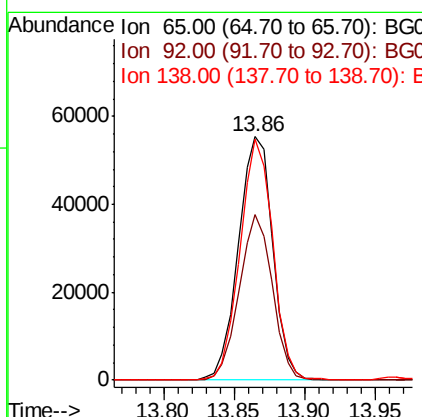
Manual Integrations
 APPROVED

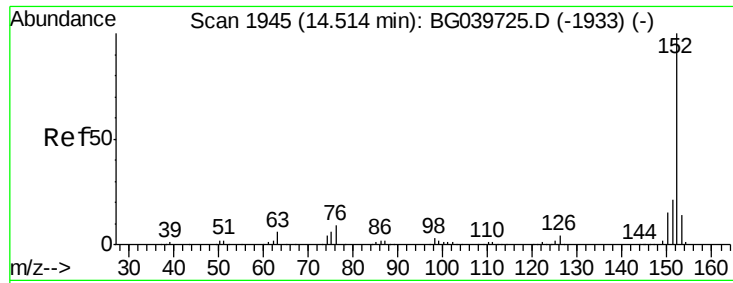
Sohil
 3/15/2019 10:12:28 AM



#48
 2-Nitroaniline
 Concen: 44.100 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	51.4	77.2
138	98.9	71.4	107.2





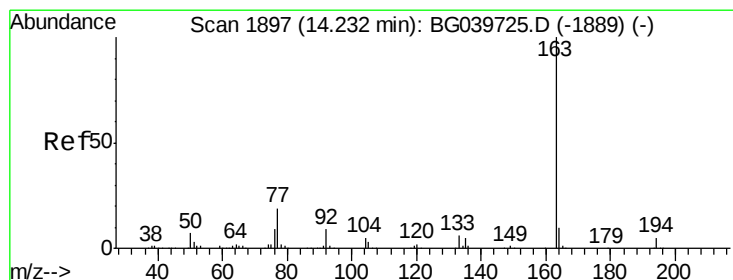
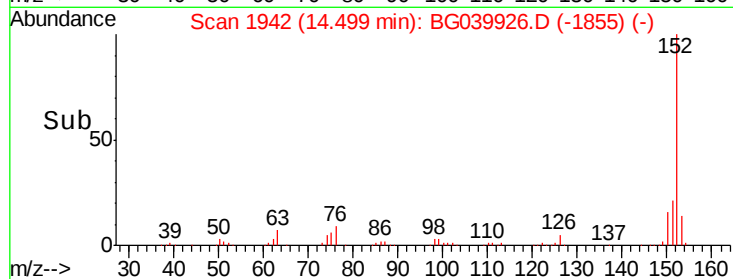
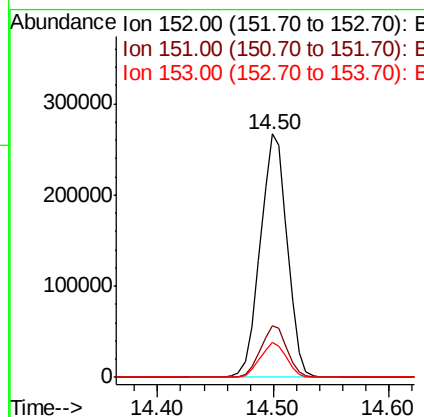
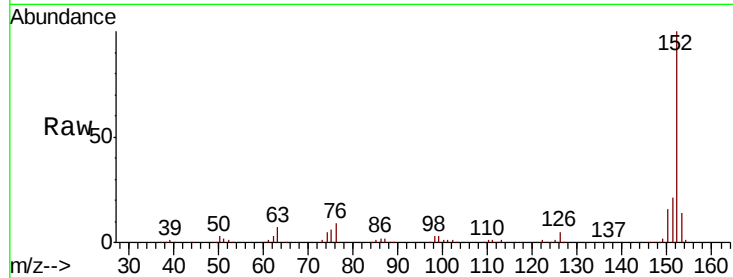
#49
Acenaphthylene
Concen: 39.859 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.1	11.7	17.5

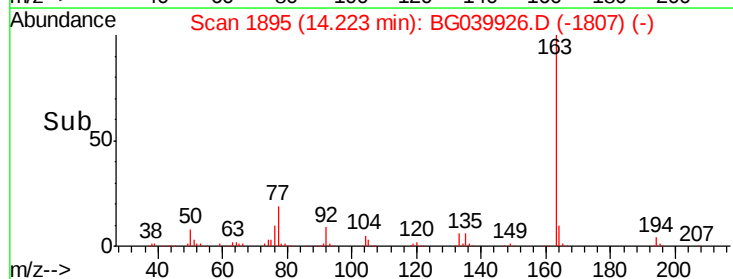
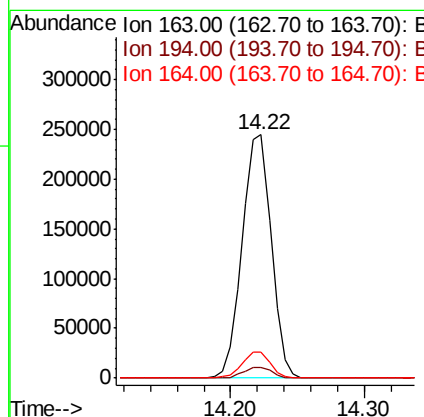
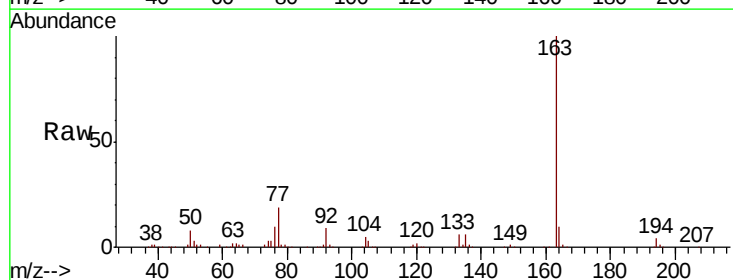
Manual Integrations
APPROVED

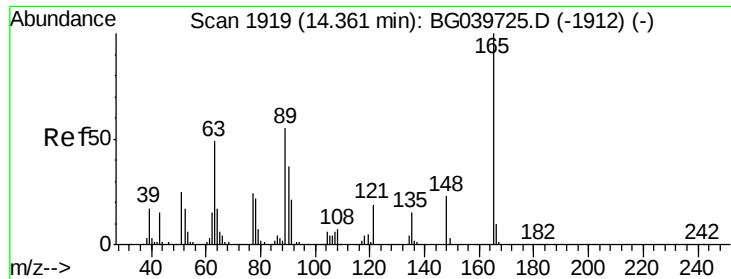
Sohil
3/15/2019 10:12:28 AM



#50
Dimethylphthalate
Concen: 40.961 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.5	8.4	12.6





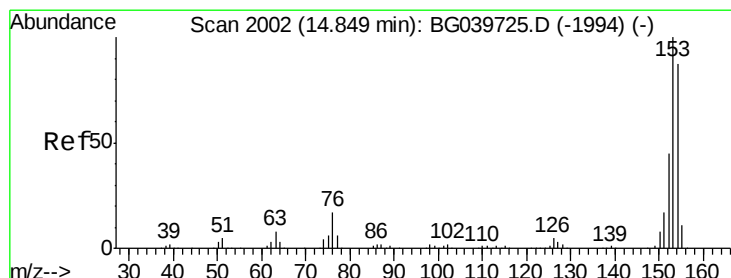
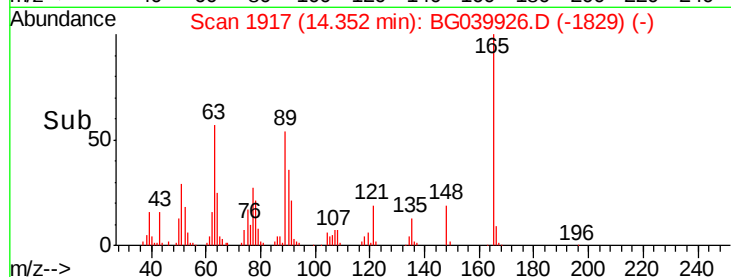
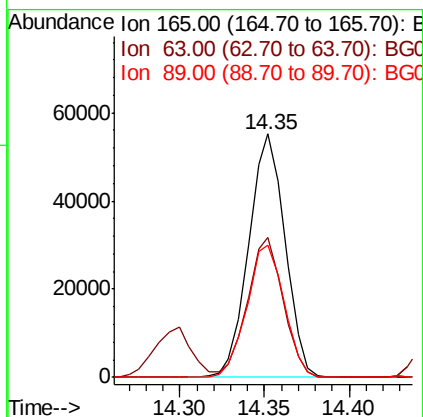
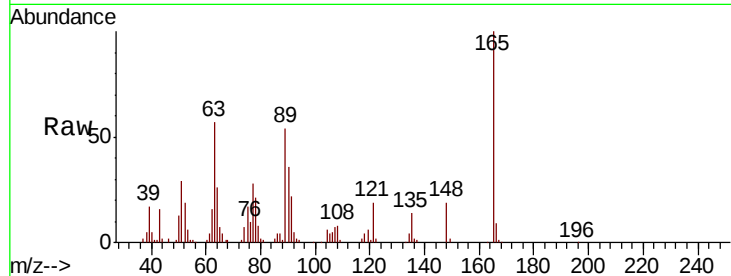
#51
 2,6-Dinitrotoluene
 Concen: 43.494 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.3	47.0	70.6
89	54.4	45.8	68.8

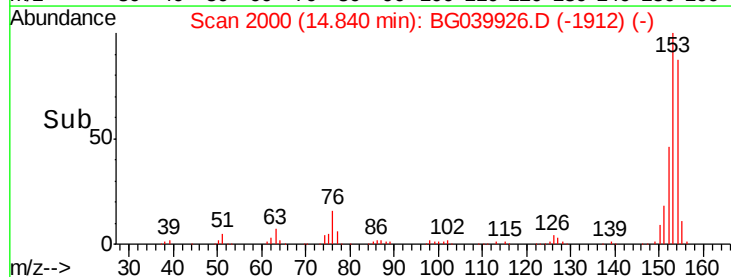
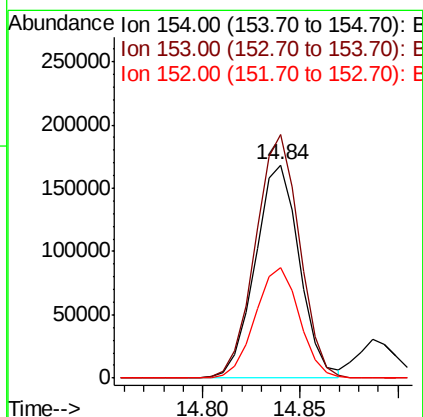
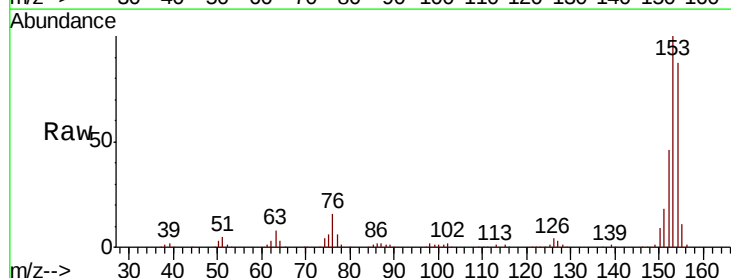
Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM



#52
 Acenaphthene
 Concen: 40.335 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	52.1	40.9	61.3





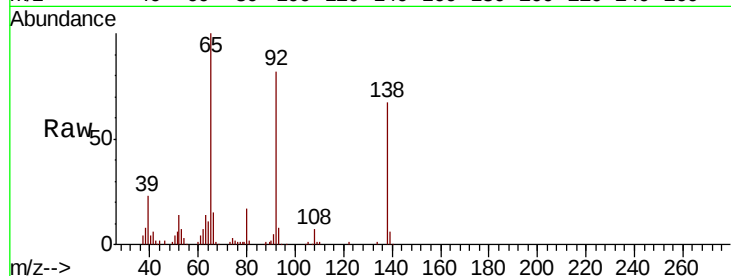
#53
3-Nitroaniline
Concen: 28.688 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

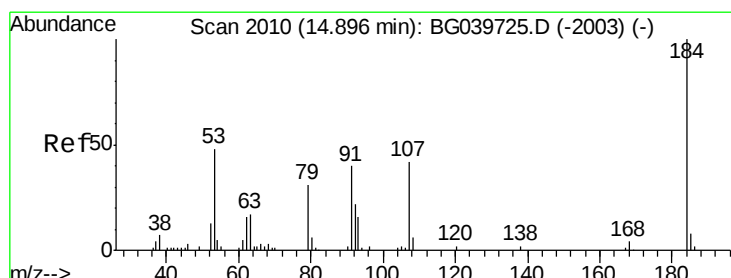
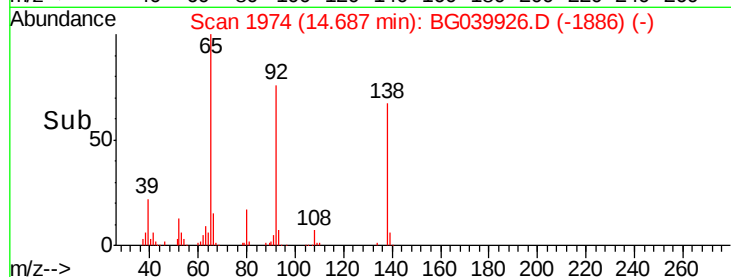
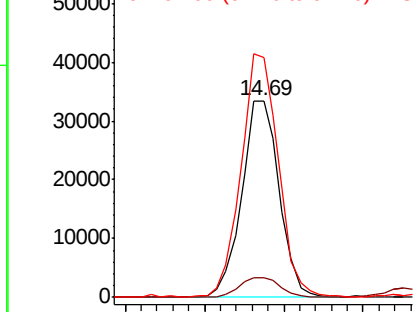
Tot Ion:138 Resp: 54749
Ion Ratio Lower Upper
138 100
108 9.9 13.8 20.8#
92 121.8 103.7 155.5

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

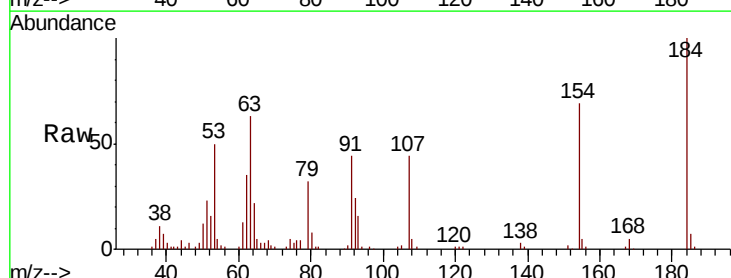


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

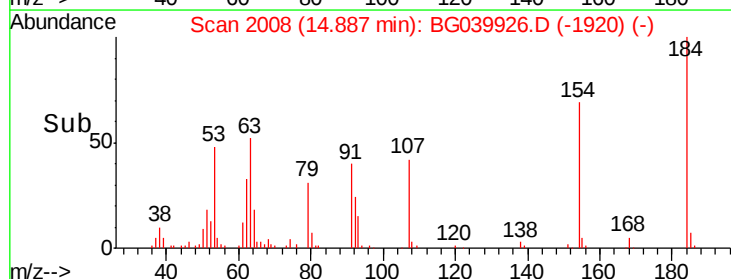
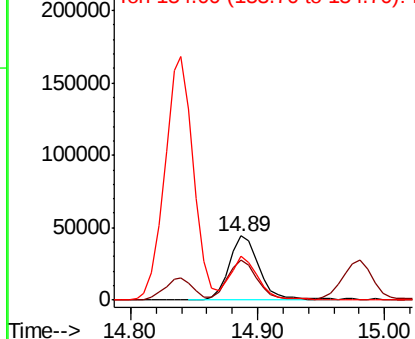


#54
2,4-Dinitrophenol
Concen: 62.243 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:184 Resp: 73026
Ion Ratio Lower Upper
184 100
63 63.1 50.9 76.3
154 69.4 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





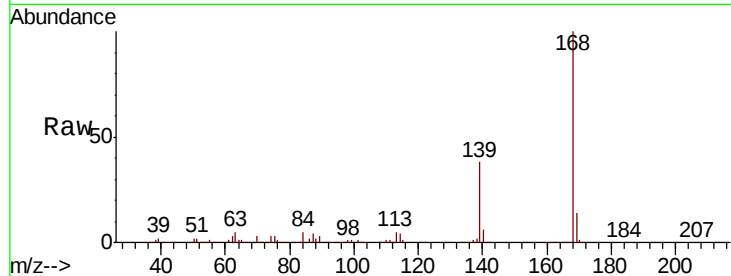
#55
Dibenzenofuran
Concen: 40.869 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	14.4	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

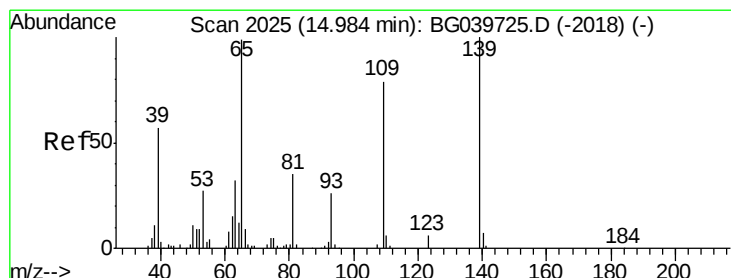
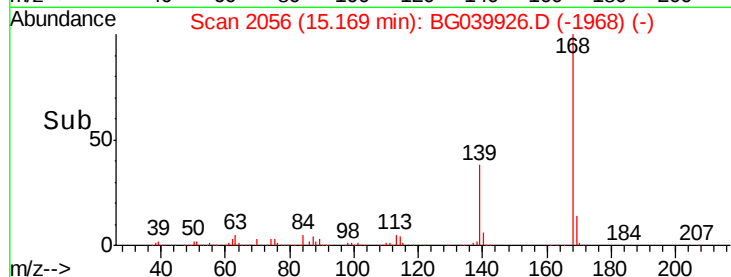
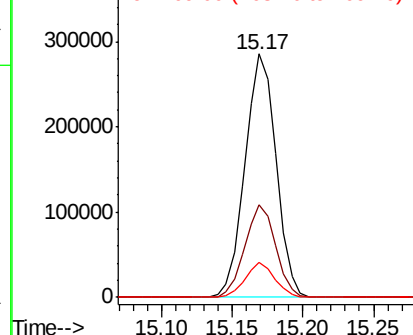


Abundance

Ion 168.00 (167.70 to 168.70): E

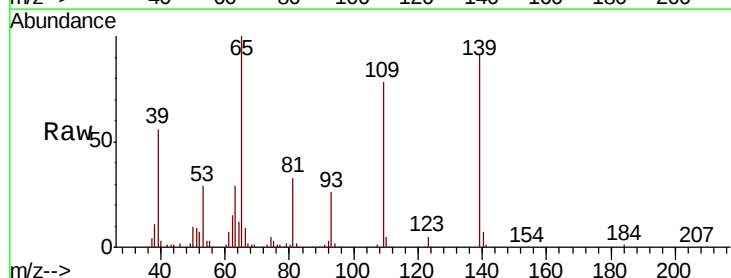
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.488 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.8	61.9	101.9
65	110.0	99.1	139.1

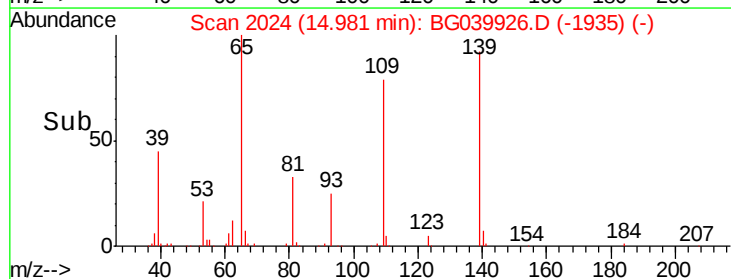
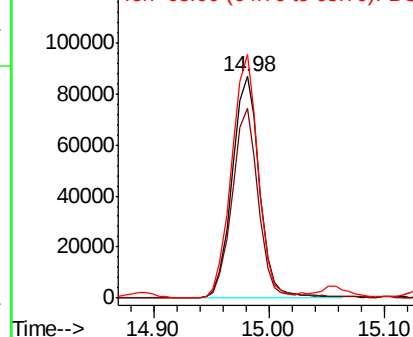


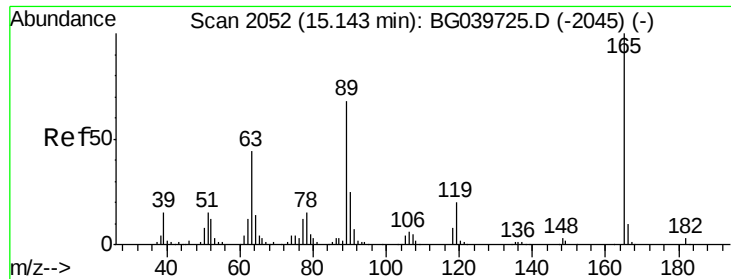
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





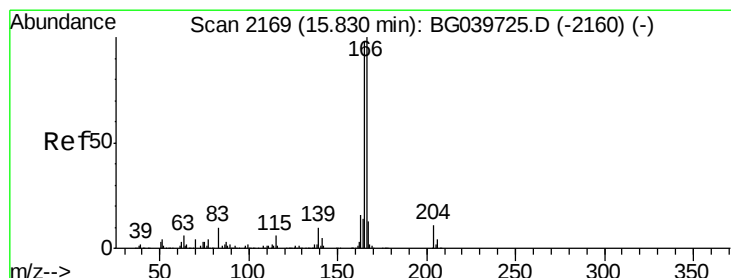
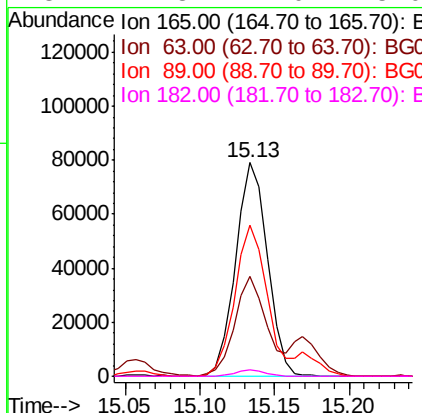
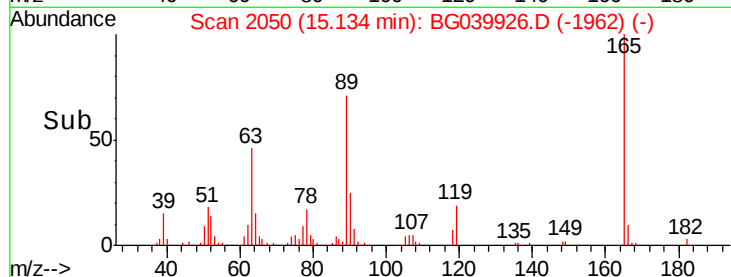
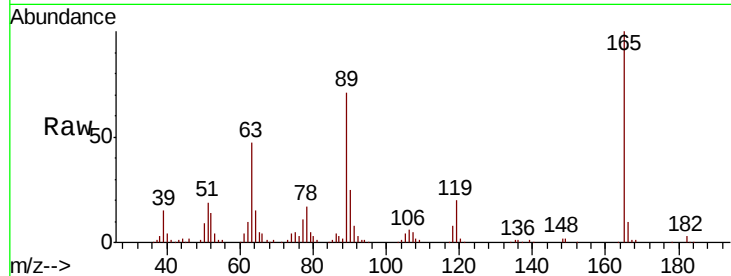
#57
2,4-Dinitrotoluene
Concen: 43.937 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117207		
63	46.6	41.0	61.6	
89	70.9	64.6	96.8	
182	2.8	2.0	3.0	

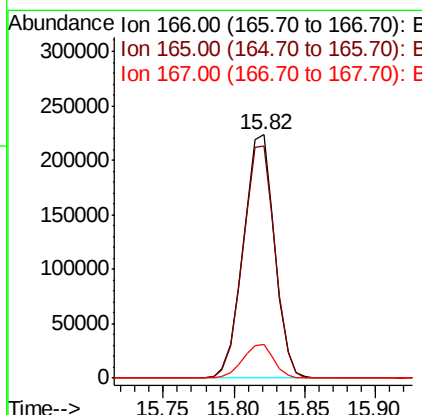
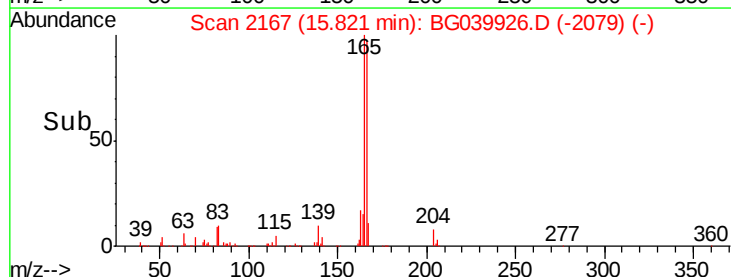
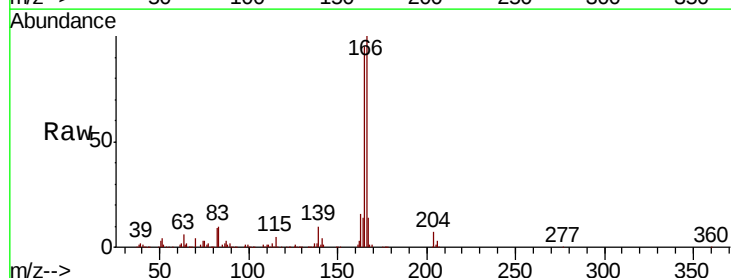
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#58
Fluorene
Concen: 40.957 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	345879		
165	95.4	77.9	116.9	
167	13.7	10.8	16.2	





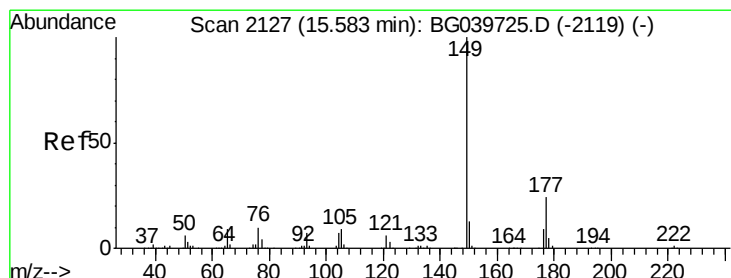
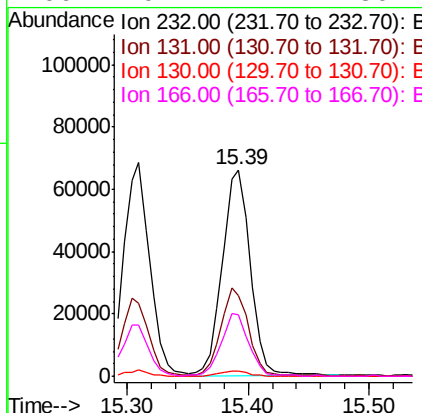
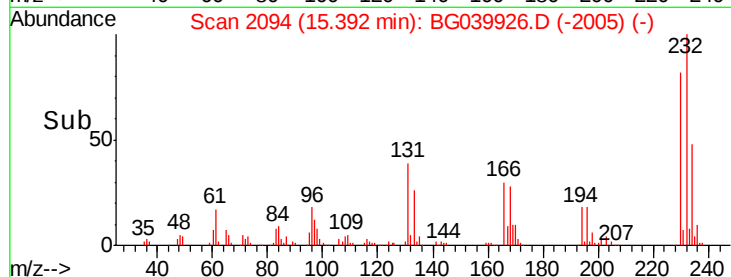
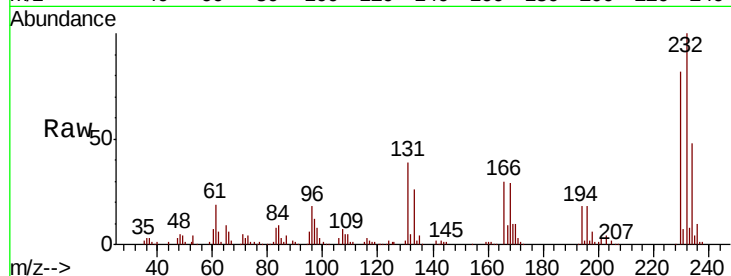
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.173 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.6	2.0	3.0
166	29.7	24.1	36.1

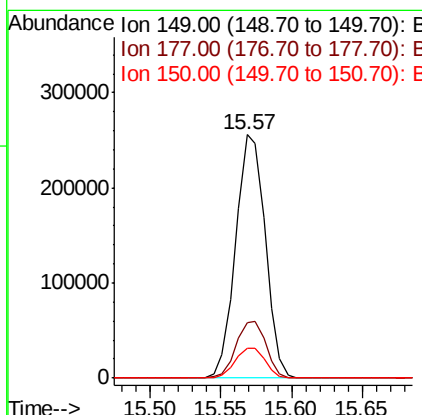
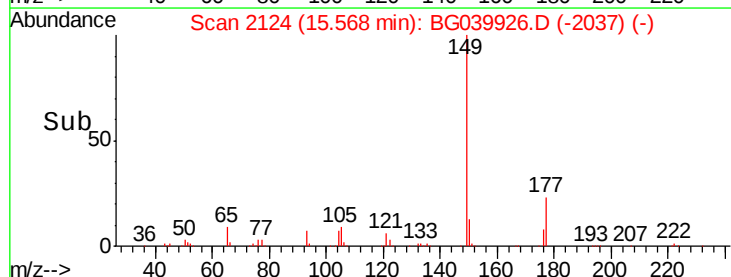
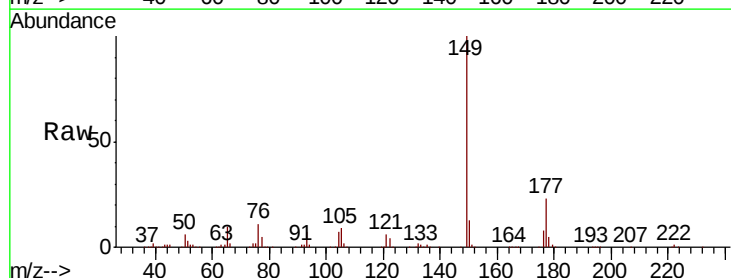
Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM



#60
 Diethylphthalate
 Concen: 42.179 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.5	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 41.754 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

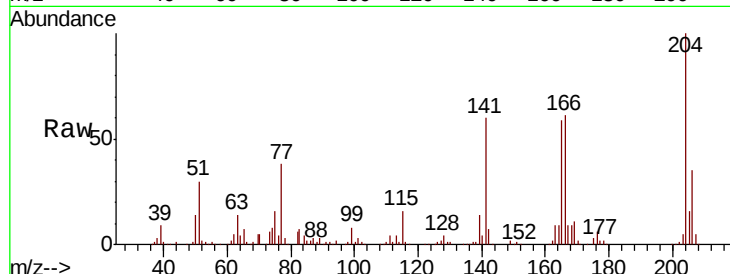
ClientSampleId :

PB117907BSD

Tot Ion:	204	Resp:	188160
Ion Ratio	Lower	Upper	
204	100		
206	34.5	29.2	43.8
141	60.2	49.0	73.4

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

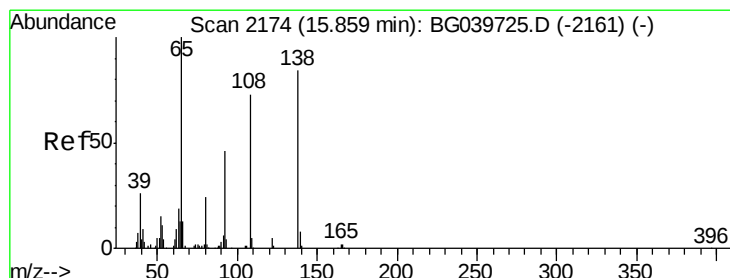
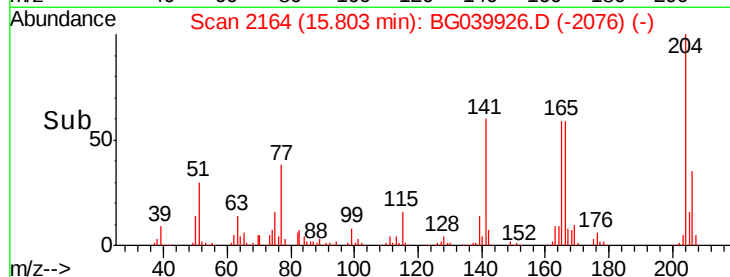
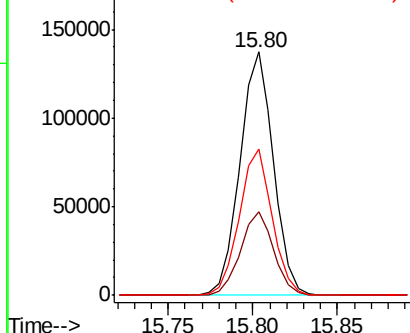


Abundance

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: 42.215 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

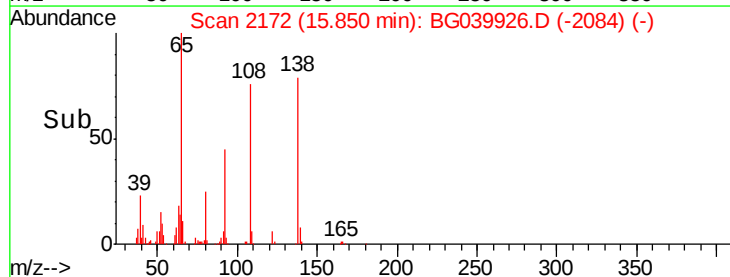
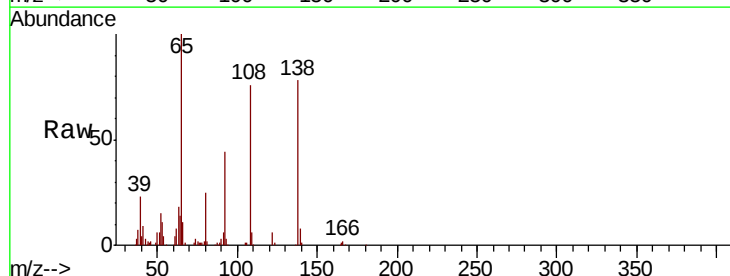
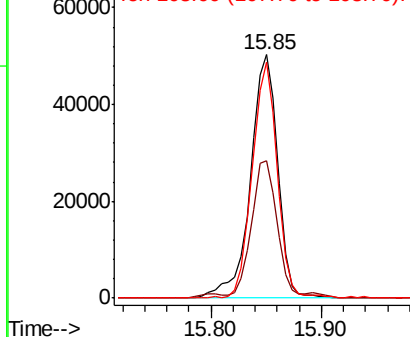
Tgt Ion:	138	Resp:	87339
Ion Ratio	Lower	Upper	
138	100		
92	56.5	38.7	78.7
108	96.9	74.6	114.6

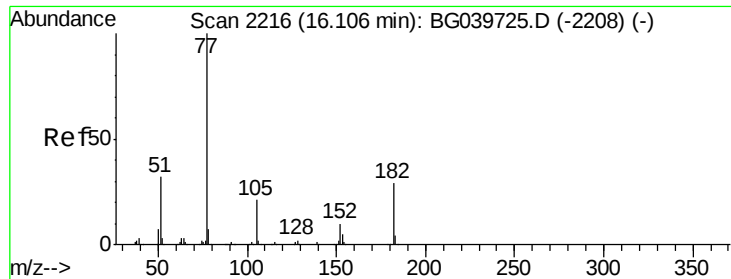
Abundance

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





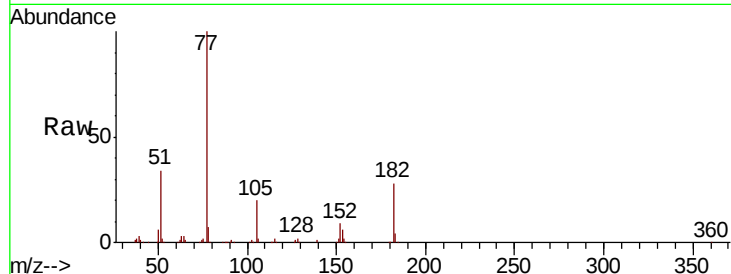
#63
Azobenzene
Concen: 41.780 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

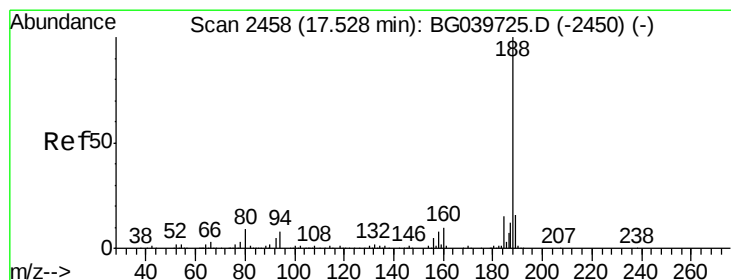
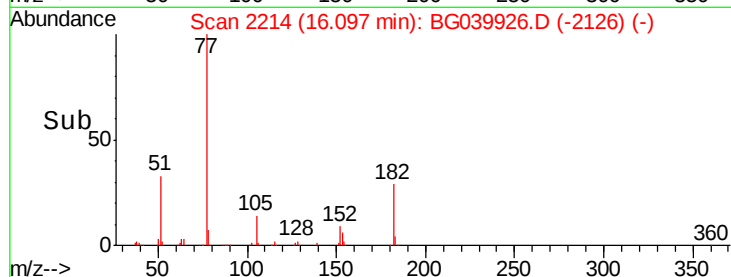
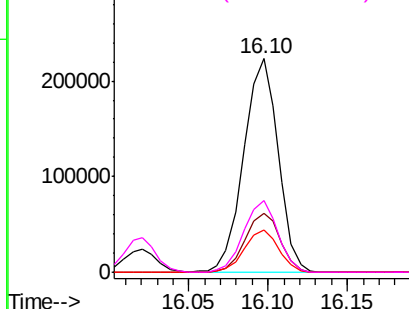
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.7	6.4	46.4		
105	20.1	0.0	39.8		
51	33.5	14.1	54.1		

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



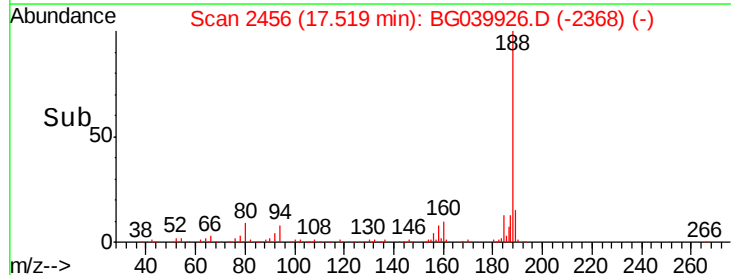
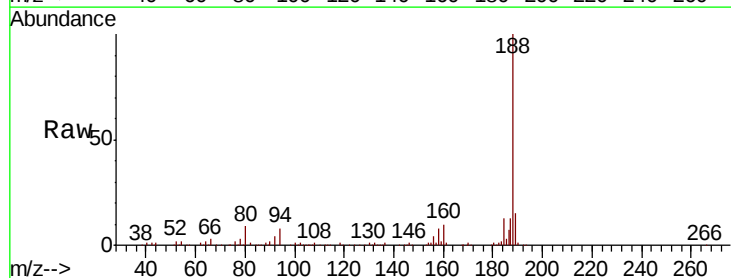
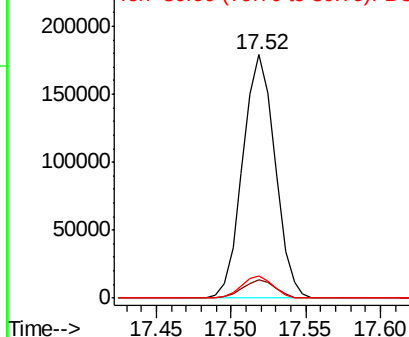
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

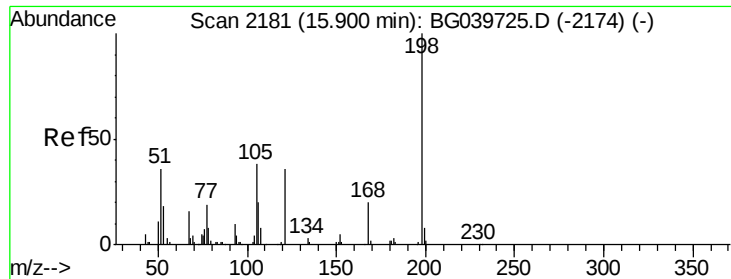


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.6	6.9	10.3		
80	8.9	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





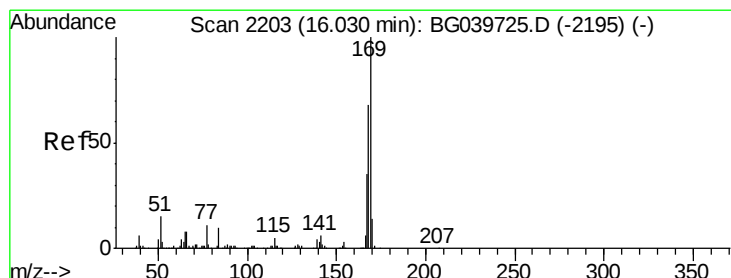
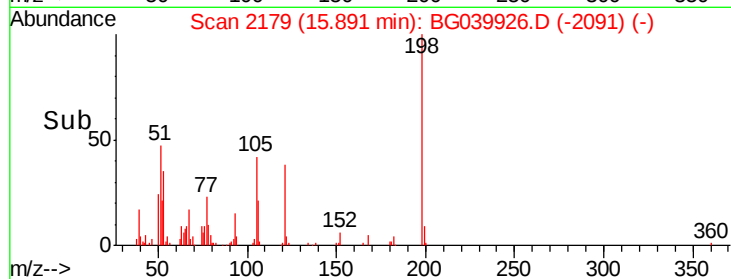
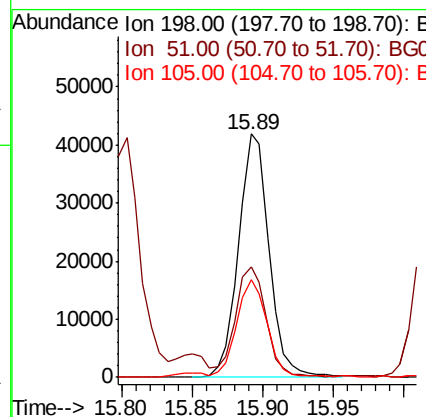
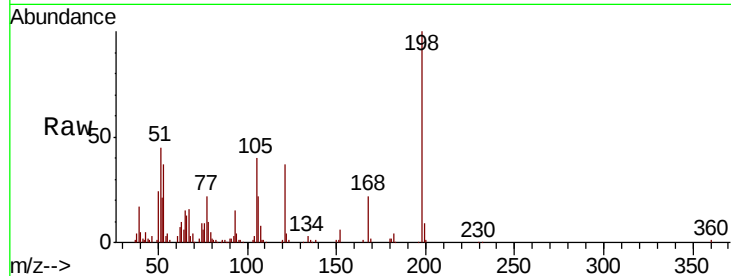
#65
4,6-Dinitro-2-methylphenol
Concen: 39.927 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	63406		
51	45.4		27.4	67.4
105	40.3		19.7	59.7

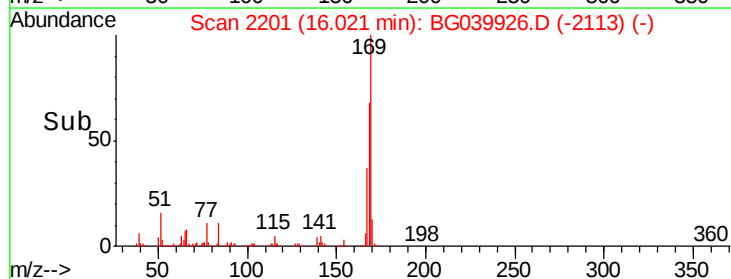
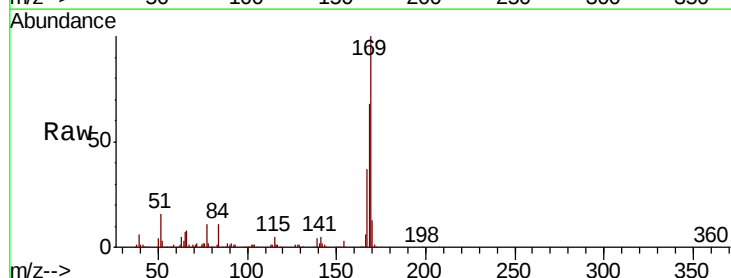
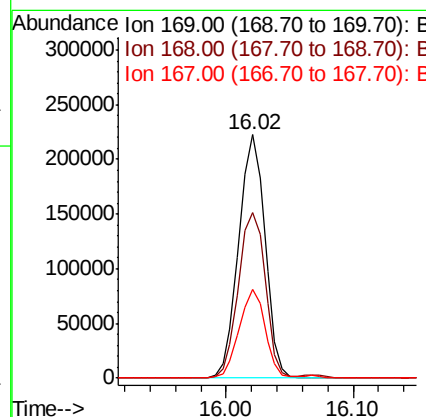
Manual Integrations
APPROVED

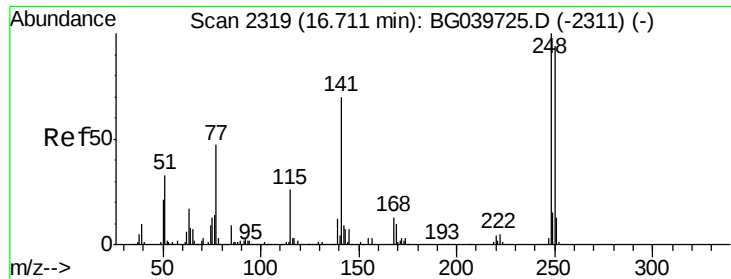
Sohil
3/15/2019 10:12:28 AM



#66
n-Nitrosodiphenylamine
Concen: 41.104 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	319607		
168	67.9		56.6	85.0
167	36.6		28.8	43.2





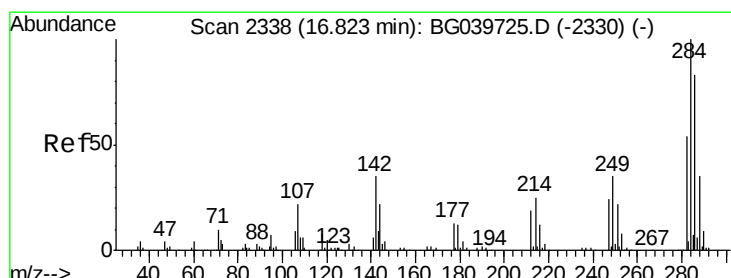
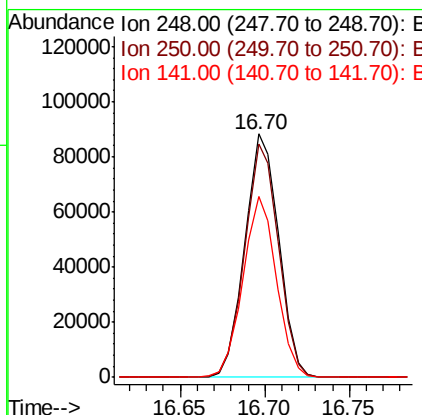
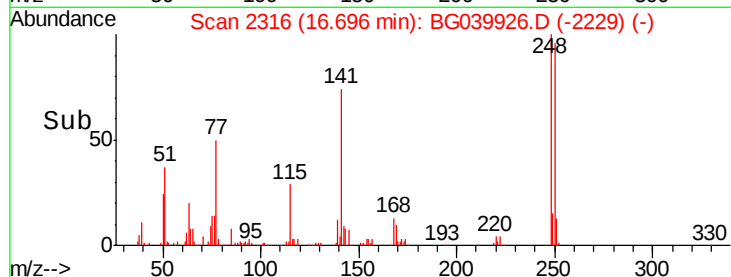
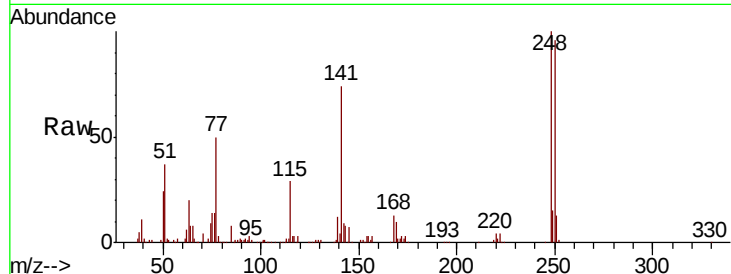
#67
4-Bromophenyl-phenylether
Concen: 41.130 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.6	116.4
141	74.5	63.9	95.9

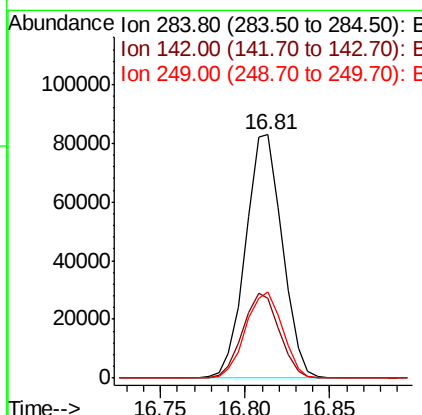
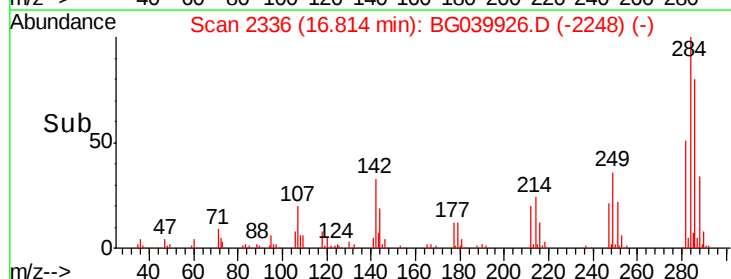
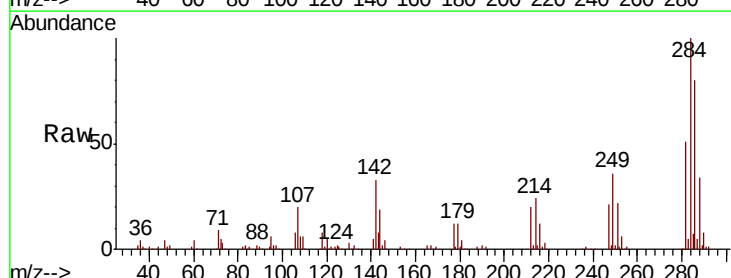
Manual Integrations
APPROVED

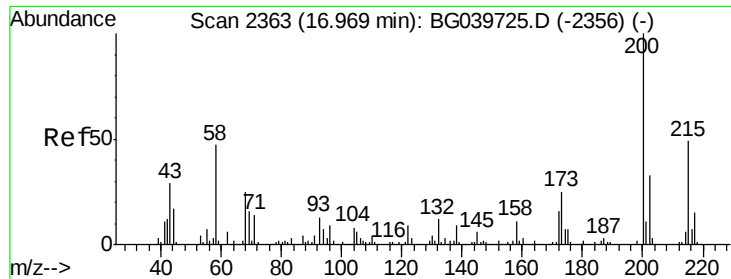
Sohil
3/15/2019 10:12:28 AM



#68
Hexachlorobenzene
Concen: 40.333 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	30.6	45.8
249	35.6	28.2	42.2





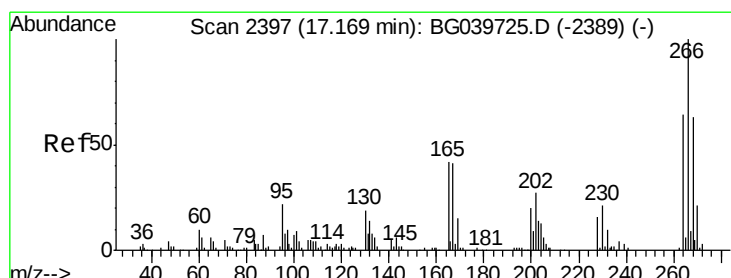
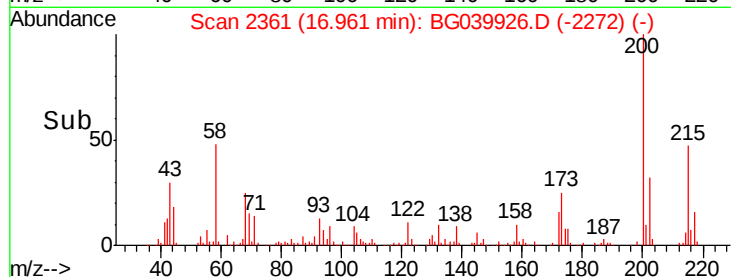
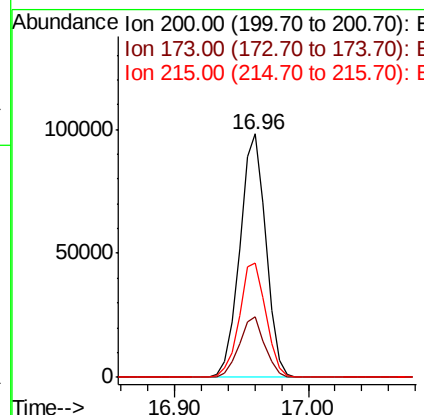
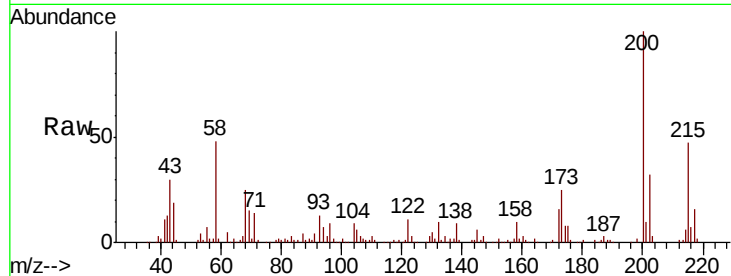
#69
 Atrazine
 Concen: 43.168 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	3.9	43.9
215	46.8	30.9	70.9

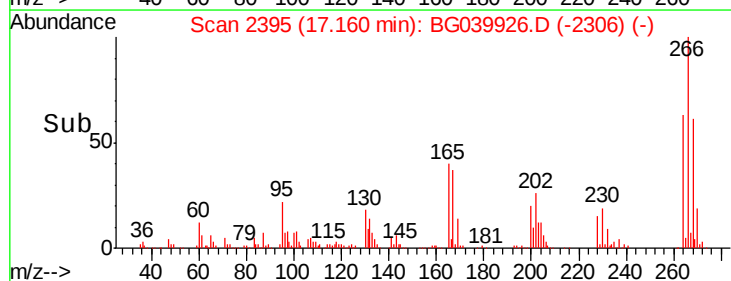
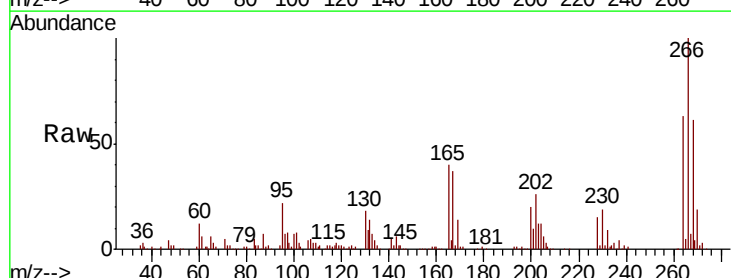
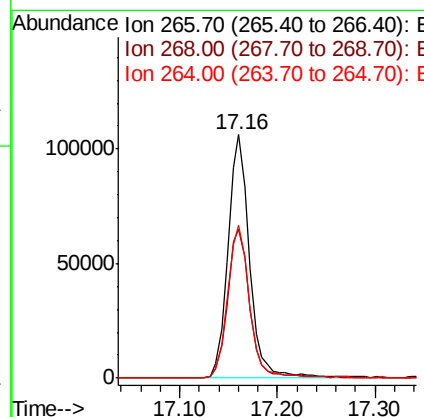
Manual Integrations
 APPROVED

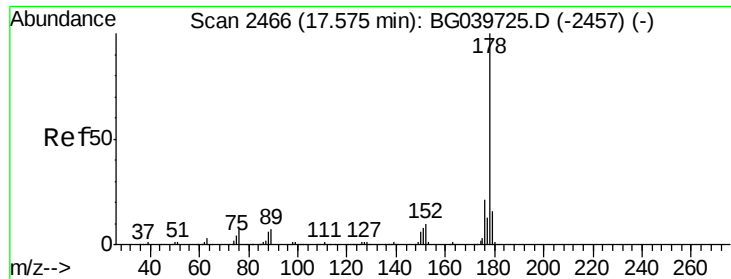
Sohil
 3/15/2019 10:12:28 AM



#70
 Pentachlorophenol
 Concen: 82.850 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.1	51.1	76.7
264	62.7	52.1	78.1





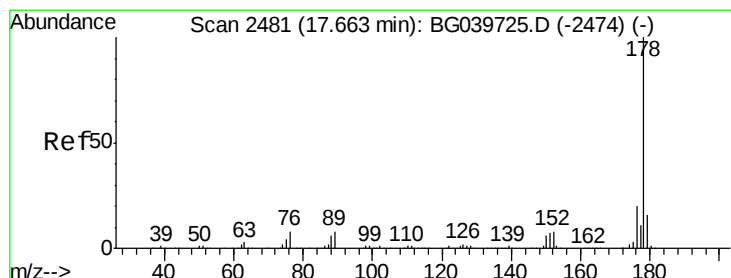
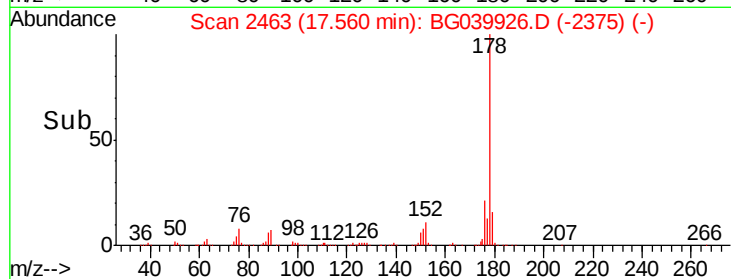
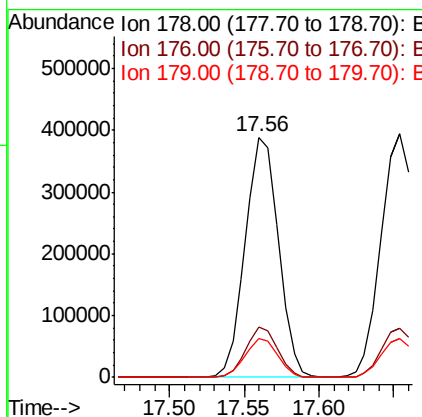
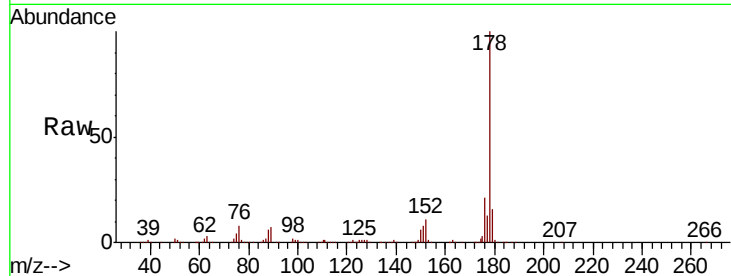
#71
 Phenanthrene
 Concen: 40.479 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.2	12.6	19.0

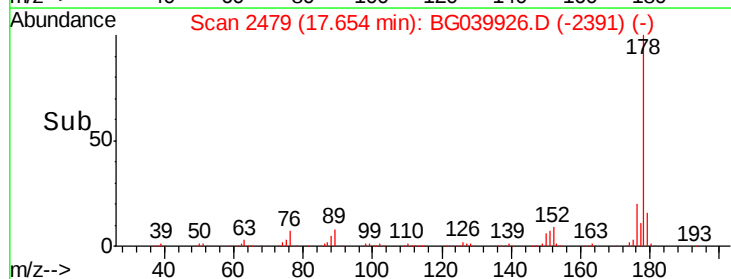
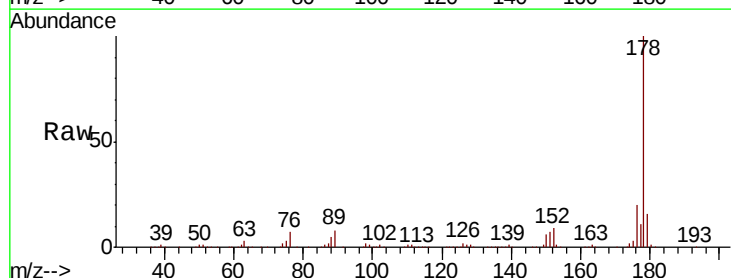
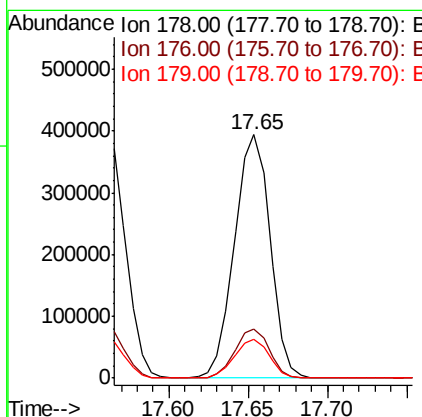
Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:12:28 AM



#72
 Anthracene
 Concen: 42.499 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	15.7	12.5	18.7





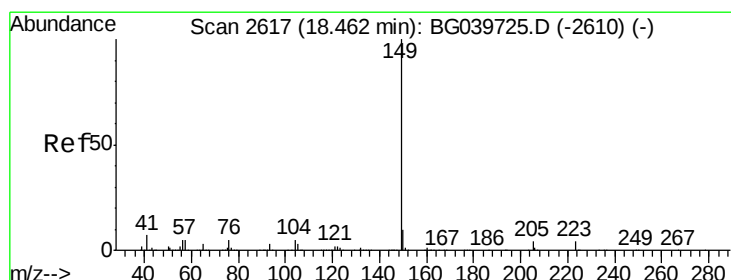
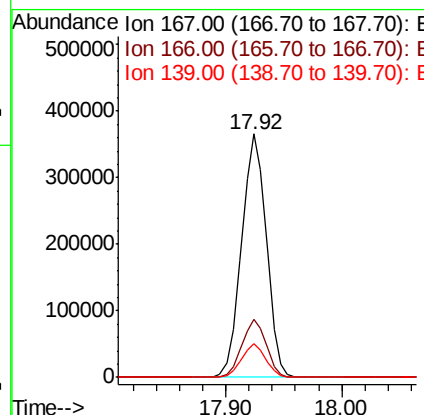
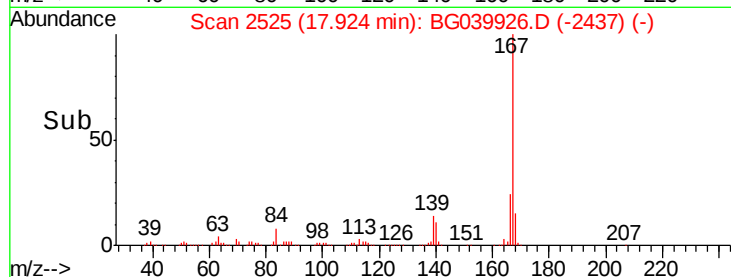
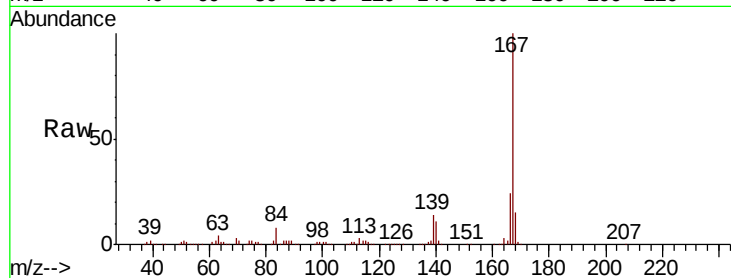
#73
 Carbazole
 Concen: 41.745 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	542545		
166	24.1	19.4	29.2	
139	14.0	10.8	16.2	

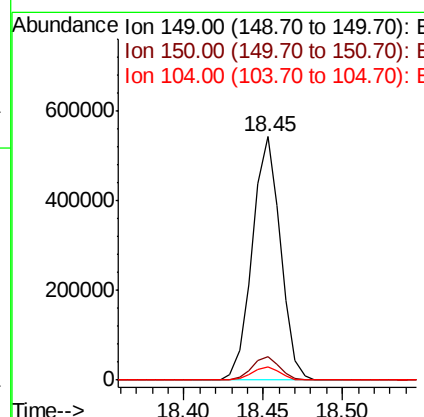
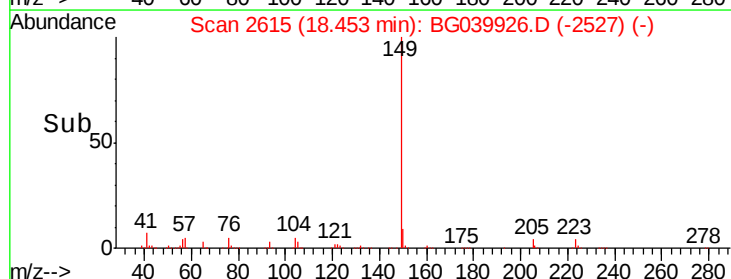
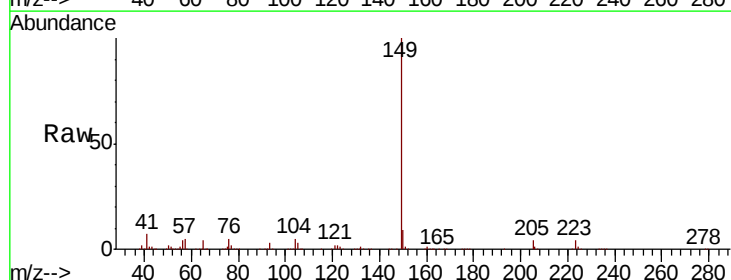
Manual Integrations
 APPROVED

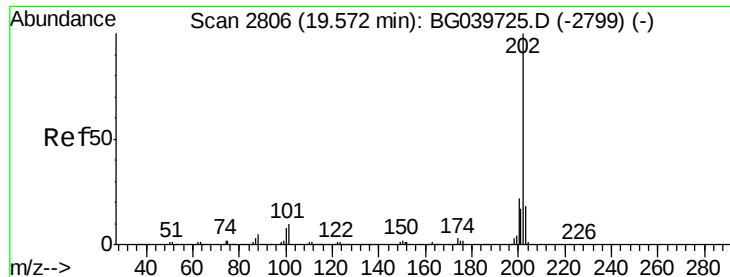
Sohil
 3/15/2019 10:12:28 AM



#74
 Di-n-butylphthalate
 Concen: 43.667 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	667741		
150	9.5	7.7	11.5	
104	5.5	4.5	6.7	





#75

Fluoranthene

Concen: 42.820 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

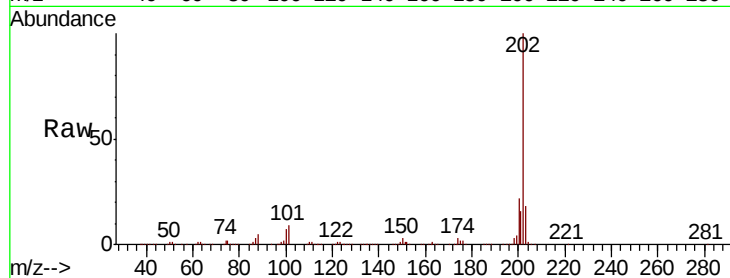
ClientSampleId :

PB117907BSD

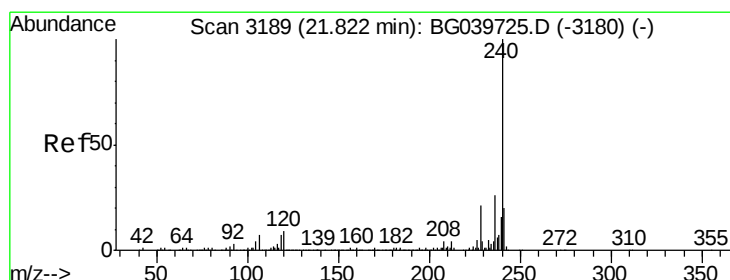
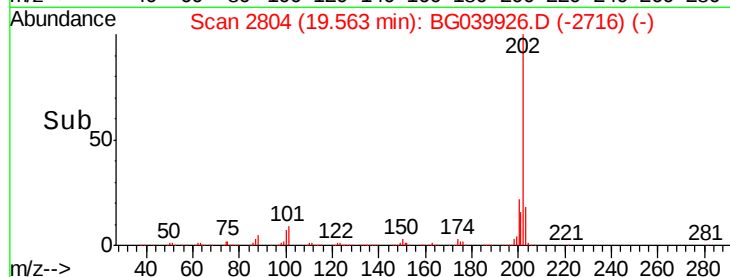
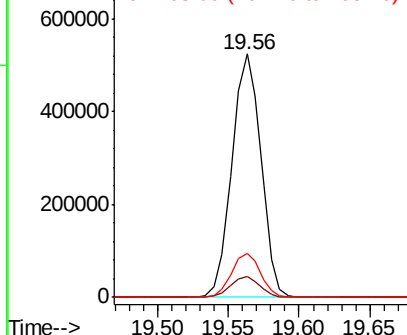
Tot Ion:	202	Resp:	748653
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	30.0
203	18.2	0.0	38.9

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

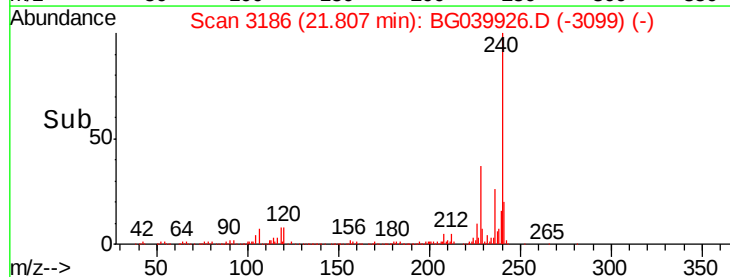
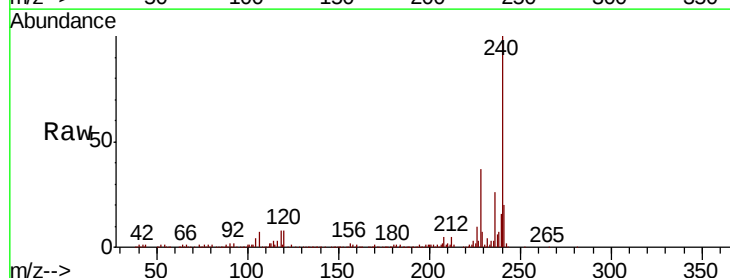
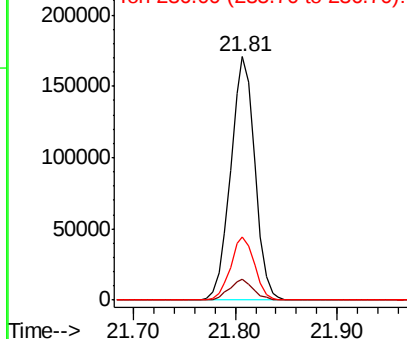
Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	240	Resp:	281346
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.0	10.6
236	26.0	21.0	31.4

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





#77

Benzidine

Concen: 33.389 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

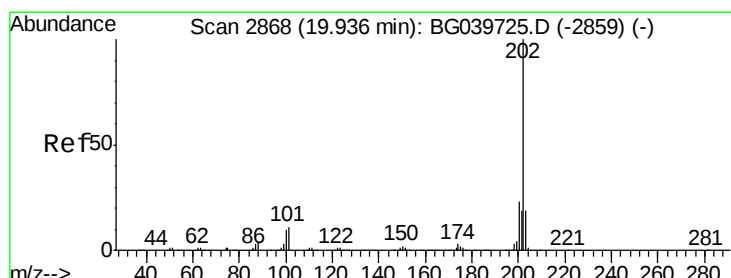
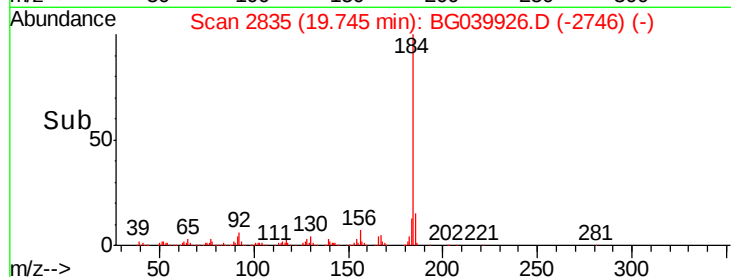
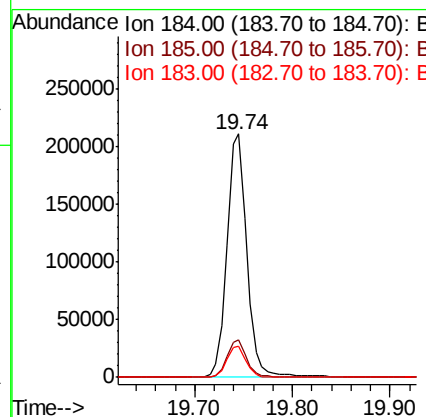
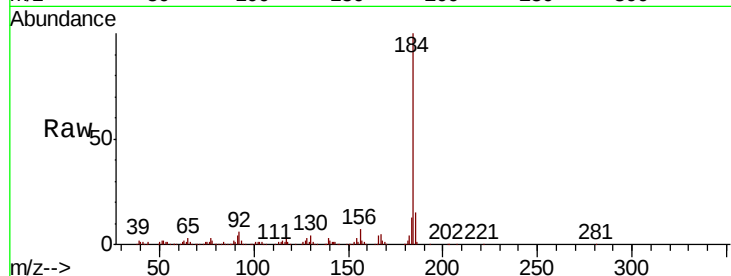
ClientSampled :

PB117907BSD

Tot Ion:	184	Resp:	298096
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	12.8	10.6	15.8

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#78

Pyrene

Concen: 40.779 ng

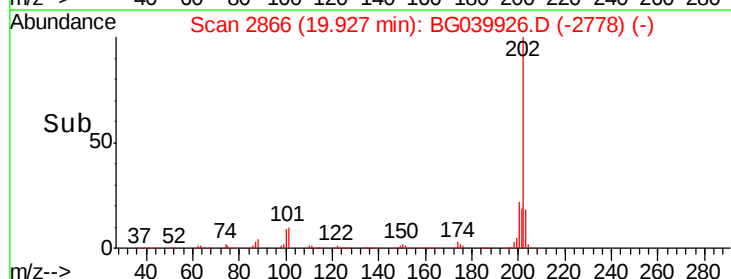
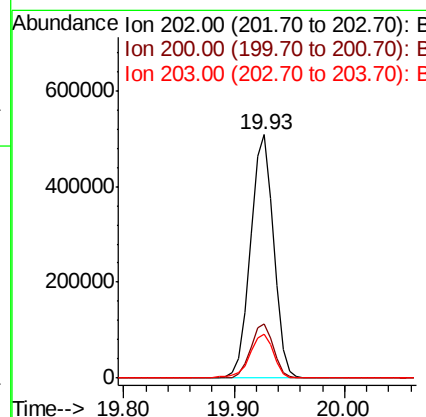
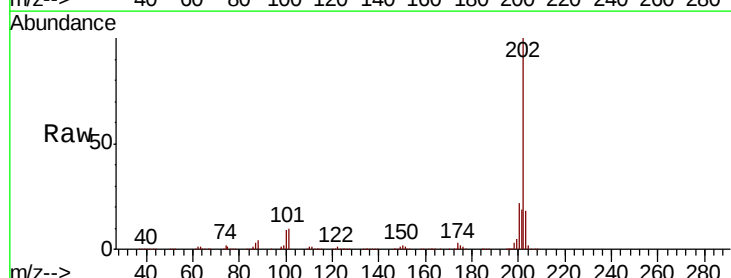
RT: 19.93 min Scan# 2866

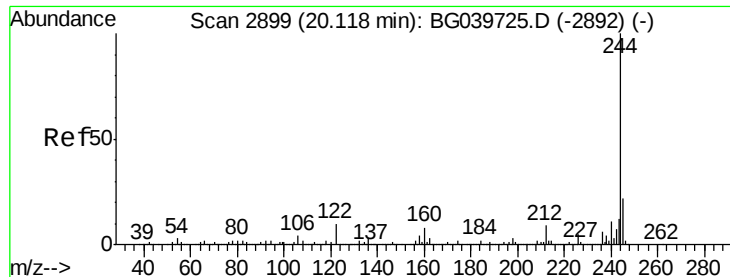
Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	202	Resp:	745515
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.8
203	18.2	15.3	22.9





#79

Terphenyl-d14

Concen: 78.490 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleID :

PB117907BSD

Tot Ion:244 Resp: 1002942

Ion Ratio Lower Upper

244 100

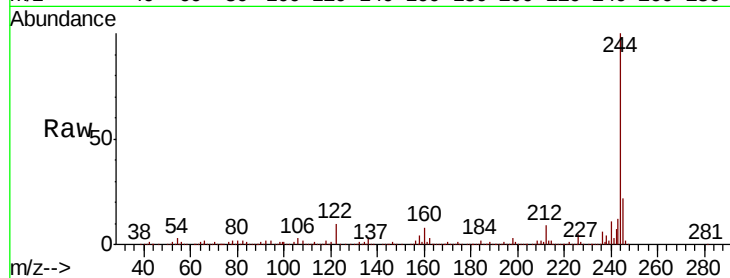
212 9.4 7.3 10.9

122 9.5 8.4 12.6

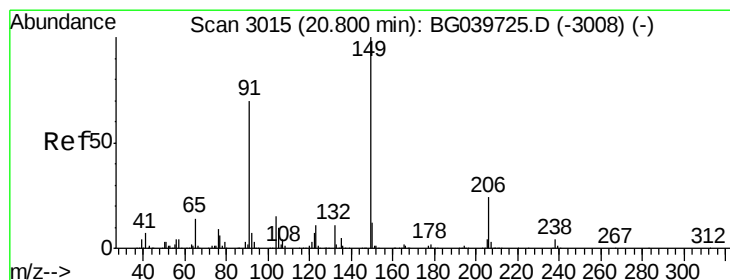
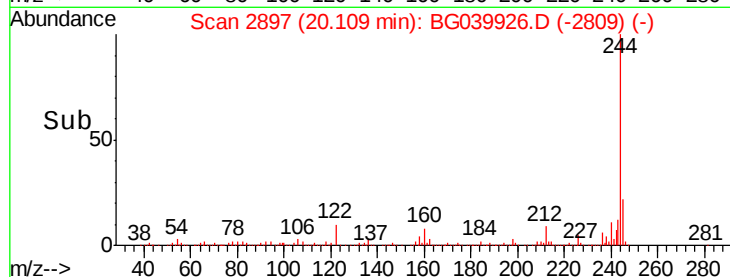
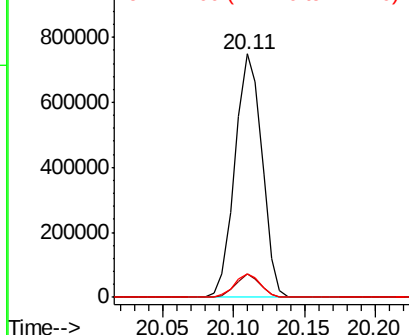
Manual Integrations
APPROVED

Sohil

3/15/2019 10:12:28 AM



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.707 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

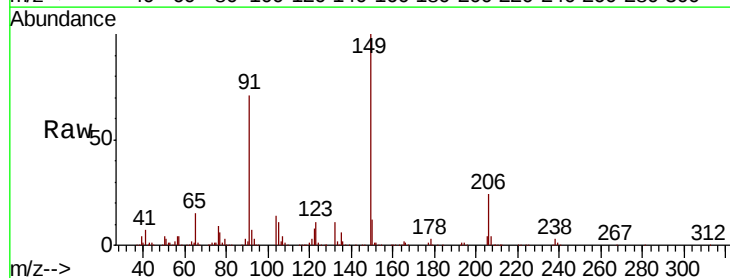
Tgt Ion:149 Resp: 309573

Ion Ratio Lower Upper

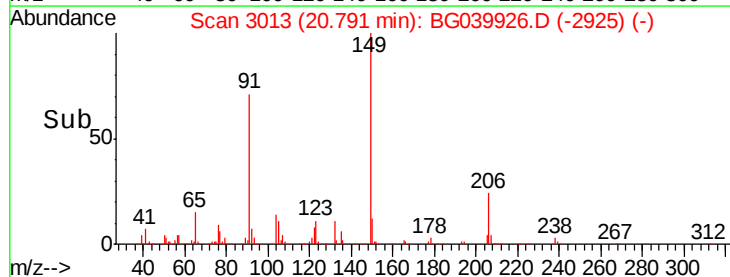
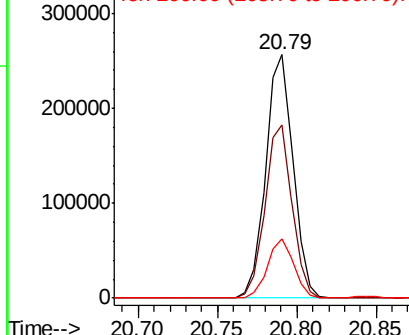
149 100

91 71.1 59.5 89.3

206 24.2 18.6 27.8



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





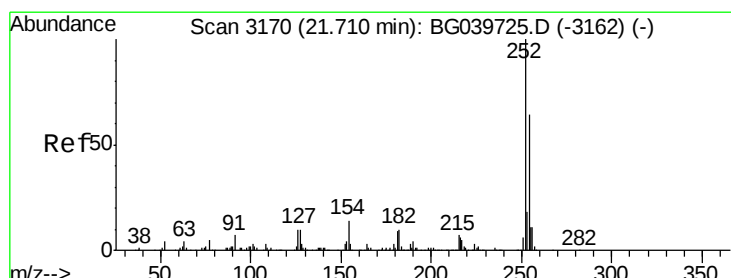
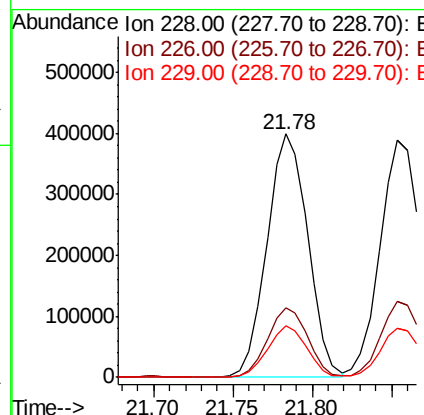
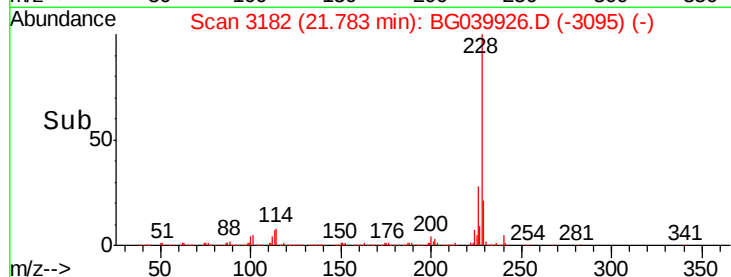
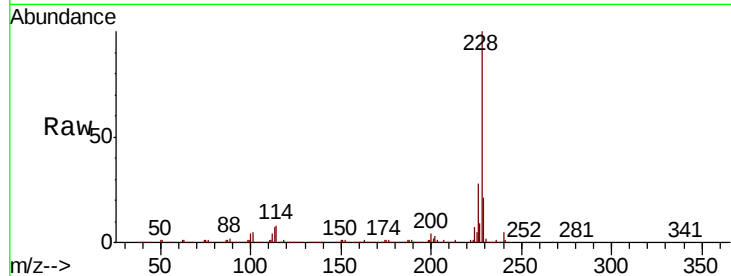
#81
Benzo(a)anthracene
Concen: 40.578 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	21.0	16.9	25.3

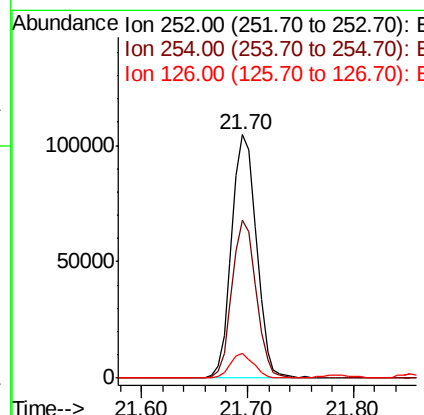
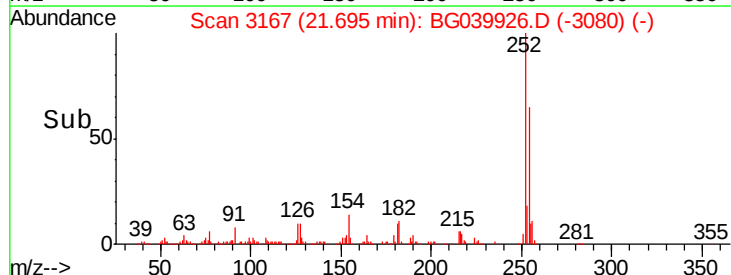
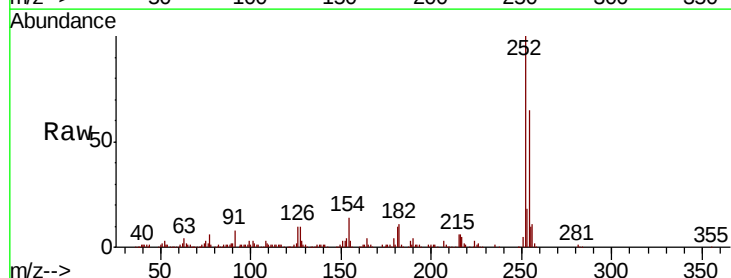
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#82
3,3'-Dichlorobenzidine
Concen: 26.526 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	10.4	8.0	12.0





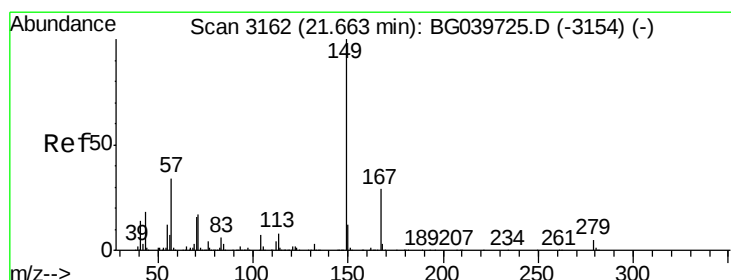
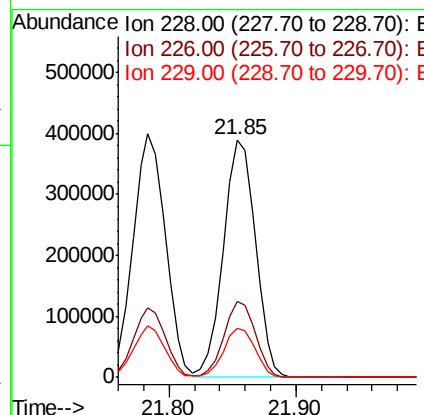
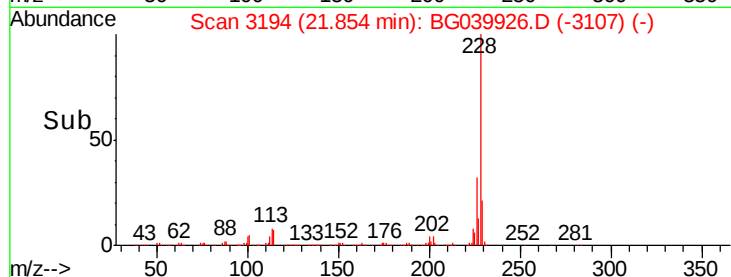
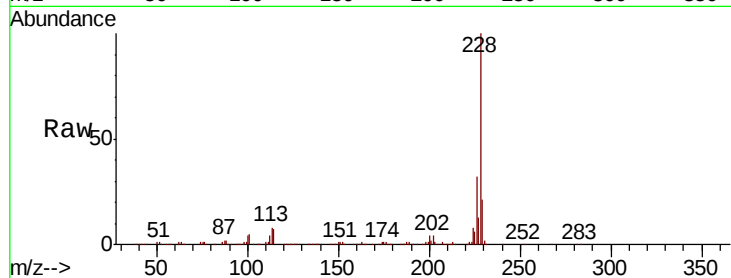
#83
Chrysene
Concen: 40.027 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	20.7	16.6	25.0

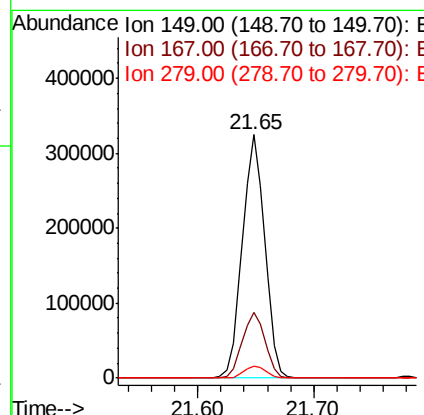
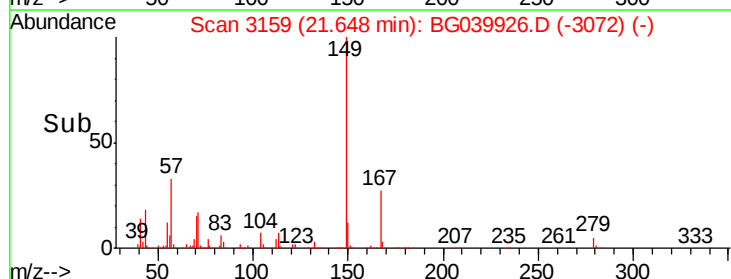
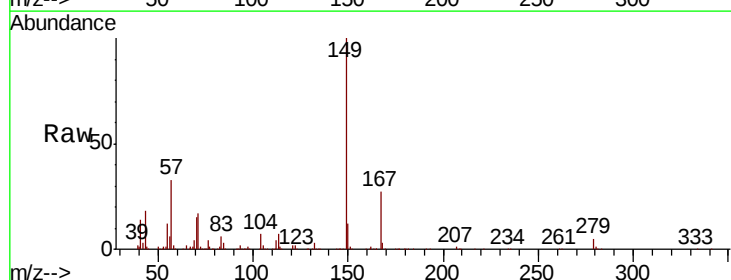
Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.925 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.6	34.0
279	4.8	3.5	5.3





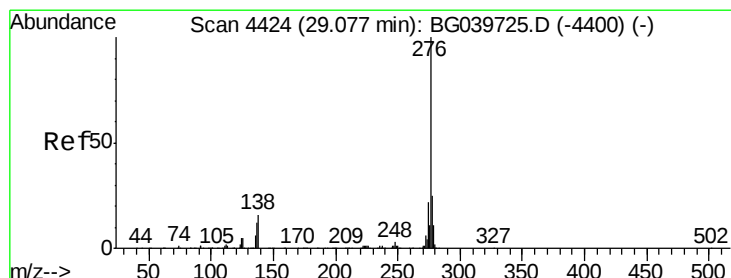
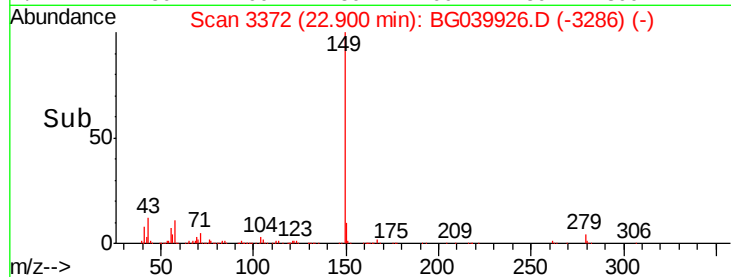
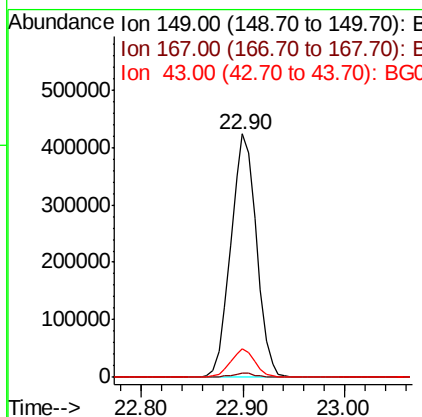
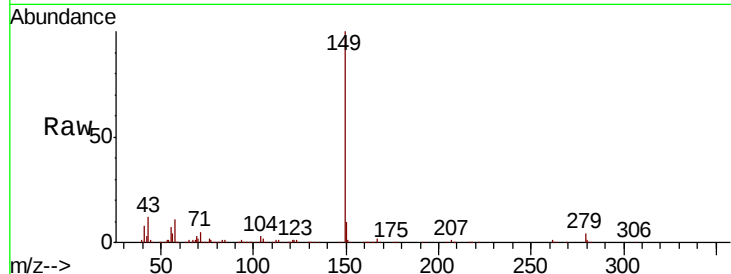
#85
Di-n-octyl phthalate
Concen: 44.920 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampled :
PB117907BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	740297		
167	1.6		1.3	1.9
43	11.2		10.2	15.4

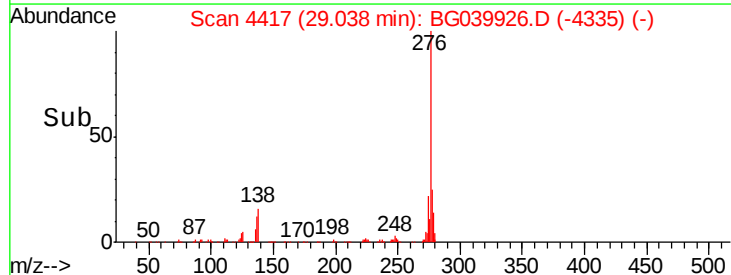
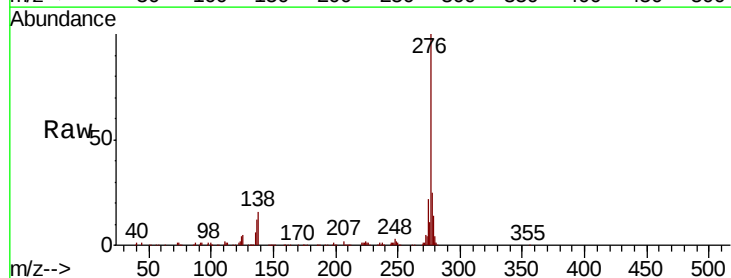
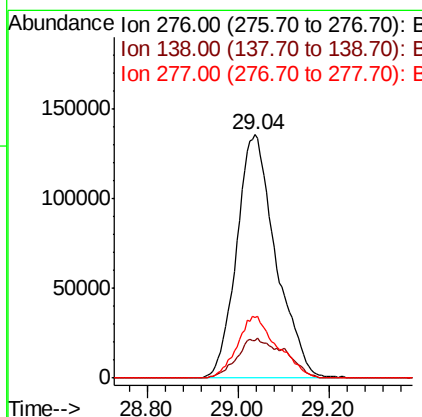
Manual Integrations
APPROVED

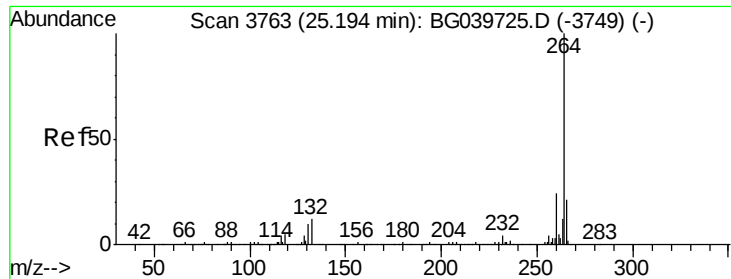
Sohil
3/15/2019 10:12:28 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.829 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	811177		
138	19.9		12.6	19.0#
277	26.0		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

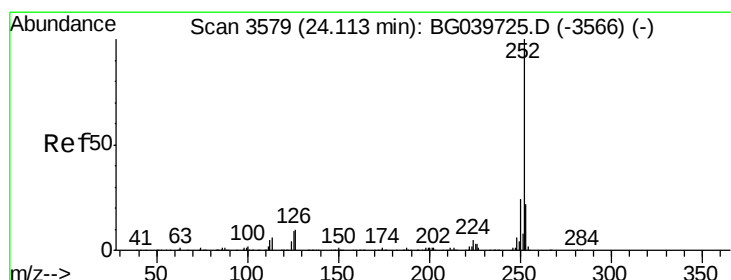
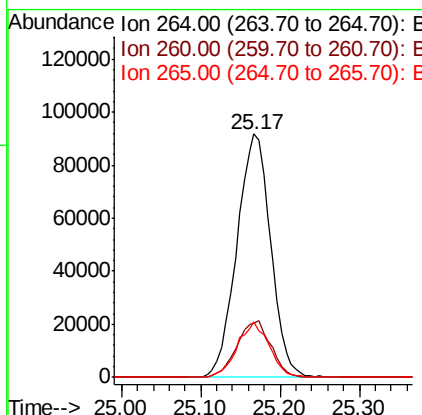
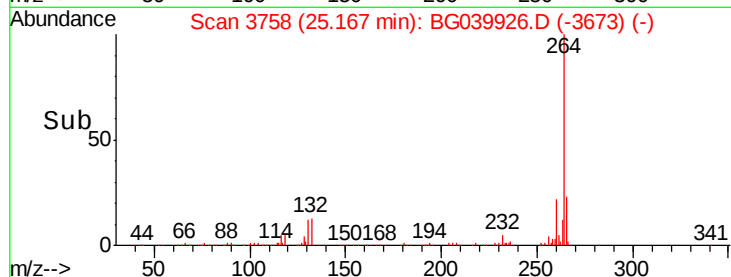
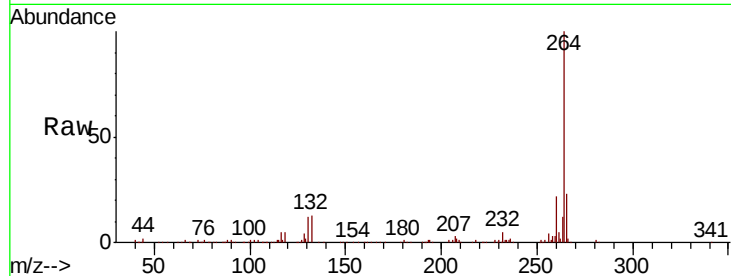
ClientSampleId :

PB117907BSD

Tot Ion:	264	Resp:	271316
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.2	27.4
265	22.7	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



#88

Benzo(b)fluoranthene

Concen: 44.239 ng

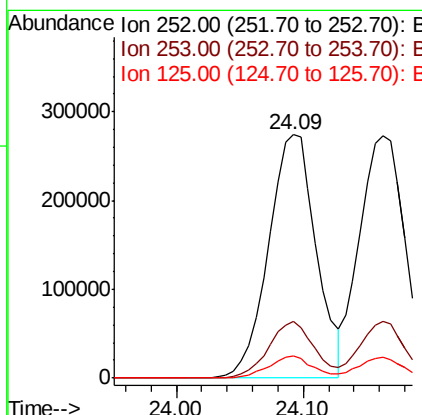
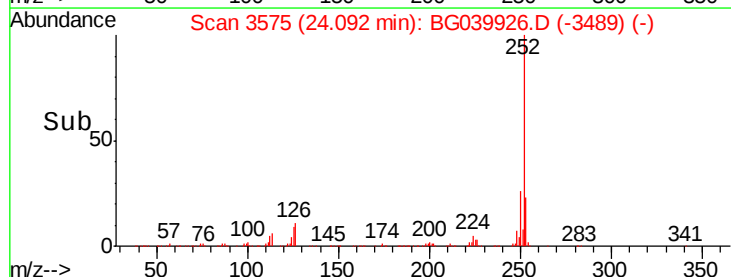
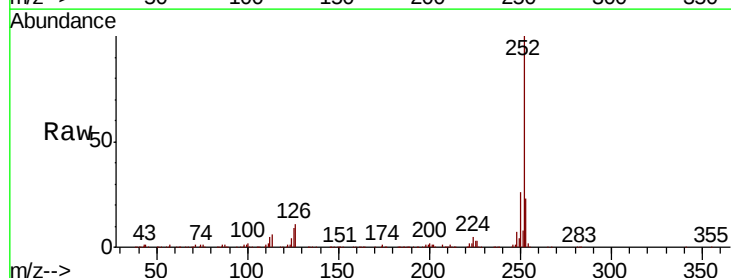
RT: 24.09 min Scan# 3575

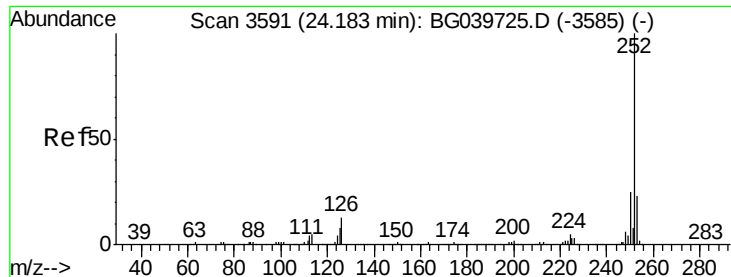
Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:	252	Resp:	715746
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	9.4	7.8	11.6





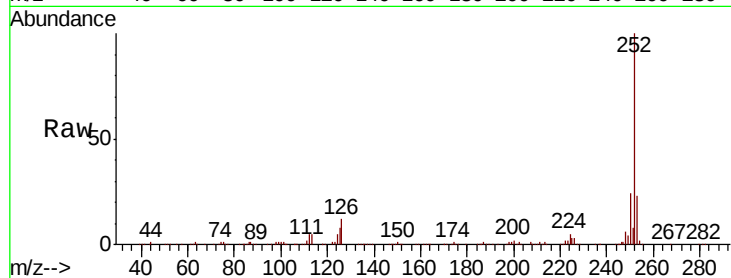
#89
Benzo(k)fluoranthene
Concen: 45.293 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

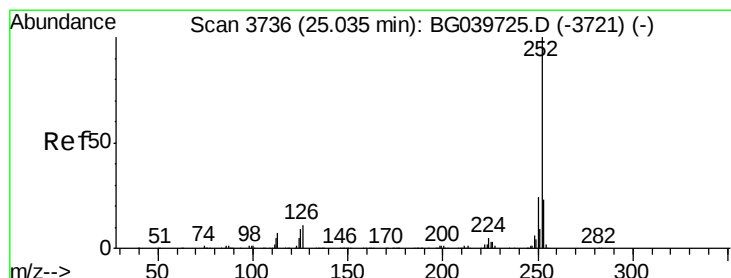
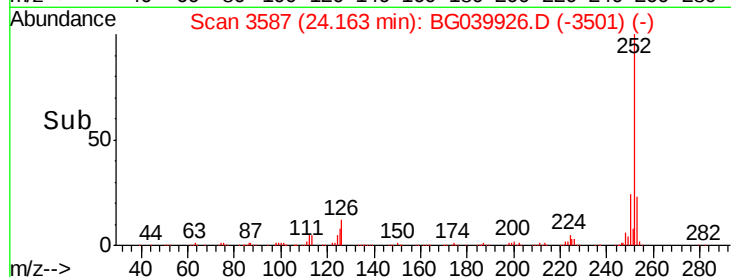
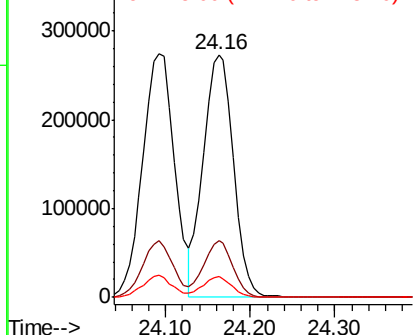
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.4	7.4	11.2

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM



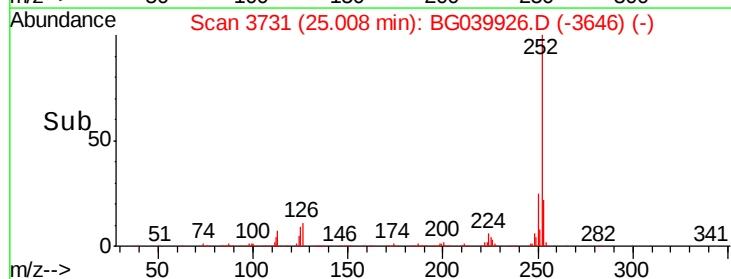
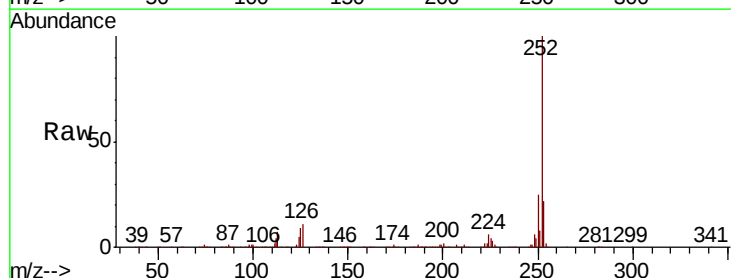
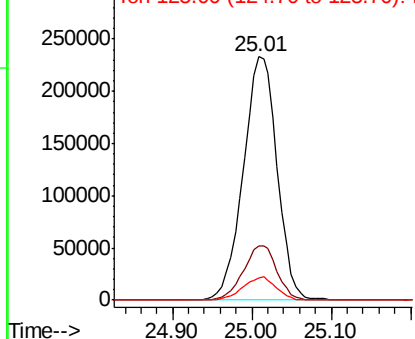
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

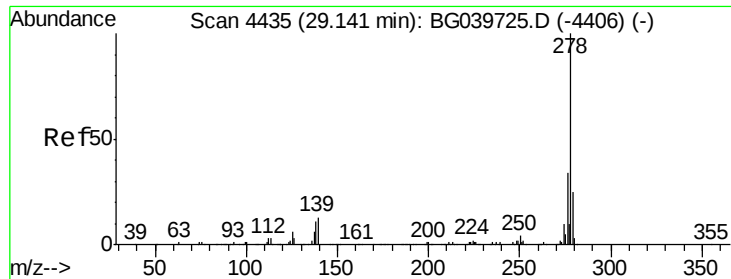


#90
Benzo(a)pyrene
Concen: 46.155 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.9	8.3	12.5

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





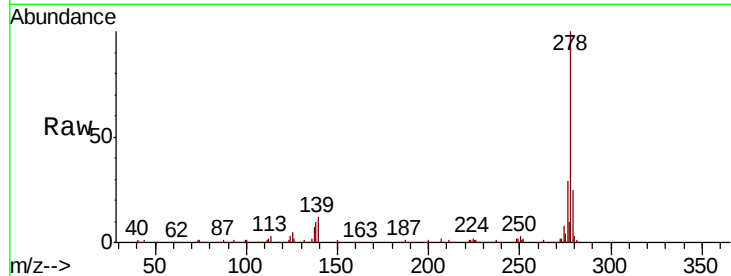
#91
Dibenzo(a,h)anthracene
Concen: 44.622 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.04 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	24.5	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/15/2019 10:12:28 AM

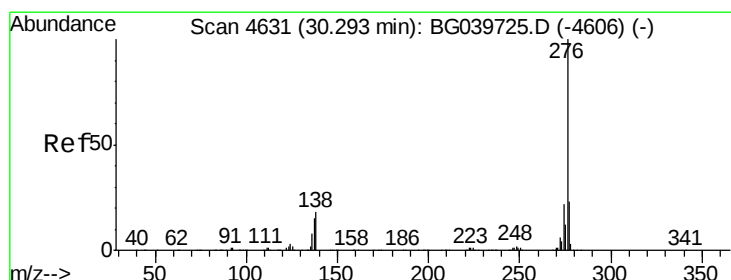
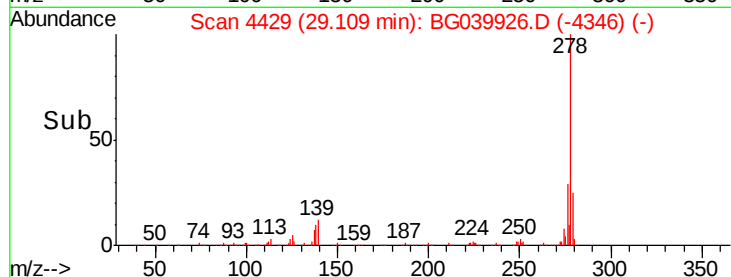
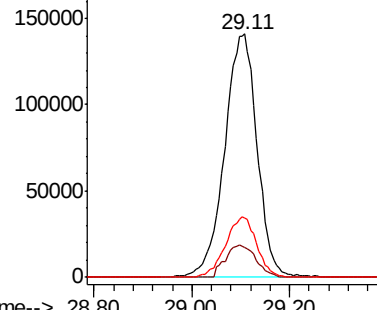


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.486 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	17.2	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

