

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
 Data File : BG039787.D
 Acq On : 6 Mar 2019 14:49
 Operator : JU/SJ
 Sample : K1704-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Manual Integrations
 APPROVED

Sohil
 3/7/2019 3:42:39 PM

Quant Time: Mar 07 00:34:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40173	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	180061	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126538	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	308131	20.00	ng	0.00
76) Chrysene-d12	21.82	240	297006	20.00	ng	0.00
87) Perylene-d12	25.18	264	306524	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	306141	130.01	ng	0.00
7) Phenol-d6	7.30	99	460059	131.03	ng	0.00
23) Nitrobenzene-d5	9.34	82	266716	80.11	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	183707	124.56	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	640767	72.10	ng	0.00
79) Terphenyl-d14	20.12	244	1004397	74.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	31423	28.904	ng	96
3) Pyridine	3.99	79	65607	22.542	ng	93
4) n-Nitrosodimethylamine	3.91	42	48019	34.778	ng	92
6) Aniline	7.48	93	64799	14.086	ng	98
8) 2-Chlorophenol	7.71	128	107005	37.456	ng	97
9) Benzaldehyde	7.30	77	66381	29.309	ng	97
10) Phenol	7.33	94	181156	47.626	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	103152	34.783	ng	97
12) 1,3-Dichlorobenzene	8.04	146	106497	32.961	ng	95
13) 1,4-Dichlorobenzene	8.19	146	108024	32.824	ng	95
14) 1,2-Dichlorobenzene	8.51	146	107060	33.669	ng	98
15) Benzyl Alcohol	8.40	79	105091	37.732	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	205342	34.620	ng	99
17) 2-Methylphenol	8.59	107	95669	39.445	ng	98
18) Hexachloroethane	9.24	117	38941	32.976	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	89232	35.308	ng	93
20) 3+4-Methylphenols	8.92	107	135270	40.147	ng	98
22) Acetophenone	8.98	105	162245	33.572	ng	# 94
24) Nitrobenzene	9.38	77	128748	36.863	ng	97
25) Isophorone	9.89	82	255437	36.617	ng	99
26) 2-Nitrophenol	10.09	139	63463	37.634	ng	96
27) 2,4-Dimethylphenol	10.13	122	116066	44.255	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	150834	35.580	ng	96
29) 2,4-Dichlorophenol	10.62	162	124044	42.008	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	117454	35.349	ng	99
31) Naphthalene	11.03	128	345527	36.244	ng	100
32) Benzoic acid	10.25	122	55813m	33.332	ng	
33) 4-Chloroaniline	11.14	127	37586	9.298	ng	97
34) Hexachlorobutadiene	11.29	225	75983	33.464	ng	96
35) Caprolactam	11.92	113	45621m	40.445	ng	
36) 4-Chloro-3-methylphenol	12.24	107	141200	41.714	ng	100
37) 2-Methylnaphthalene	12.62	142	266177	37.345	ng	96
38) 1-Methylnaphthalene	12.84	142	254431	36.733	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	146442	34.161	ng	99

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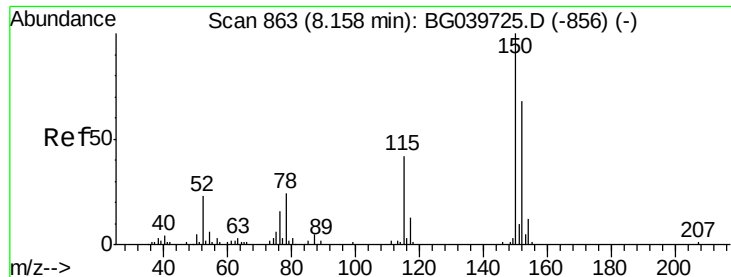
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	162208	70.608	nq	97
43) 2,4,6-Trichlorophenol	13.22	196	105923	42.205	nq	98
44) 2,4,5-Trichlorophenol	13.29	196	116634	41.229	nq	98
46) 1,1'-Biphenyl	13.62	154	367426	35.304	nq	99
47) 2-Chloronaphthalene	13.66	162	283815	36.249	nq	97
48) 2-Nitroaniline	13.88	65	98925	39.316	nq	93
49) Acenaphthylene	14.51	152	457538	35.598	nq	98
50) Dimethylphthalate	14.23	163	436213	41.226	nq	99
51) 2,6-Dinitrotoluene	14.36	165	86963	38.769	nq	98
52) Acenaphthene	14.85	154	280605	36.273	nq	99
53) 3-Nitroaniline	14.69	138	37826	16.776	nq	# 98
54) 2,4-Dinitrophenol	14.90	184	95686	68.454	nq	98
55) Dibenzofuran	15.18	168	464407	36.590	nq	99
56) 4-Nitrophenol	14.99	139	153356	76.029	nq	92
57) 2,4-Dinitrotoluene	15.15	165	121898	38.675	nq	86
58) Fluorene	15.83	166	366512	36.733	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	115614	41.847	nq	97
60) Diethylphthalate	15.58	149	393261	37.545	nq	97
61) 4-Chlorophenyl-phenylether	15.81	204	196317	36.871	nq	97
62) 4-Nitroaniline	15.86	138	90495	37.020	nq	96
63) Azobenzene	16.10	77	354918	37.380	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68862	37.797	nq	98
66) n-Nitrosodiphenylamine	16.03	169	345280	38.707	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	126164	36.580	nq	95
68) Hexachlorobenzene	16.82	284	131203	36.699	nq	95
69) Atrazine	16.97	200	138502	39.451	nq	95
70) Pentachlorophenol	17.17	266	168271	74.526	nq	95
71) Phenanthrene	17.57	178	617395	36.377	nq	99
72) Anthracene	17.66	178	622172	37.618	nq	99
73) Carbazole	17.94	167	551838	37.011	nq	98
74) Di-n-butylphthalate	18.46	149	658474	37.535	nq	99
75) Fluoranthene	19.57	202	720072	35.899	nq	98
77) Benzidine	19.75	184	139660	14.818	nq	99
78) Pyrene	19.93	202	716421	37.121	nq	98
80) Butylbenzylphthalate	20.80	149	300746	40.222	nq	95
81) Benzo(a)anthracene	21.80	228	668407	35.908	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	103993	15.302	nq	97
83) Chrysene	21.87	228	638629	35.389	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	415214	39.517	nq	99
85) Di-n-octyl phthalate	22.92	149	704048	40.468	nq	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	753346	36.798	nq	# 94
88) Benzo(b)fluoranthene	24.10	252	658744	36.039	nq	100
89) Benzo(k)fluoranthene	24.18	252	653974	38.436	nq	99
90) Benzo(a)pyrene	25.03	252	647944	38.362	nq	99
91) Dibenzo(a,h)anthracene	29.13	278	618817	37.371	nq	99
92) Benzo(g,h,i)perylene	30.28	276	625099	37.588	nq	94

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



#1

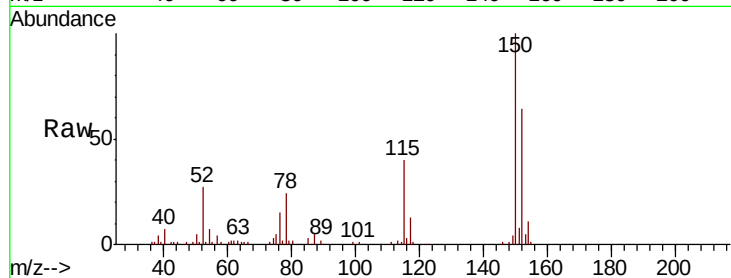
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	62.6	45.9	68.9

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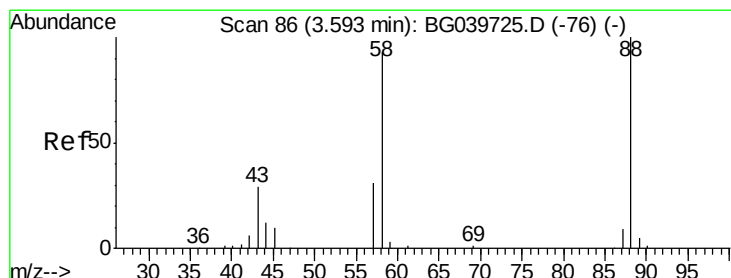
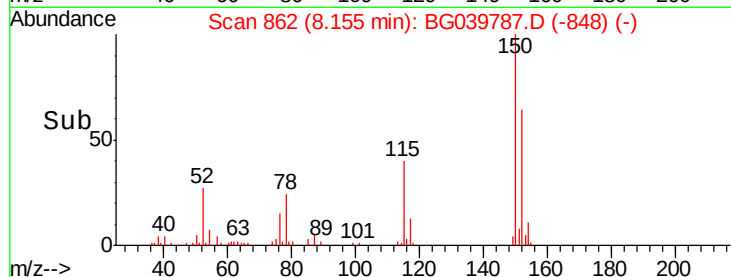
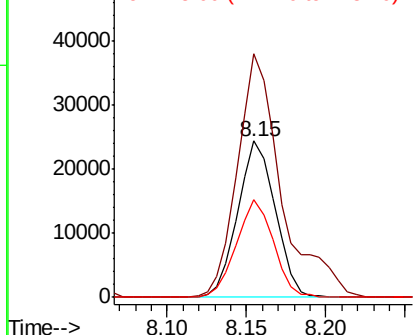


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

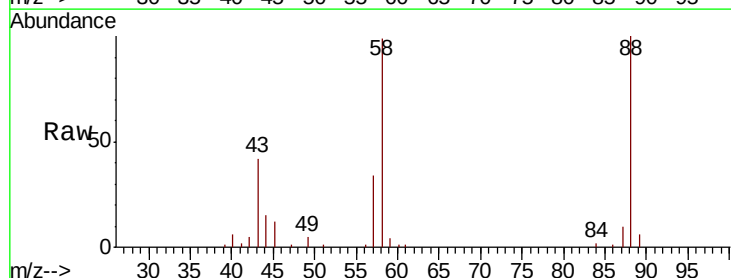
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.904 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	81.1	121.7
43	36.6	31.4	47.0

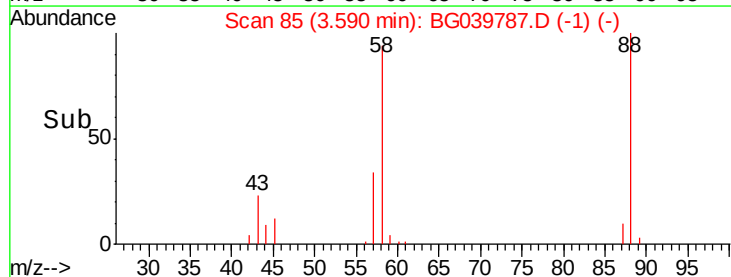
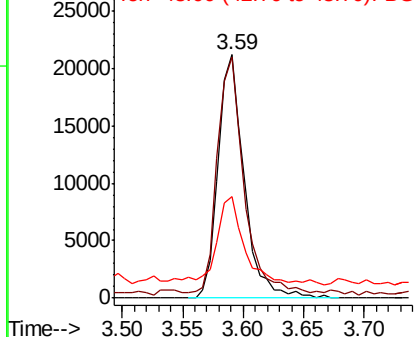


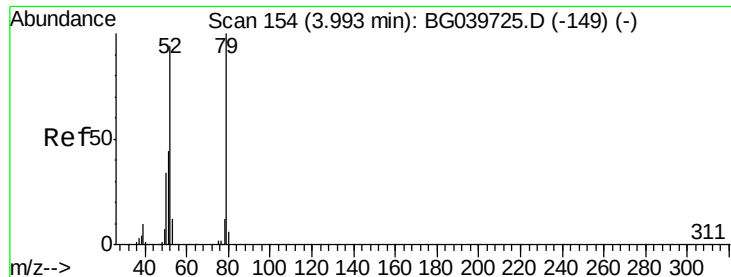
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.542 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

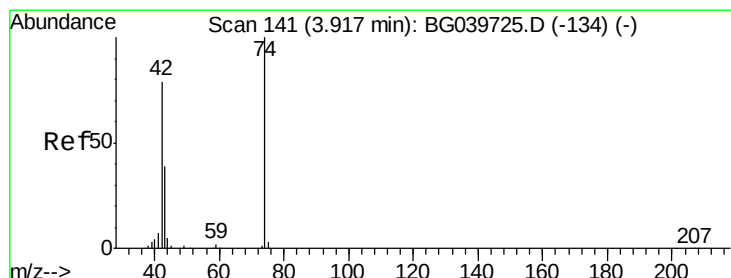
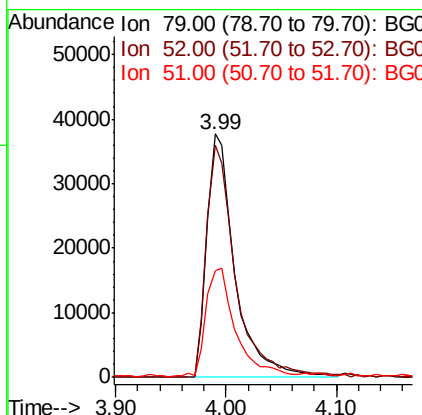
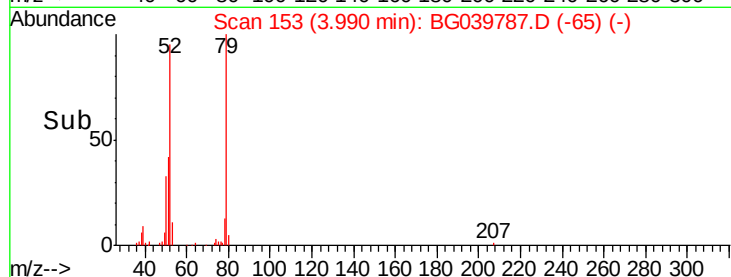
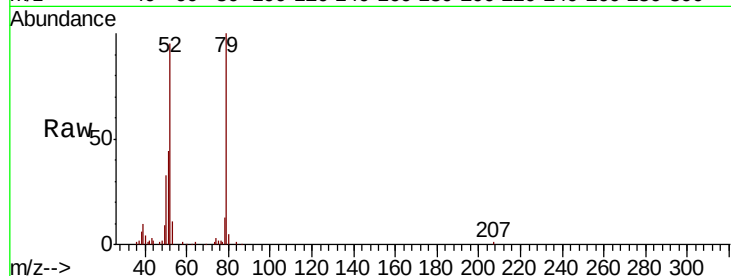
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	79	Resp:	65607
Ion Ratio	Lower	Upper	
79	100		
52	95.3	82.6	124.0
51	43.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 34.778 ng

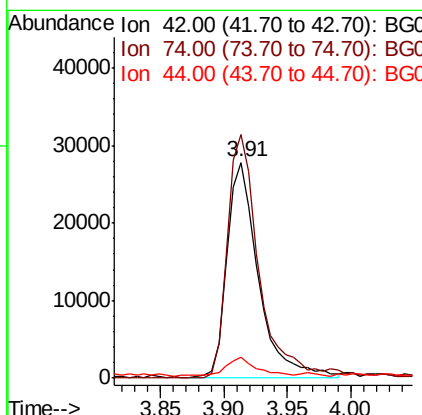
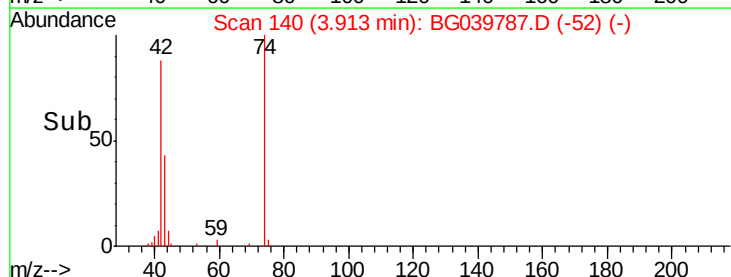
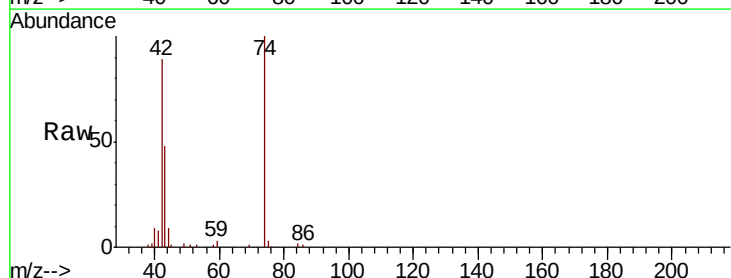
RT: 3.91 min Scan# 140

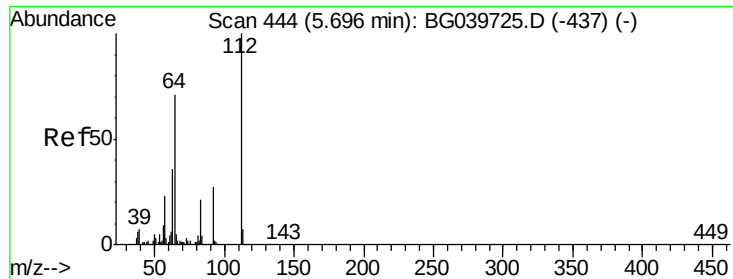
Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	42	Resp:	48019
Ion Ratio	Lower	Upper	
42	100		
74	112.9	83.6	125.4
44	9.6	6.9	10.3





#5

2-Fluorophenol

Concen: 130.008 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

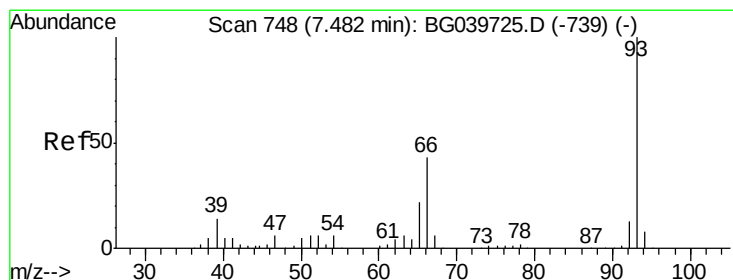
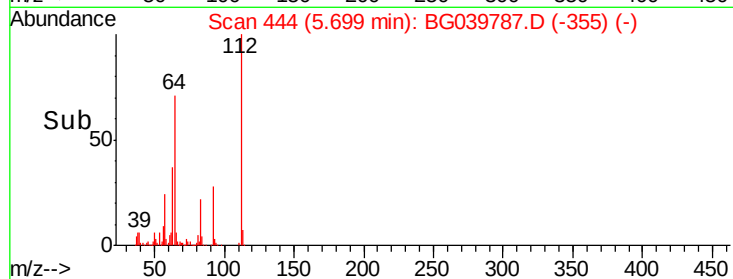
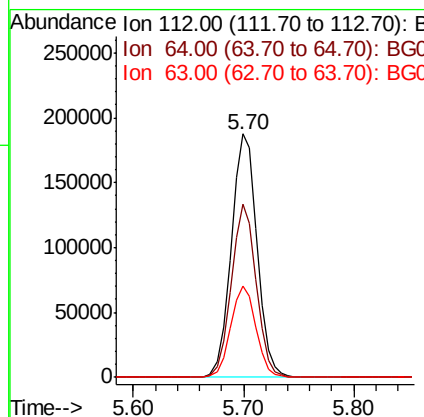
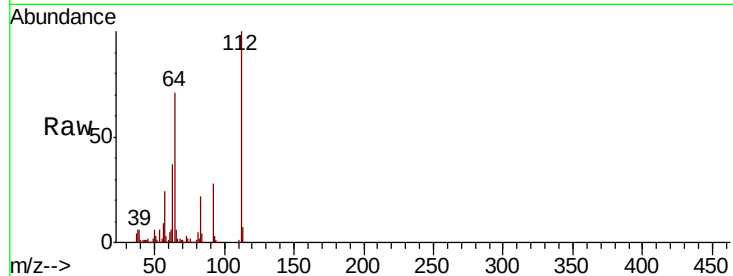
ClientSampleId :

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Tot Ion:	112	Resp:	306141
Ion Ratio	Lower	Upper	
112	100		
64	71.3	57.8	86.8
63	37.3	29.8	44.6

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#6

Aniline

Concen: 14.086 ng

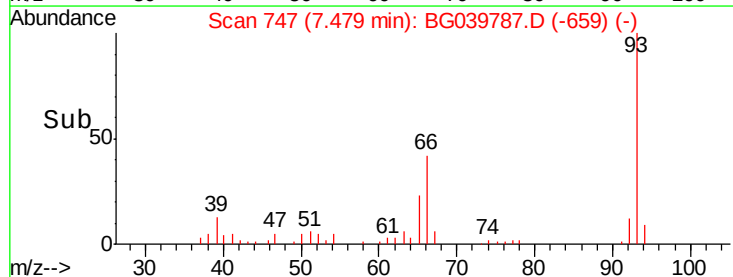
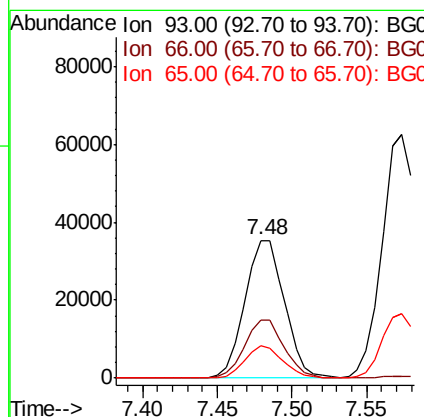
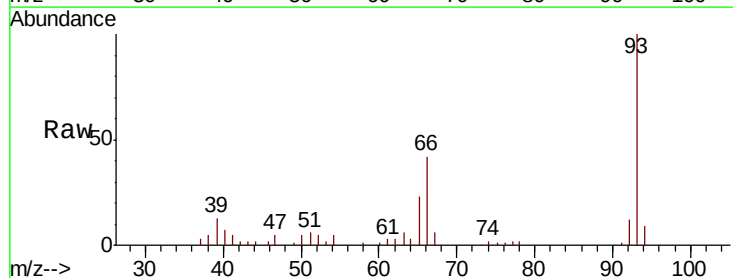
RT: 7.48 min Scan# 747

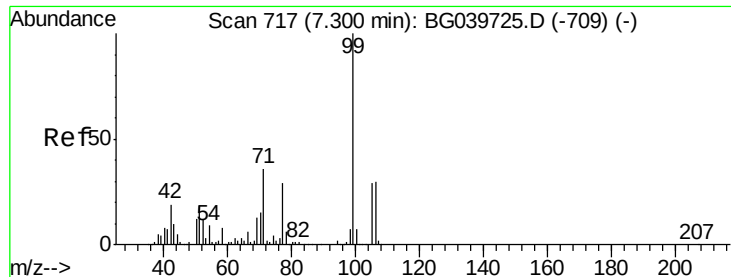
Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	93	Resp:	64799
Ion Ratio	Lower	Upper	
93	100		
66	41.8	34.2	51.4
65	23.2	17.7	26.5





#7

Phenol-d6

Concen: 131.029 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

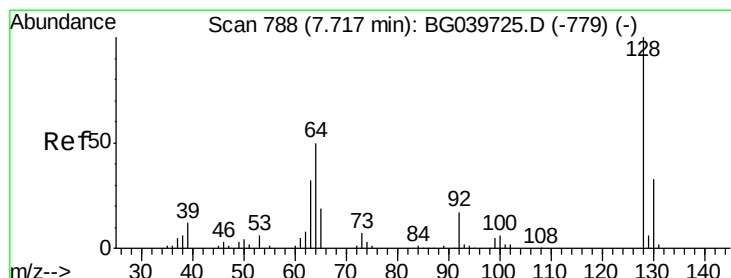
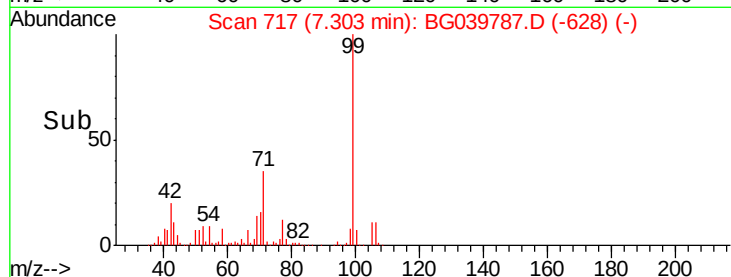
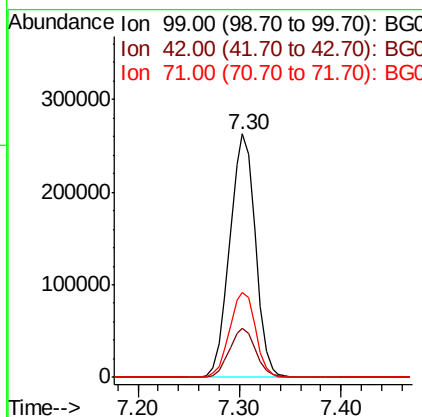
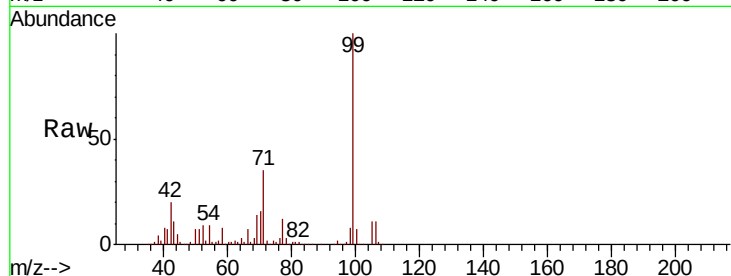
ClientSampleId :

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Tot Ion:	99	Resp:	460059
Ion Ratio	Lower	Upper	
99	100		
42	20.2	18.2	27.2
71	35.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 37.456 ng

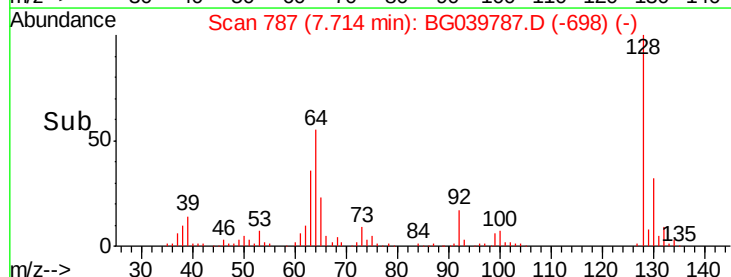
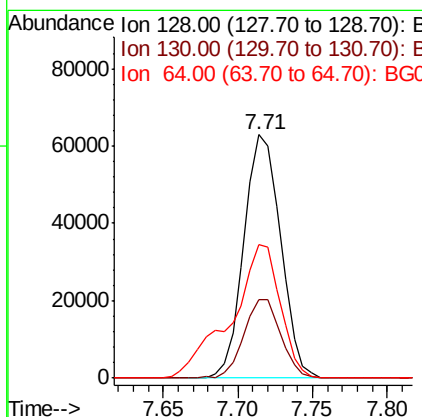
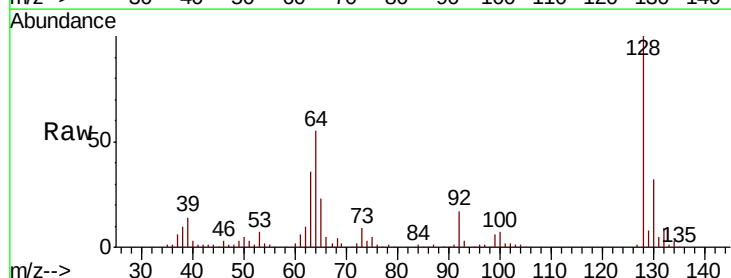
RT: 7.71 min Scan# 787

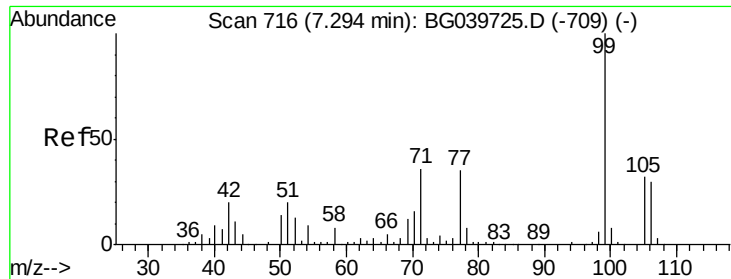
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	128	Resp:	107005
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	55.1	38.7	78.7





#9

Benzaldehyde

Concen: 29.309 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

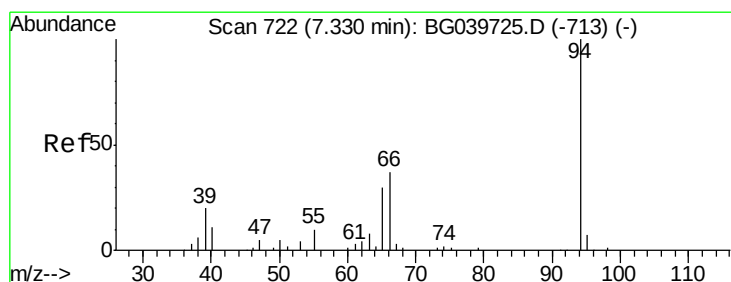
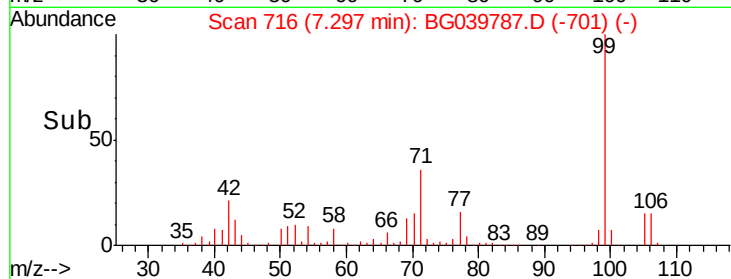
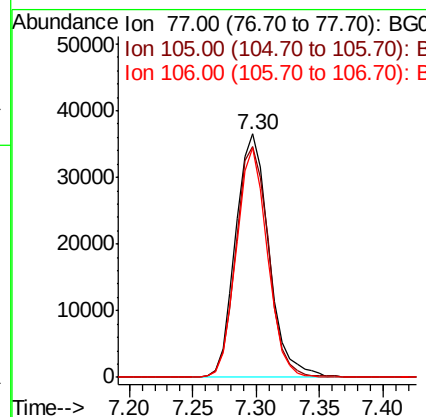
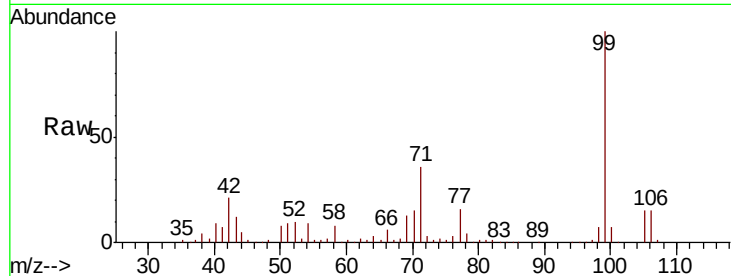
ClientSampleId :

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Tot Ion:	77	Resp:	66381
Ion	Ratio	Lower	Upper
77	100		
105	94.7	74.5	114.5
106	94.1	68.0	108.0

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#10

Phenol

Concen: 47.626 ng

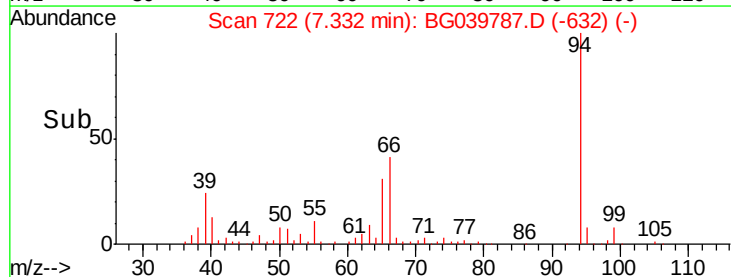
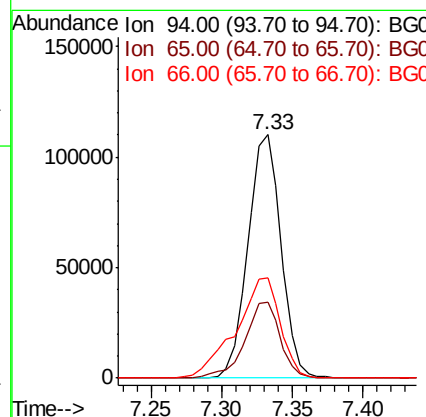
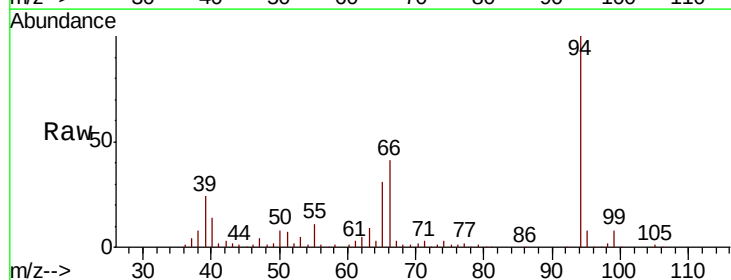
RT: 7.33 min Scan# 722

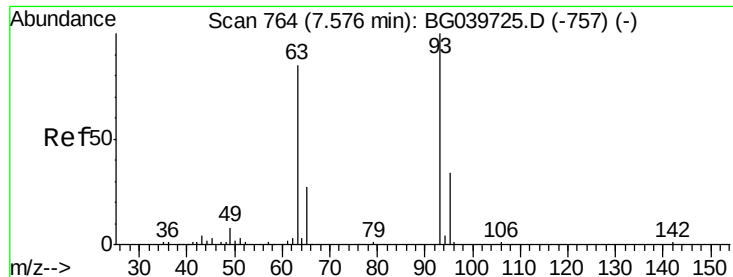
Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	94	Resp:	181156
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	41.4	23.7	63.7





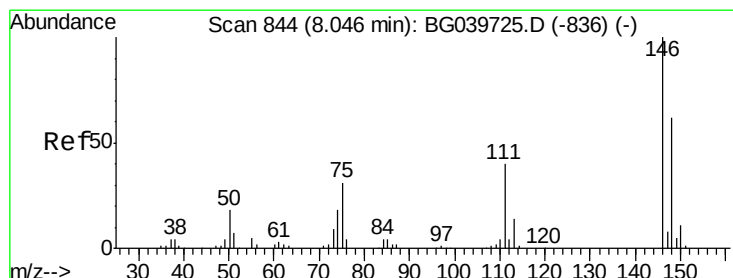
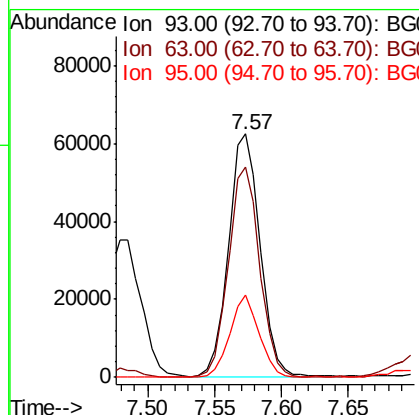
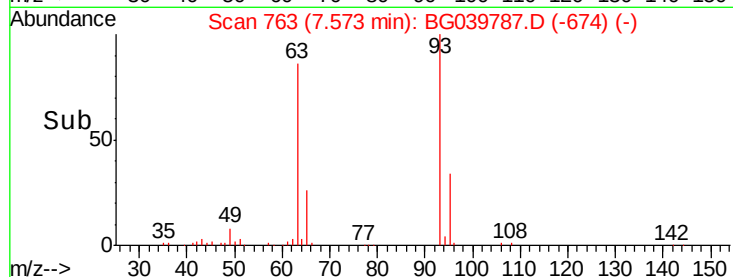
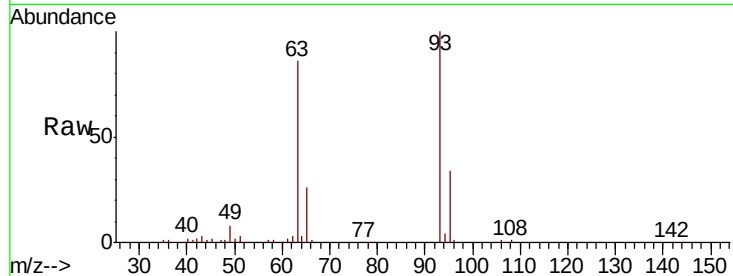
#11
bis(2-Chloroethyl)ether
Concen: 34.783 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion:	93	Resp:	103152
Ion Ratio	Lower	Upper	
93	100		
63	86.2	69.5	109.5
95	33.7	12.7	52.7

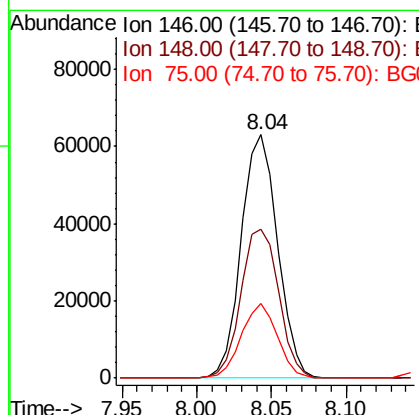
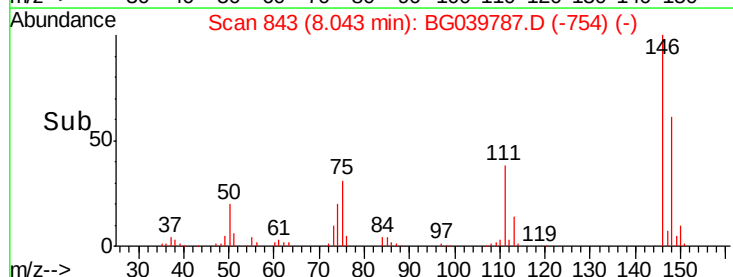
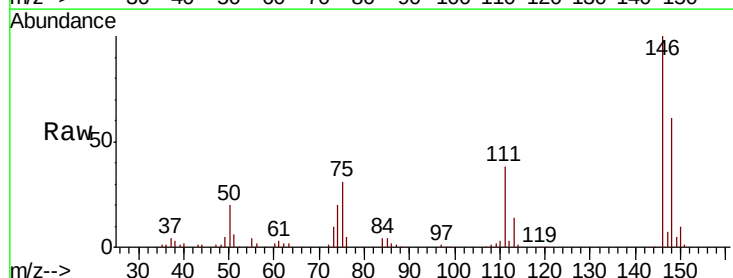
Manual Integrations
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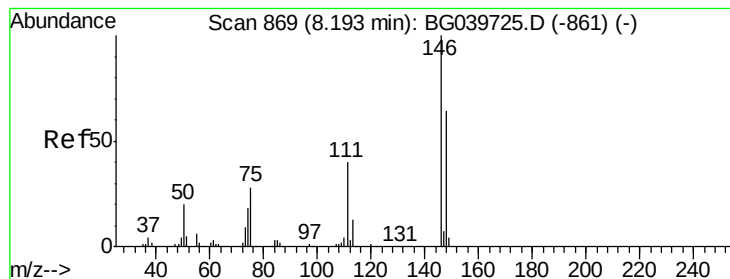
Sohil
3/7/2019 3:42:39 PM



#12
1,3-Dichlorobenzene
Concen: 32.961 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion:	146	Resp:	106497
Ion Ratio	Lower	Upper	
146	100		
148	61.0	52.6	79.0
75	30.7	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 32.824 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

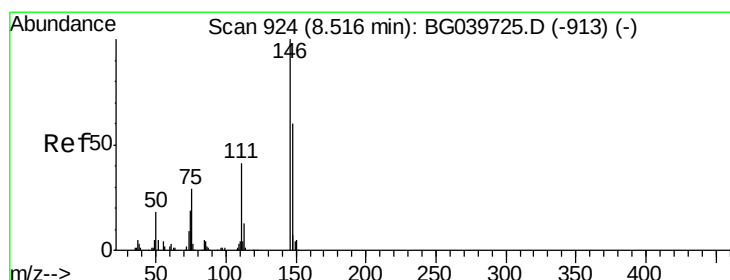
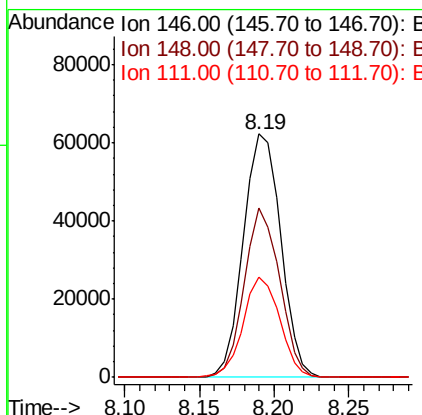
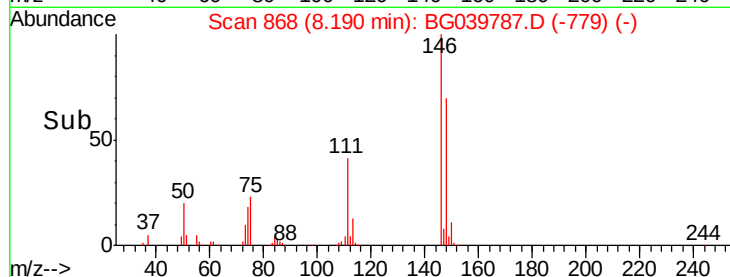
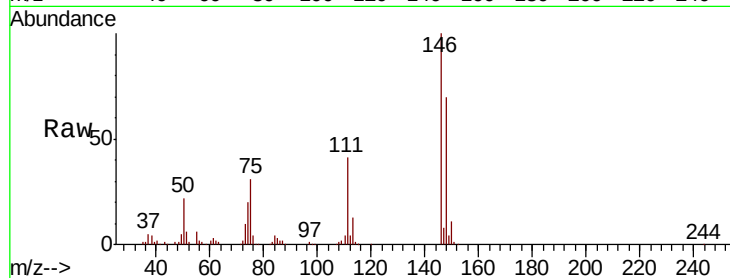
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	146	Resp:	108024
Ion Ratio	Lower	Upper	
146	100		
148	69.7	51.1	76.7
111	41.0	32.6	48.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.669 ng

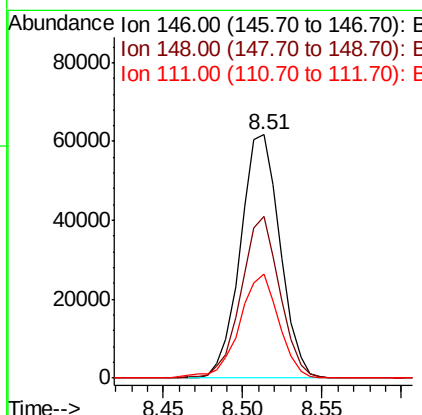
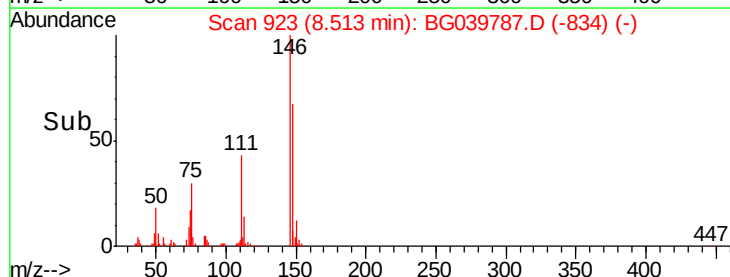
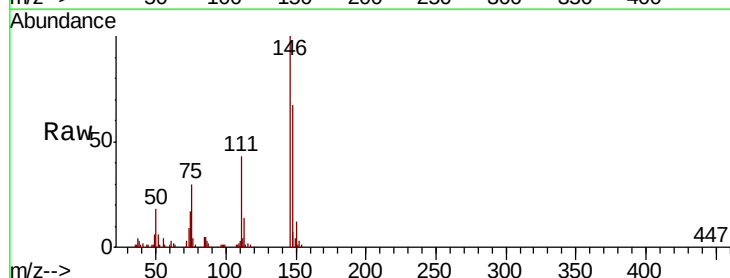
RT: 8.51 min Scan# 923

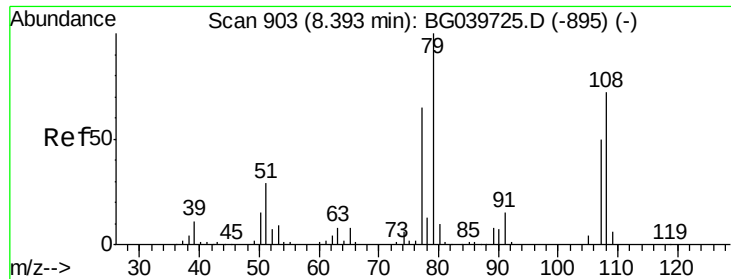
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	146	Resp:	107060
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.5	77.3
111	42.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 37.732 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

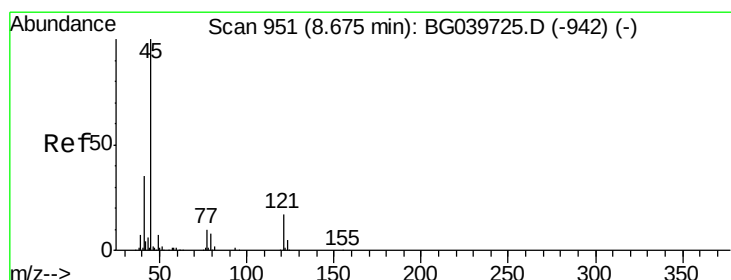
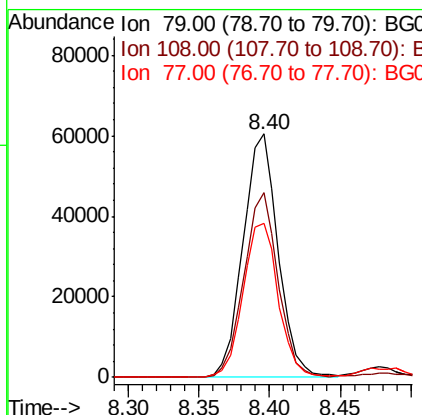
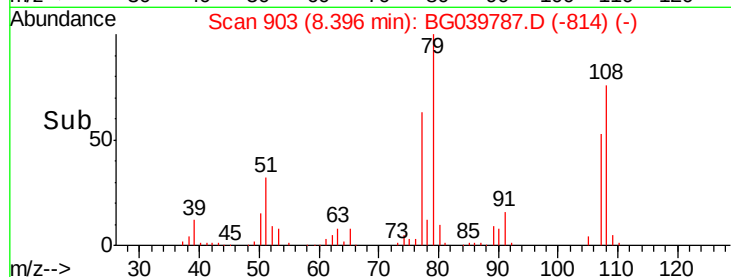
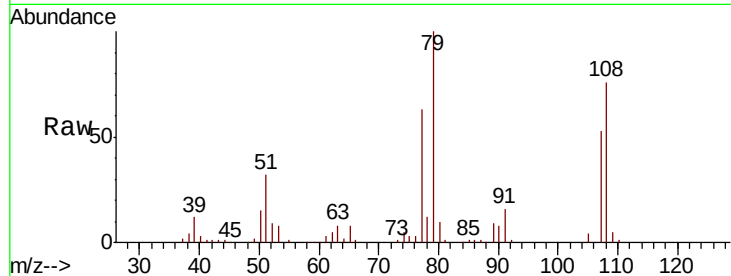
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	79	Resp:	105091
Ion Ratio	Lower	Upper	
79	100		
108	75.7	57.8	86.6
77	63.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.620 ng

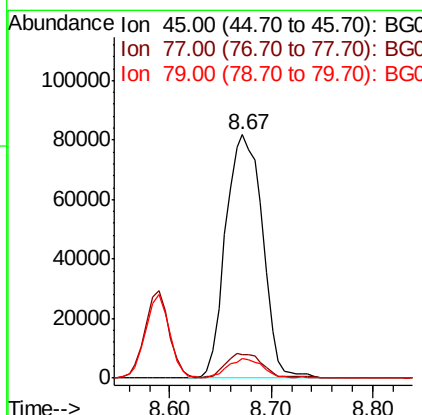
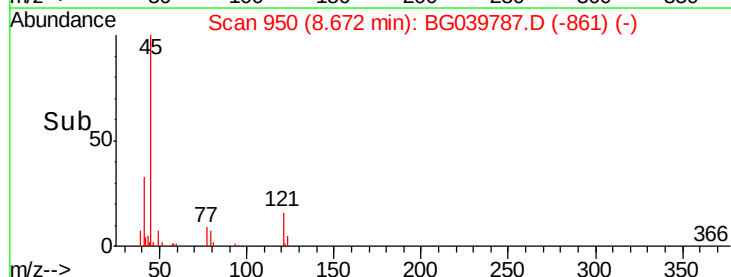
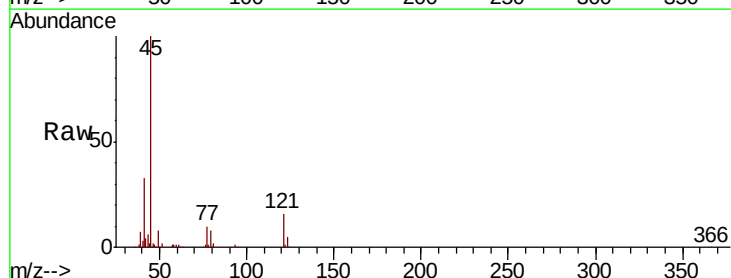
RT: 8.67 min Scan# 950

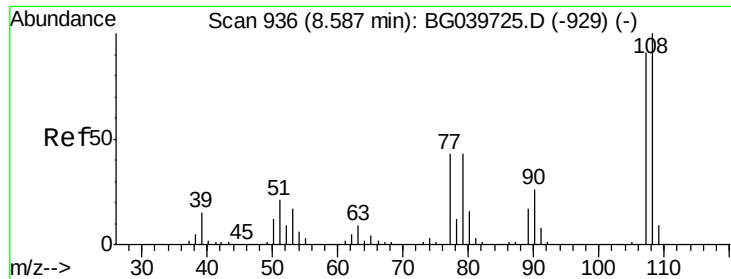
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	45	Resp:	205342
Ion Ratio	Lower	Upper	
45	100		
77	9.8	0.0	30.0
79	8.0	0.0	27.5





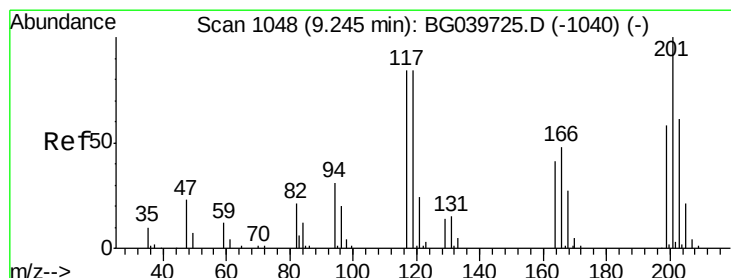
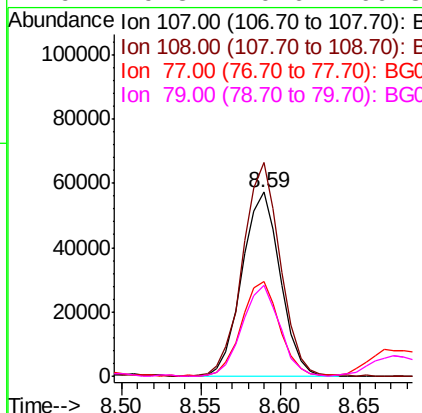
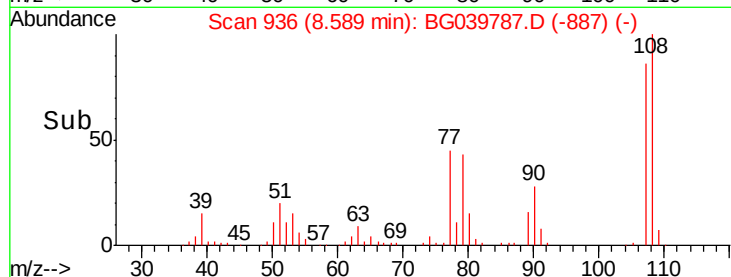
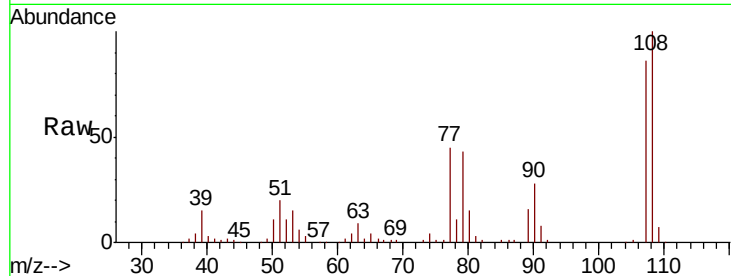
#17
2-Methylphenol
Concen: 39.445 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.0	90.8	136.2	
77	51.6	40.7	61.1	
79	49.3	40.6	60.8	

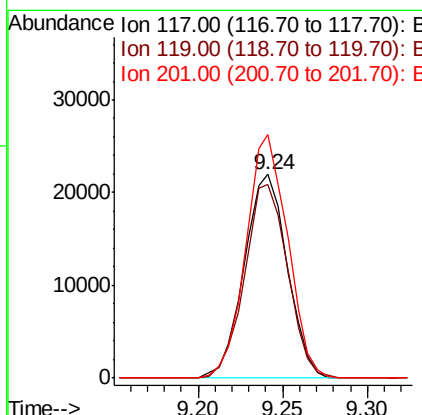
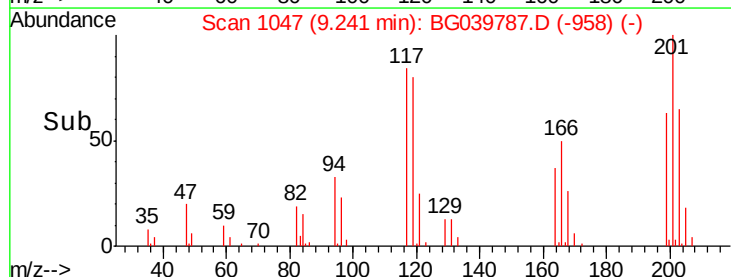
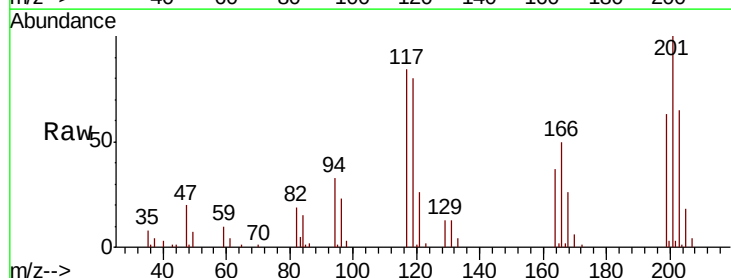
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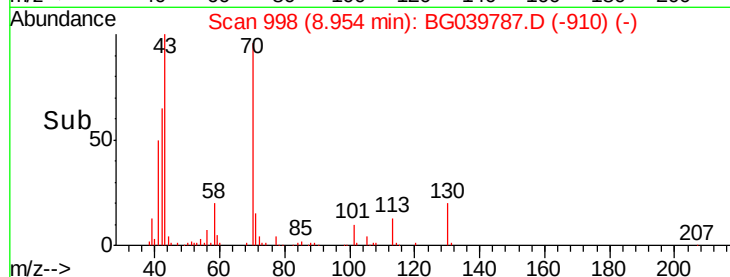
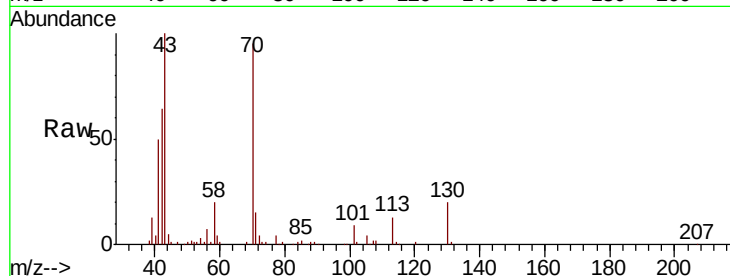
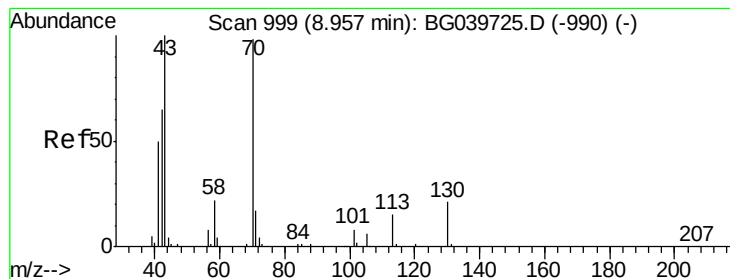
Sohil
3/7/2019 3:42:39 PM



#18
Hexachloroethane
Concen: 32.976 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.3	114.5	
201	119.7	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 35.308 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	60.4	90.6	
101	9.9	7.5	11.3	
130	21.1	16.9	25.3	

Instrument :

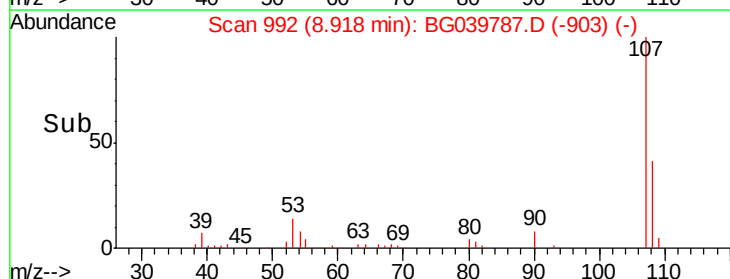
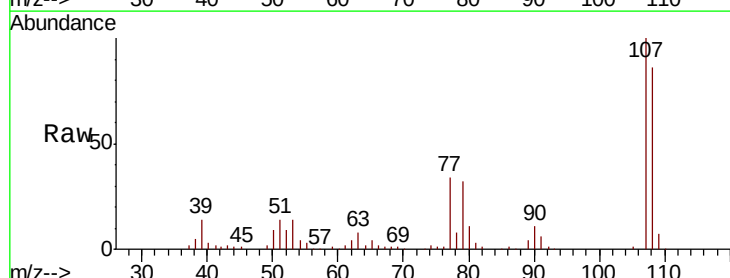
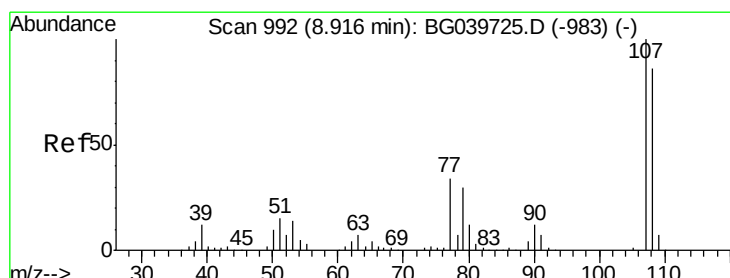
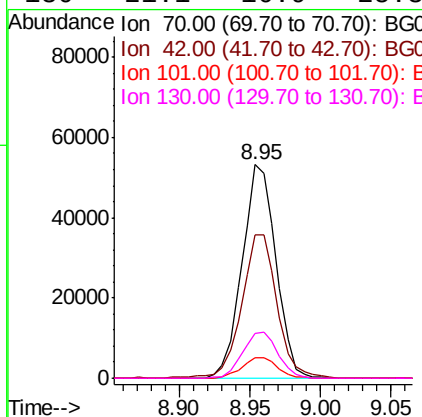
BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

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#20

3+4-Methylphenols

Concen: 40.147 ng

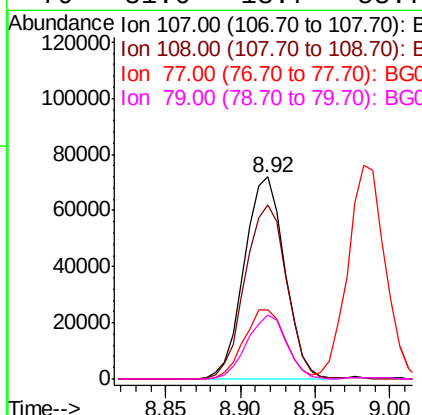
RT: 8.92 min Scan# 992

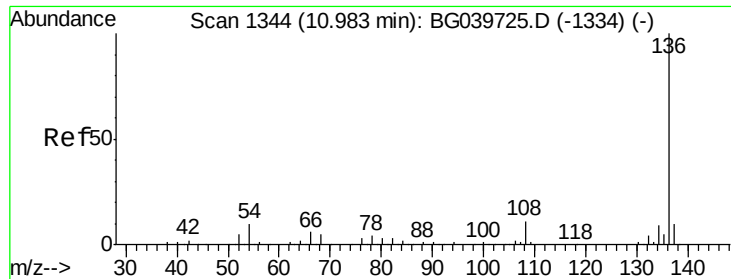
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	67.9	107.9	
77	34.2	15.4	55.4	
79	31.6	13.7	53.7	





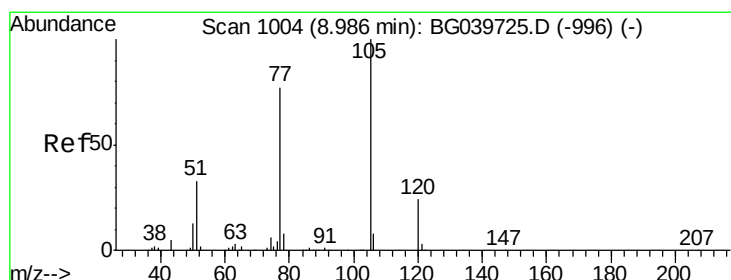
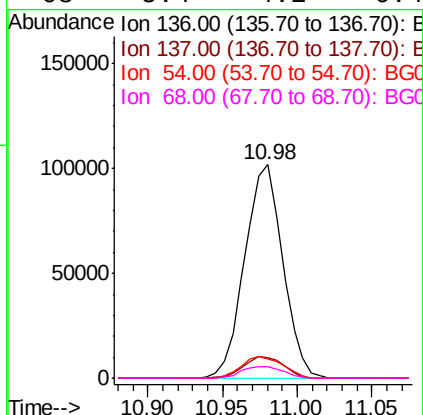
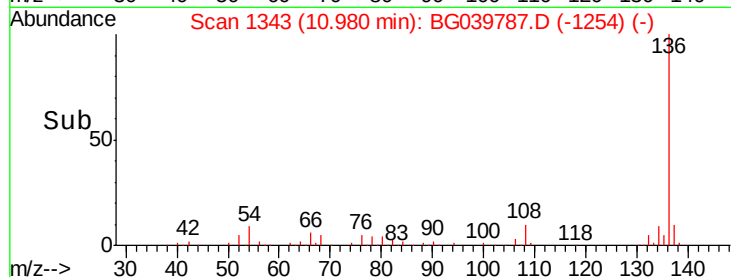
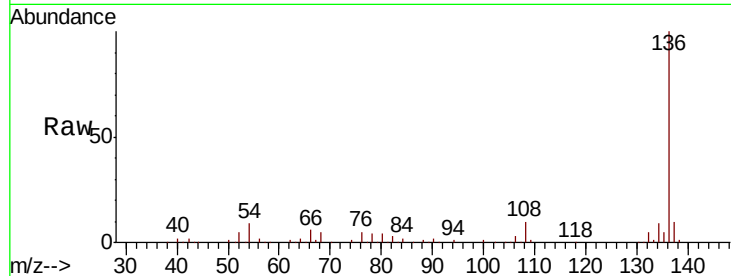
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.6	9.1	13.7	
54	9.0	9.4	14.2	
68	5.4	4.2	6.4	

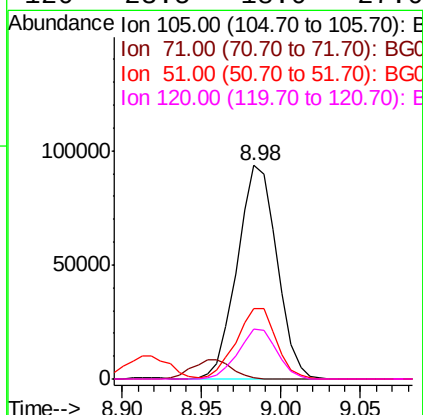
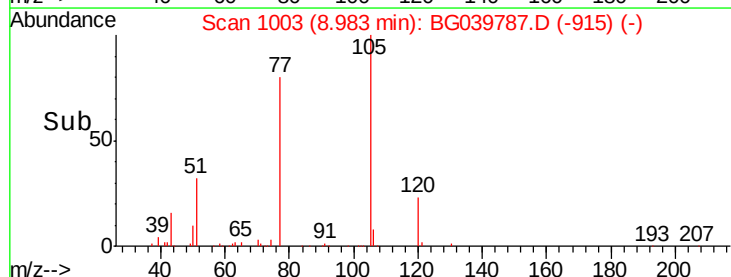
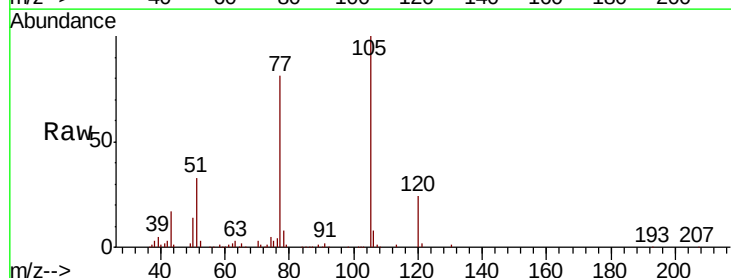
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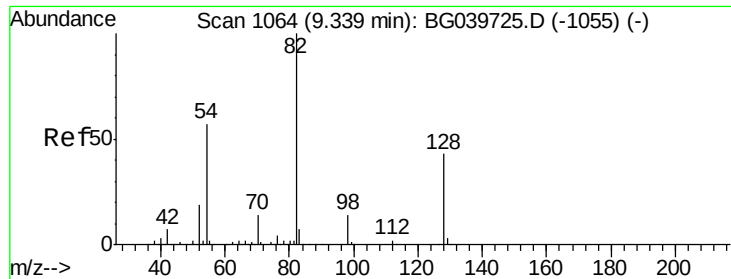
Sohil
3/7/2019 3:42:39 PM



#22
Acetophenone
Concen: 33.572 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.8	1.2	
51	33.0	30.2	45.2	
120	23.5	18.0	27.0	





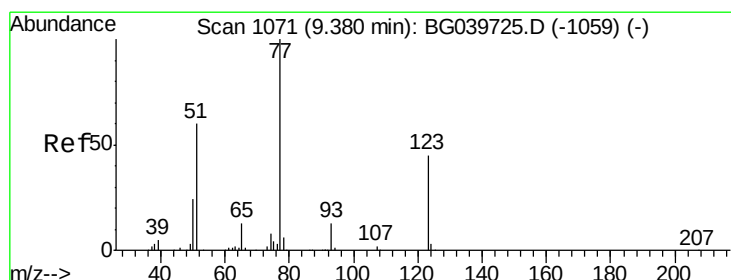
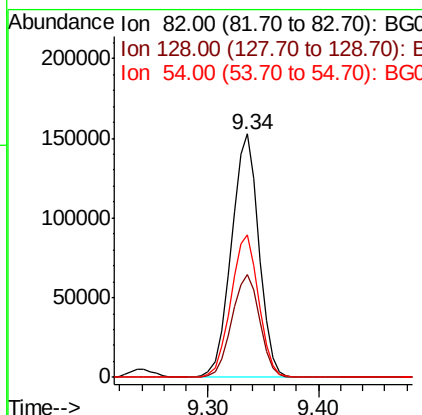
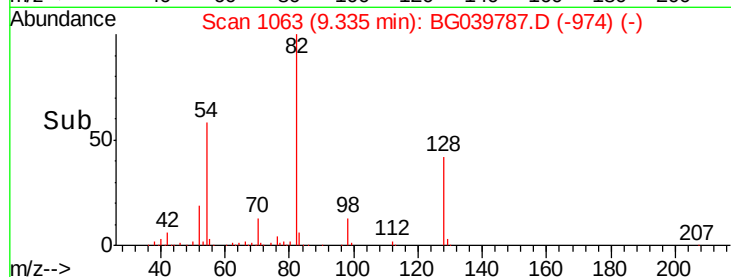
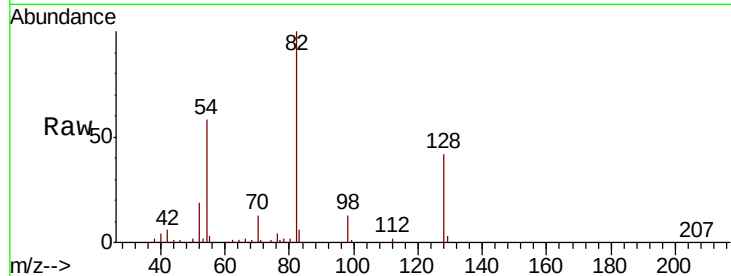
#23
 Nitrobenzene-d5
 Concen: 80.112 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	58.4	50.9	76.3

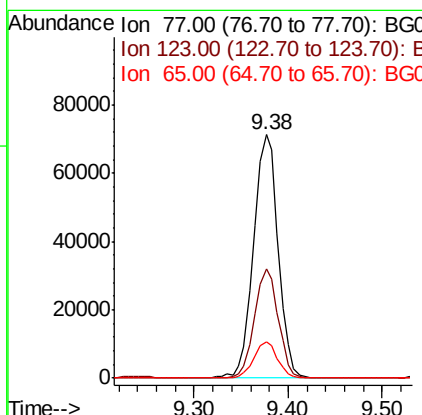
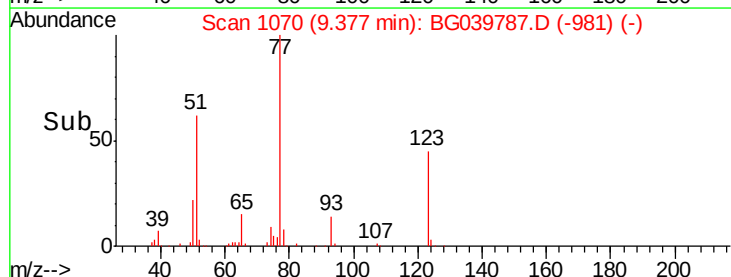
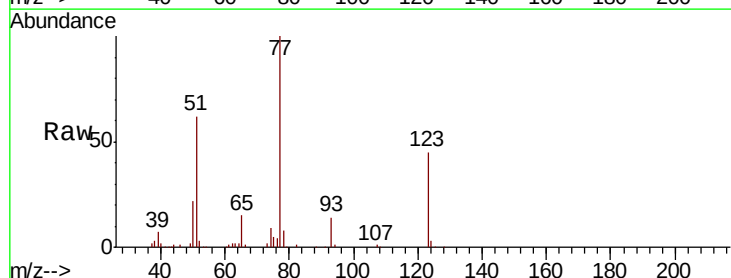
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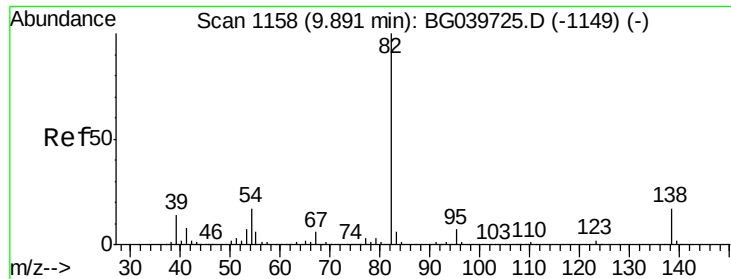
Sohil
 3/7/2019 3:42:39 PM



#24
 Nitrobenzene
 Concen: 36.863 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	34.1	51.1
65	14.8	12.3	18.5





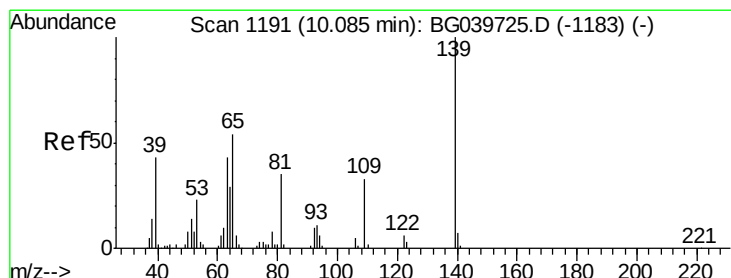
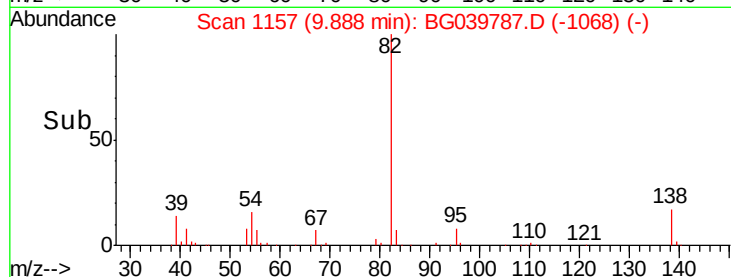
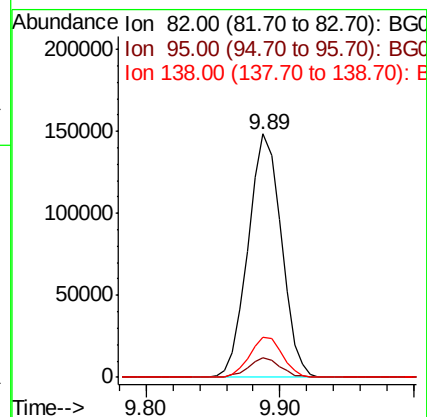
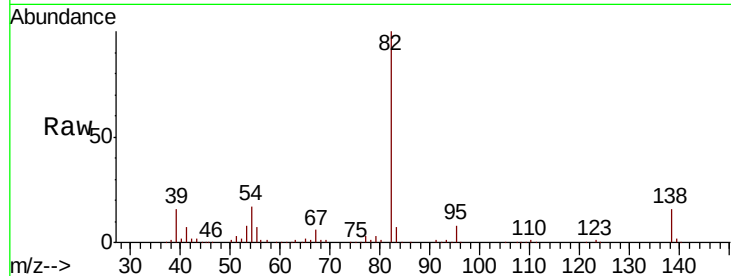
#25
Isophorone
Concen: 36.617 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	82	Resp	255437
Ion Ratio	100	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	16.5	13.0	19.4

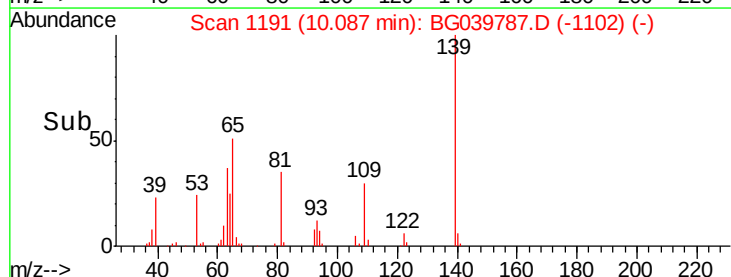
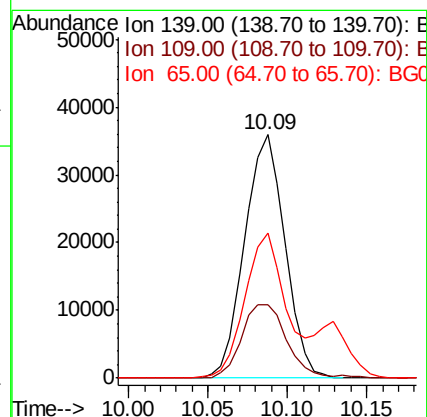
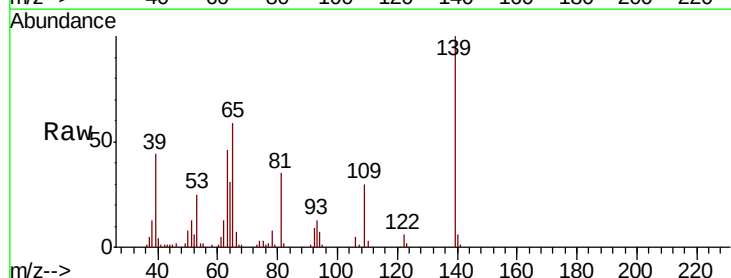
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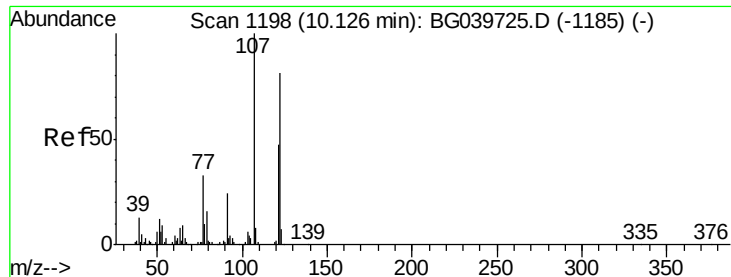
Sohil
3/7/2019 3:42:39 PM



#26
2-Nitrophenol
Concen: 37.634 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	139	Resp	63463
Ion Ratio	100	Lower	Upper
139	100		
109	30.0	23.4	35.0
65	59.4	44.3	66.5





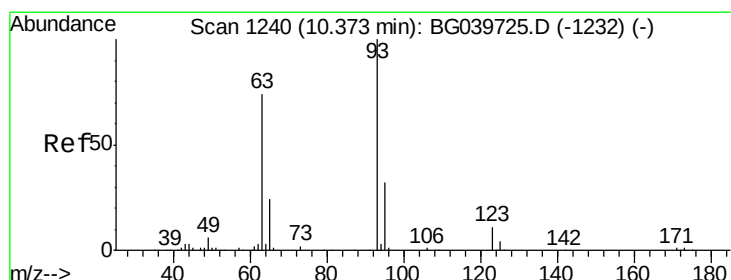
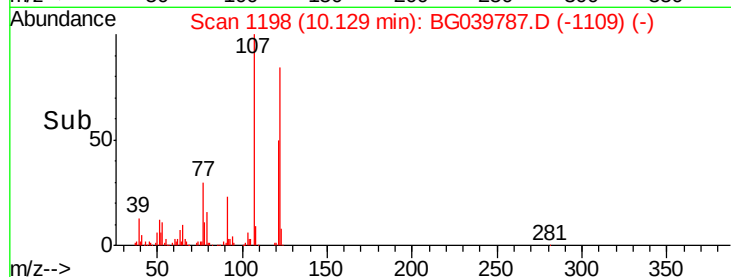
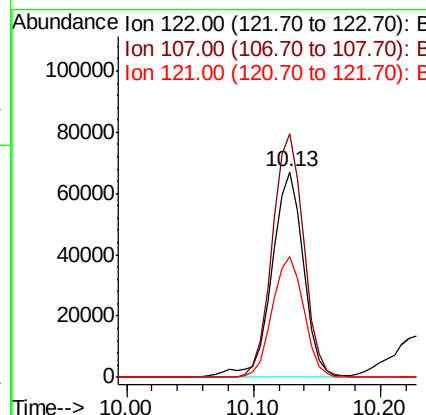
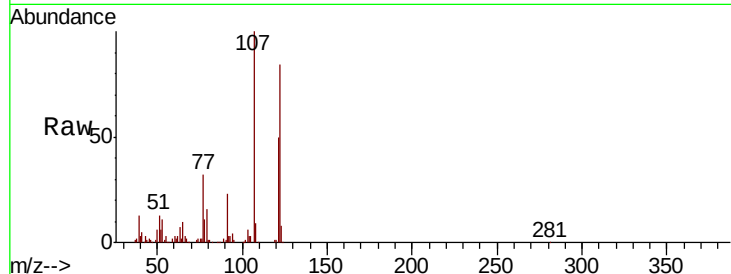
#27
2,4-Dimethylphenol
Concen: 44.255 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.7	137.5
121	58.7	46.4	69.6

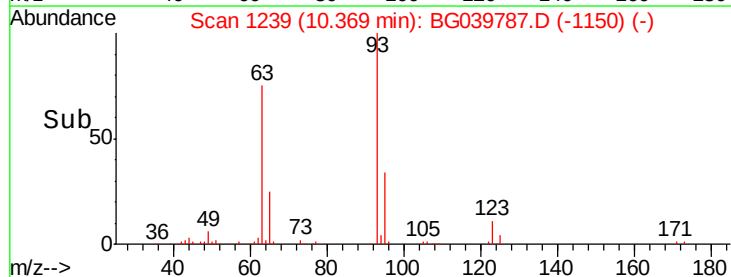
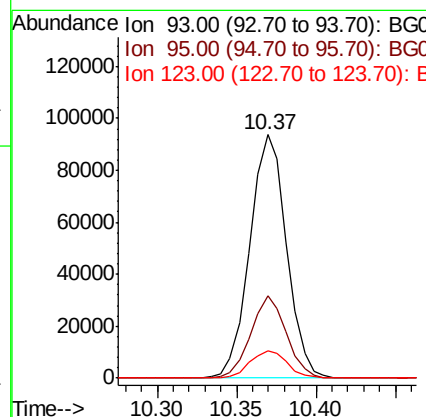
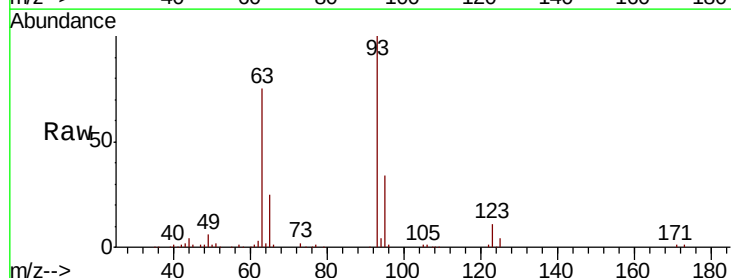
Manual Integrations
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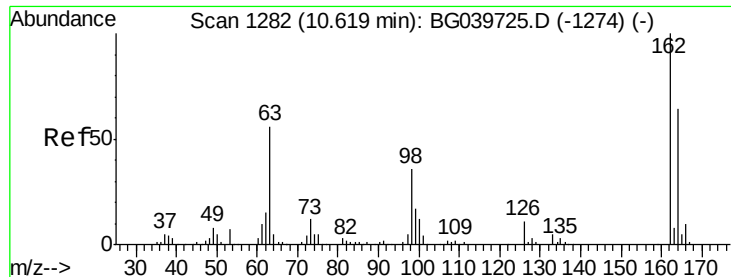
Sohil
3/7/2019 3:42:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.580 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.0	37.4
123	11.3	8.6	12.8





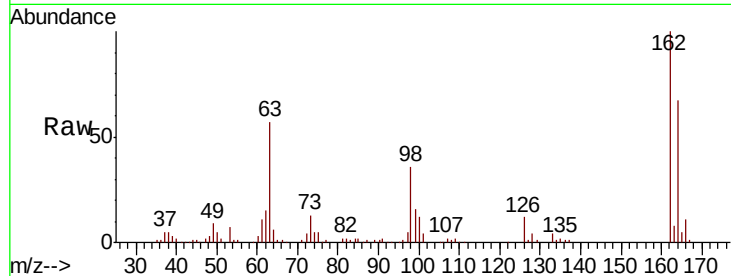
#29
 2,4-Dichlorophenol
 Concen: 42.008 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	48.1	88.1
98	36.0	18.1	58.1

Manual Integrations
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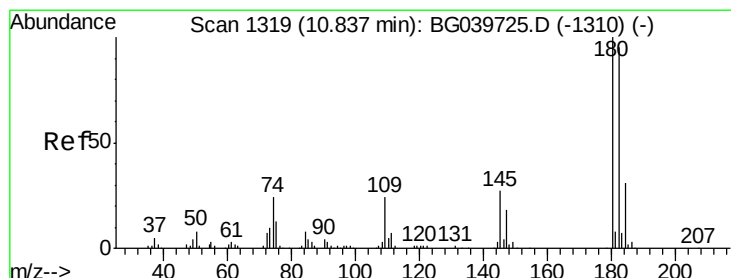
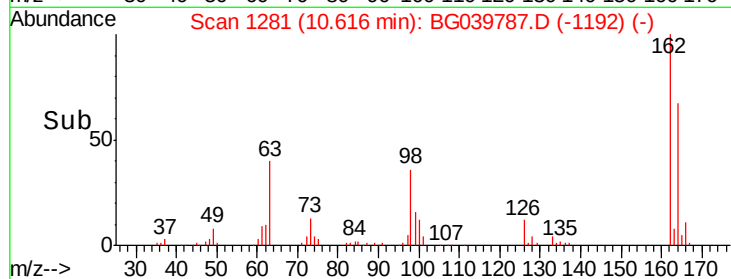
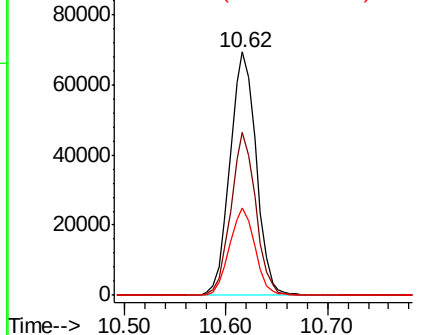


Abundance

Ion 162.00 (161.70 to 162.70): E

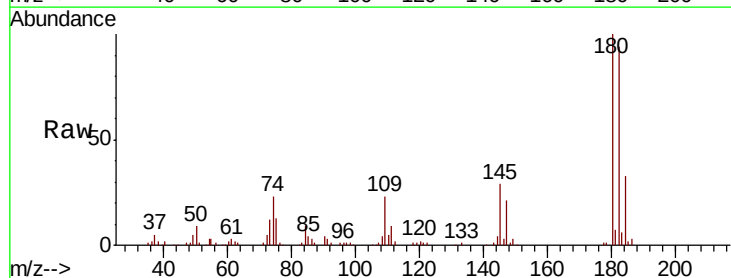
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 35.349 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.0	114.0
145	28.6	22.7	34.1

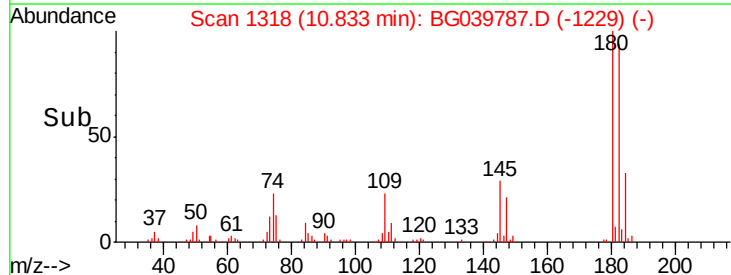
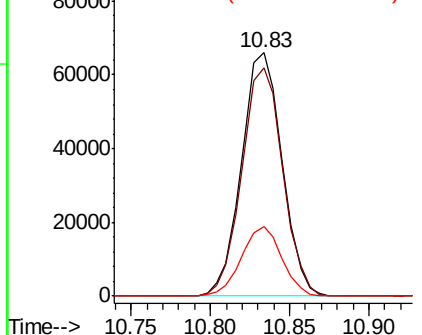


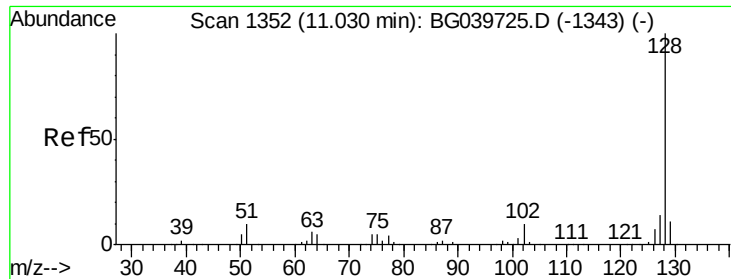
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





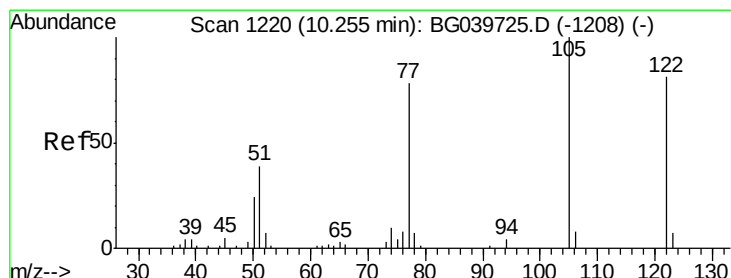
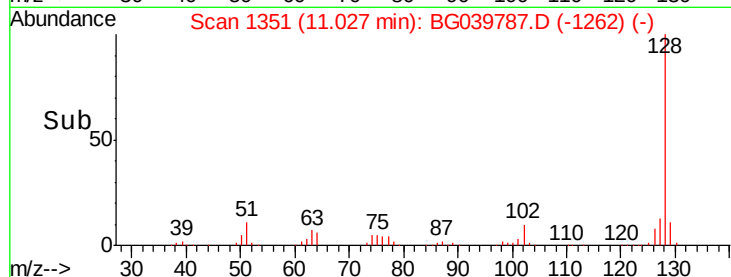
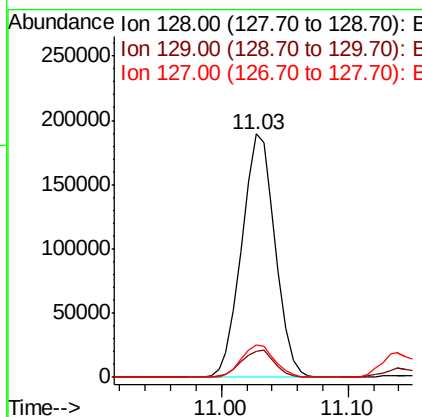
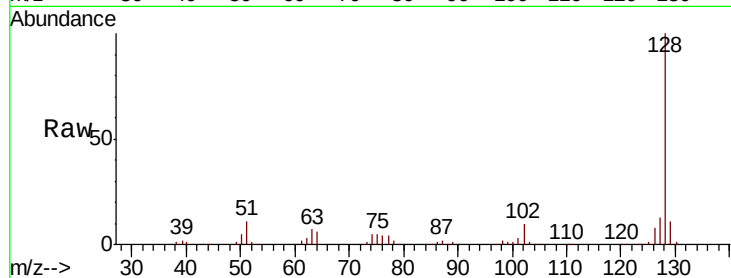
#31
Naphthalene
Concen: 36.244 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.8	16.2

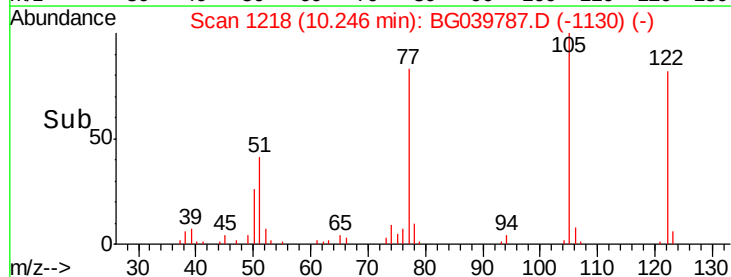
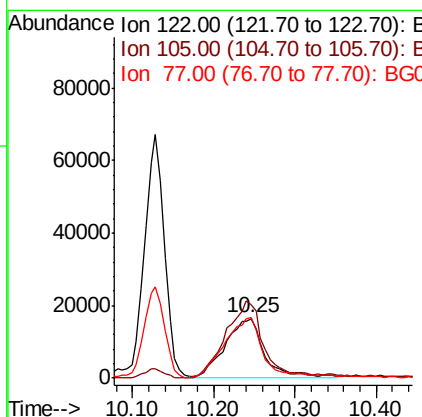
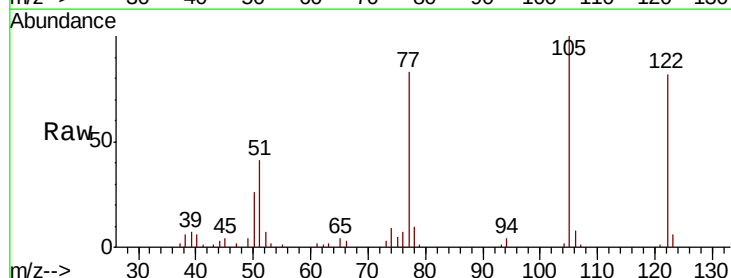
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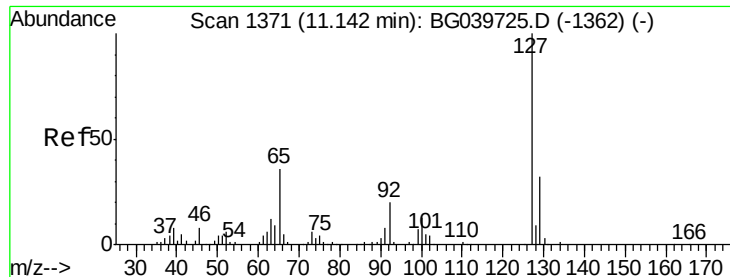
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#32
Benzoic acid
Concen: 33.332 ng m
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	101.8	141.8
77	102.0	76.3	116.3





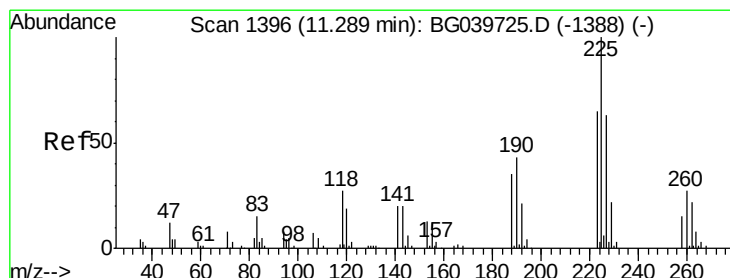
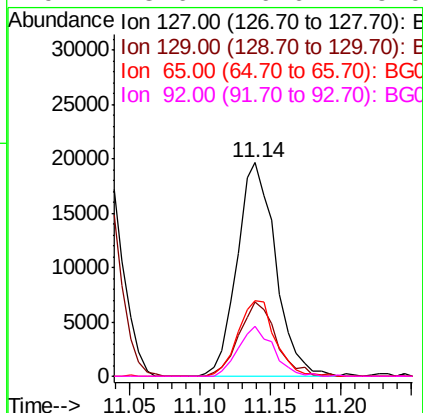
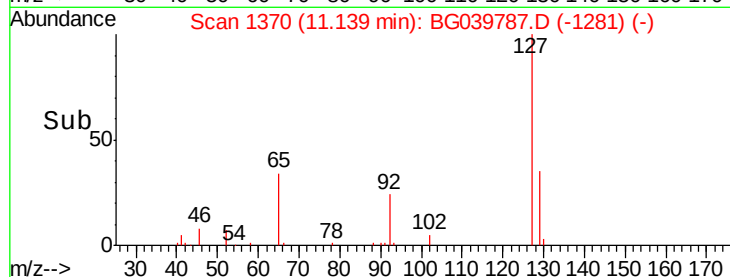
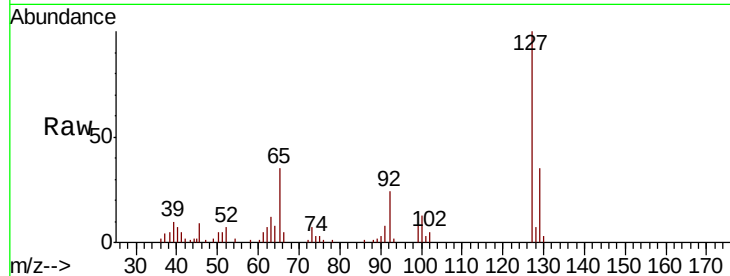
#33
4-Chloroaniline
Concen: 9.298 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	27.0	40.4		
65	35.2	28.8	43.2		
92	23.6	16.6	25.0		

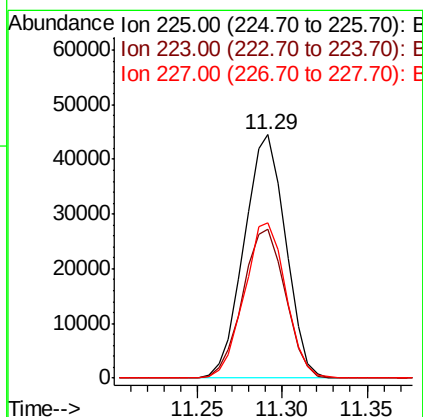
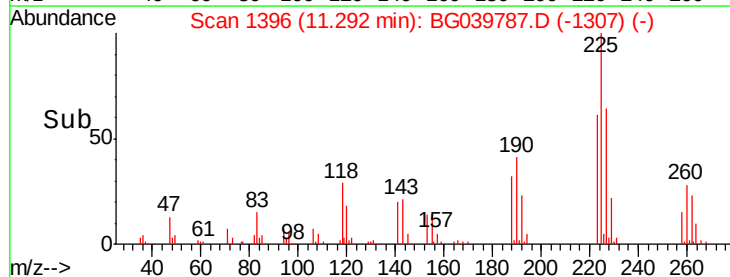
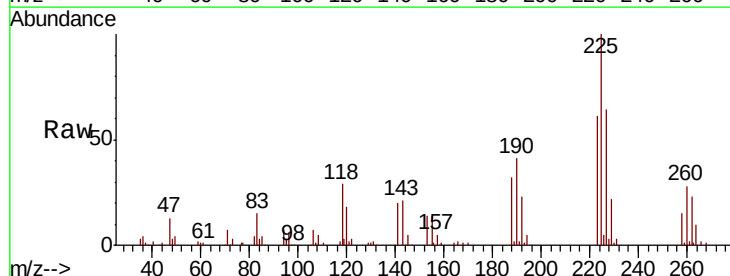
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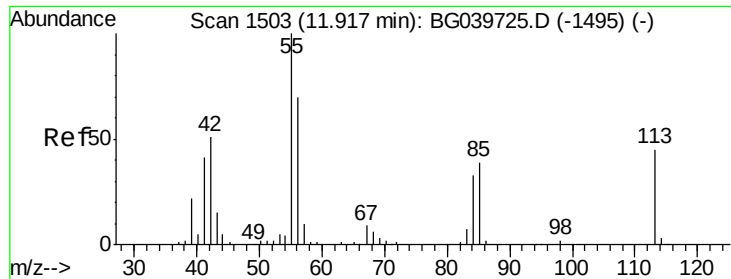
Sohil
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#34
Hexachlorobutadiene
Concen: 33.464 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.0	73.6		
227	64.0	46.3	69.5		





#35

Caprolactam

Concen: 40.445 ng/ml

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

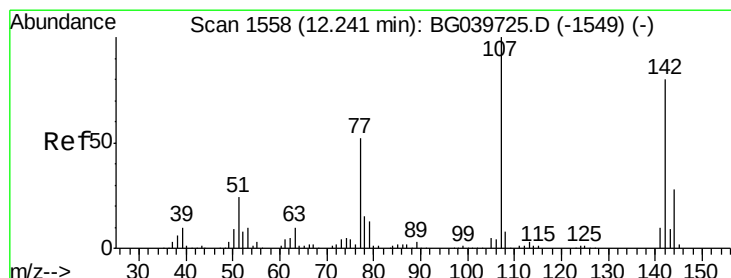
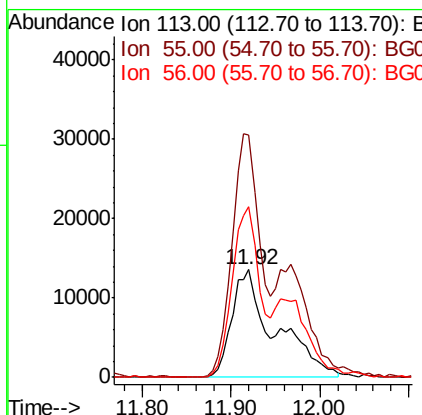
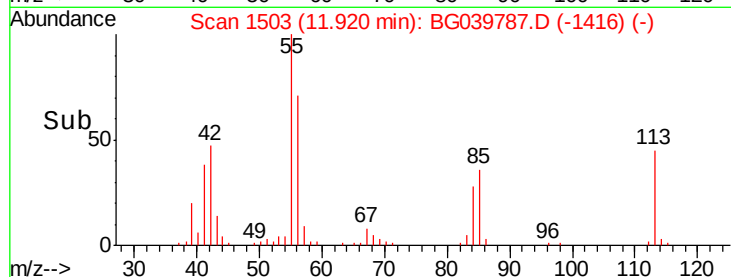
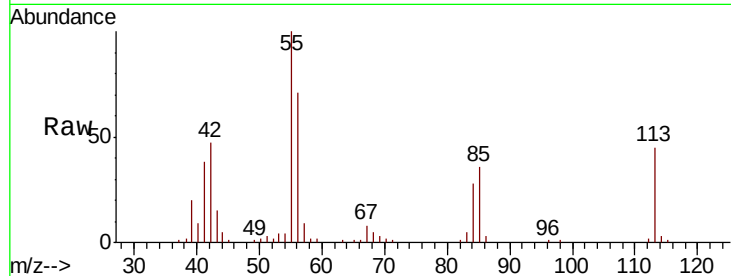
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	113	Resp:	45621
Ion	Ratio	Lower	Upper
113	100		
55	224.4	216.9	256.9
56	158.9	152.6	192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.714 ng/ml

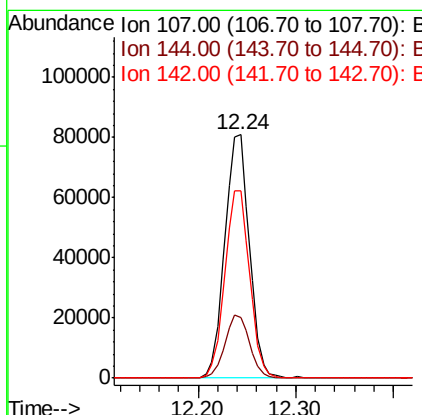
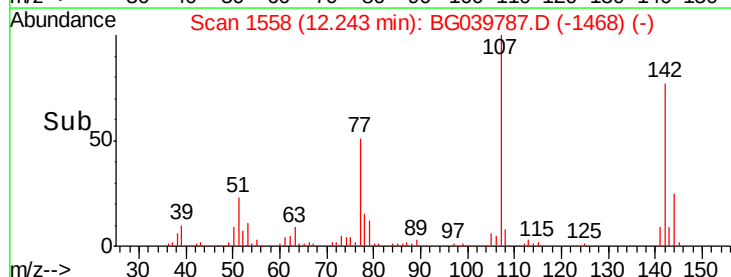
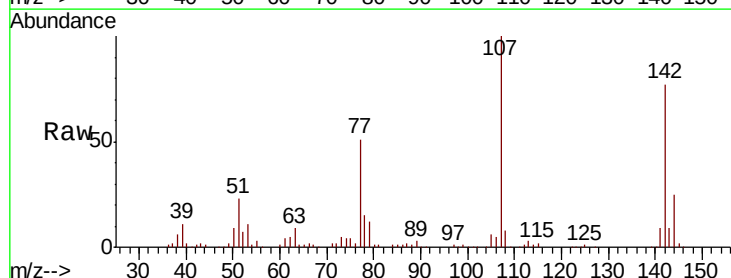
RT: 12.24 min Scan# 1558

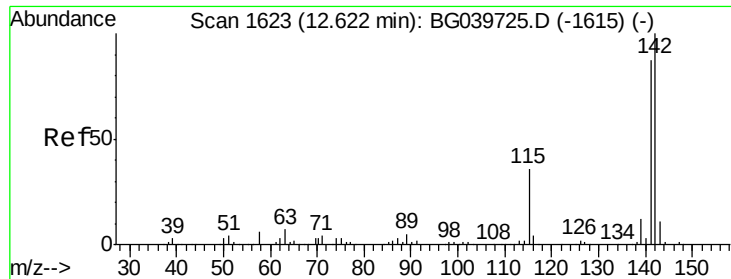
Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	107	Resp:	141200
Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	76.9	61.4	92.2





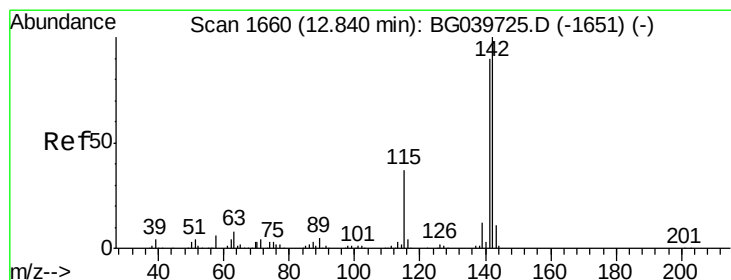
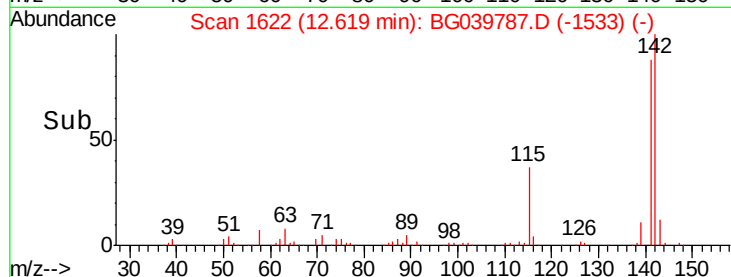
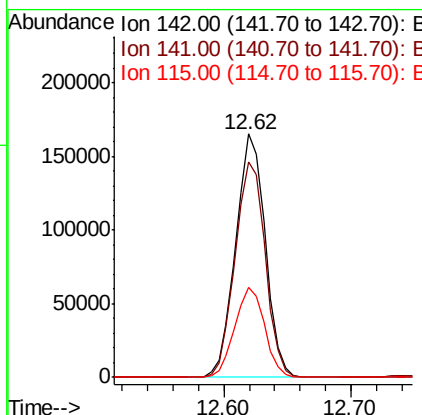
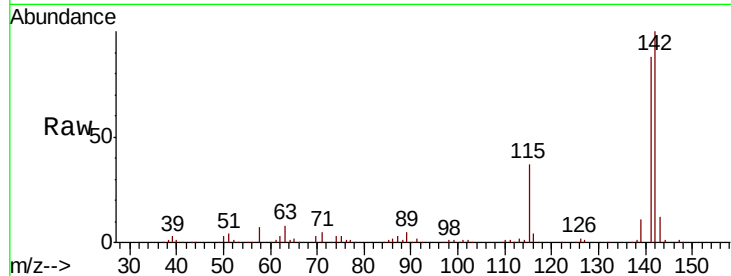
#37
2-Methylnaphthalene
Concen: 37.345 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	73.5	110.3
115	36.7	30.8	46.2

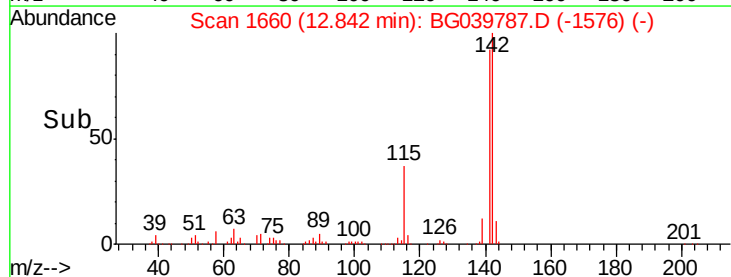
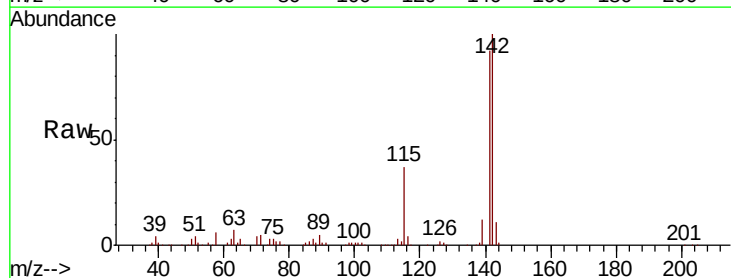
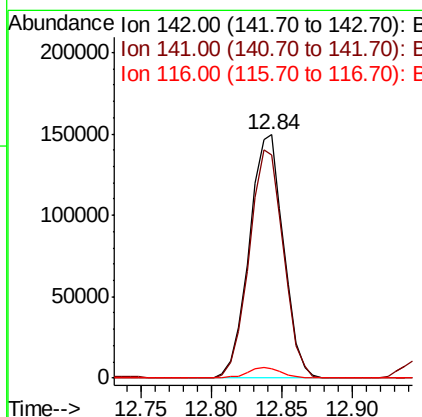
Manual Integrations
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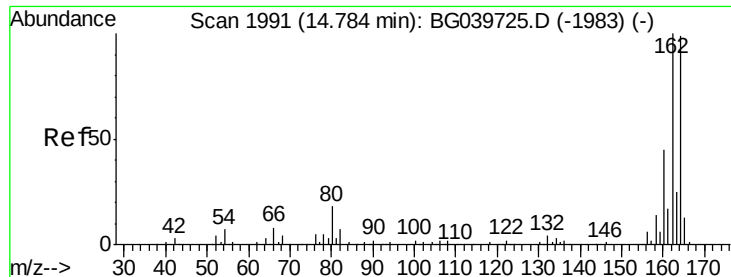
Sohil
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#38
1-Methylnaphthalene
Concen: 36.733 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

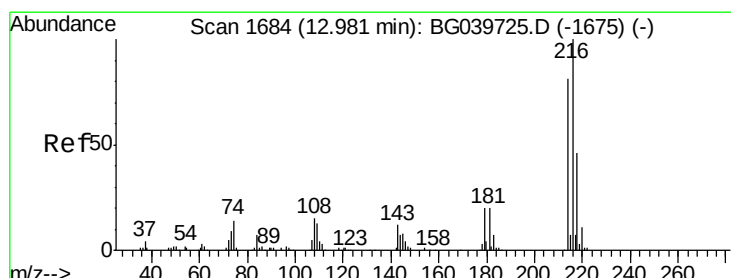
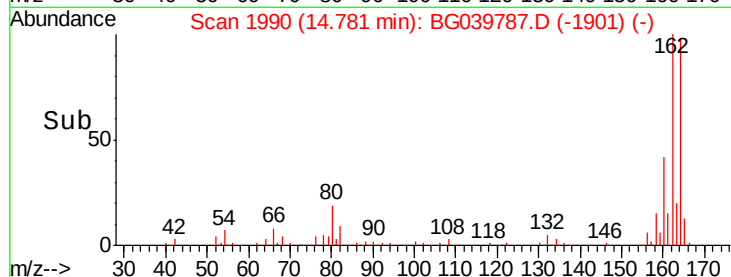
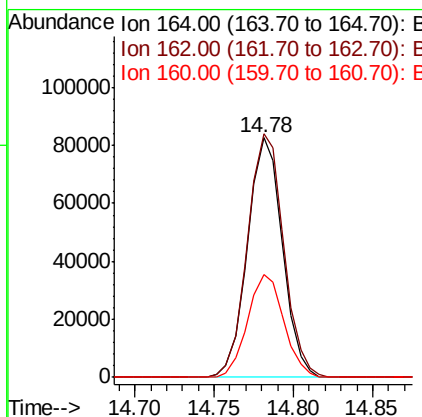
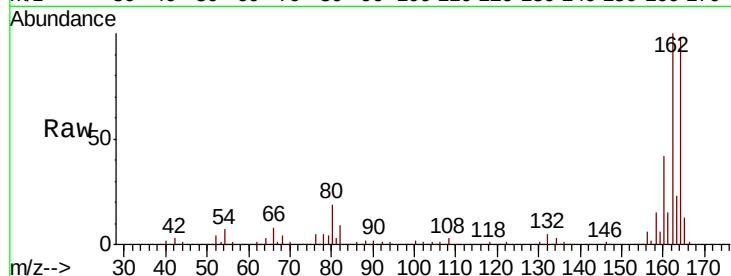
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	164	Resp:	126538
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.6	122.4
160	42.7	34.2	51.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.161 ng

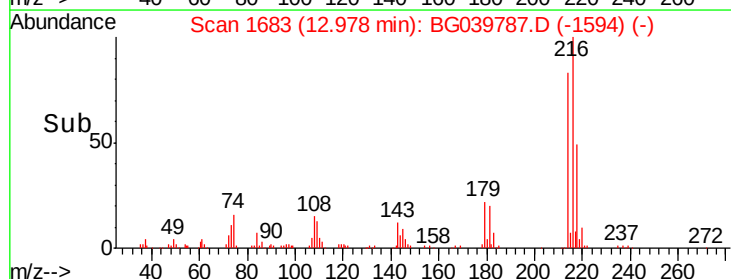
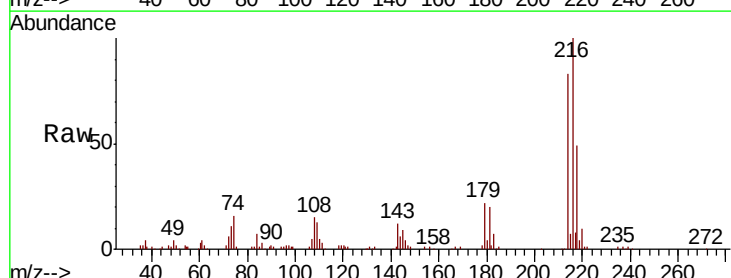
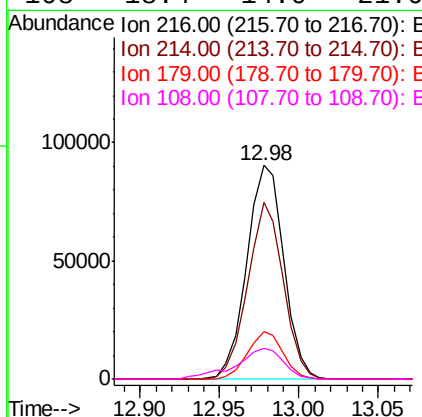
RT: 12.98 min Scan# 1683

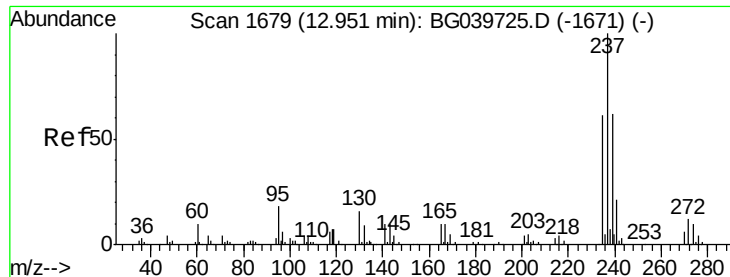
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	216	Resp:	146442
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.6	94.0
179	21.0	16.6	25.0
108	18.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 70.608 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

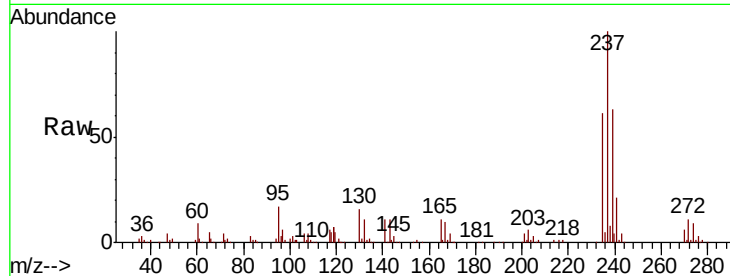
ClientSampleId :

PST-028-SW063-022719MSD

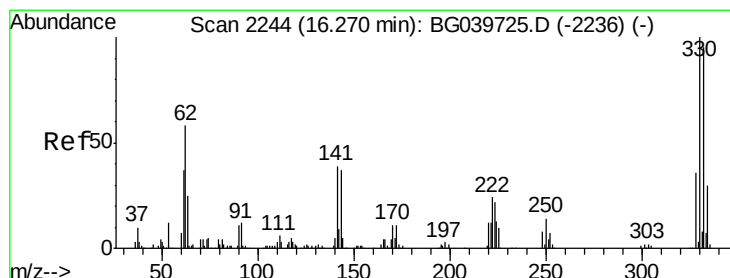
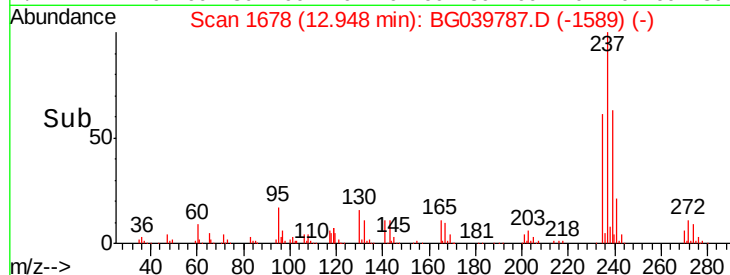
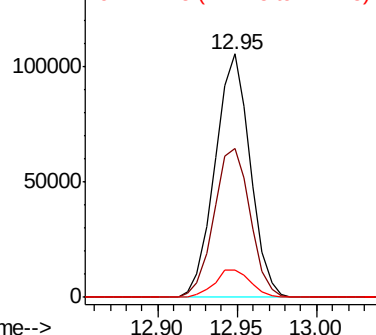
Tot Ion:	237	Resp:	162208
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.3	83.3
272	11.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 124.556 ng

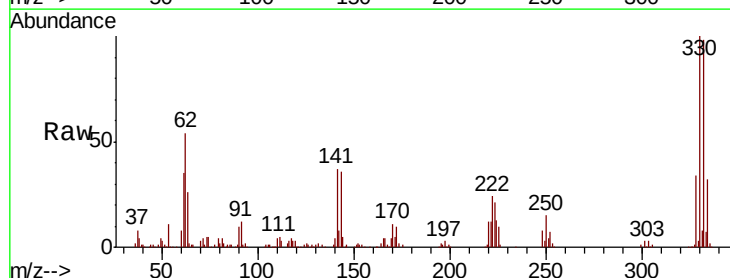
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

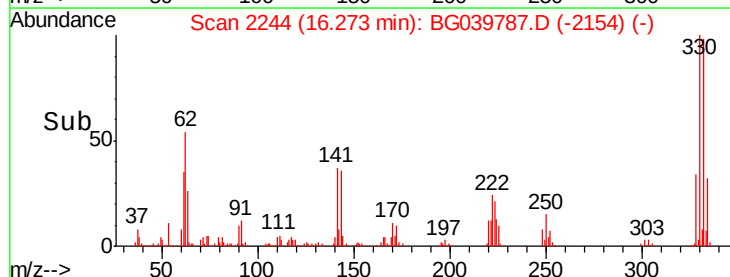
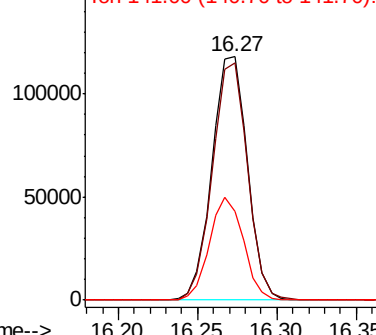
Lab File: BG039787.D

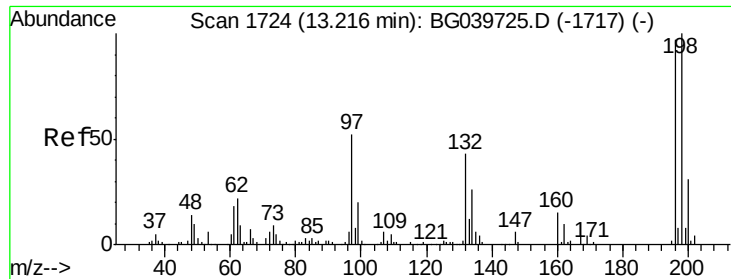
Acq: 6 Mar 2019 14:49

Tgt Ion:	330	Resp:	183707
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.7	113.5
141	40.6	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





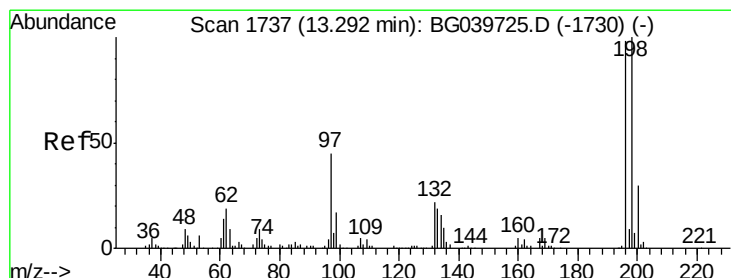
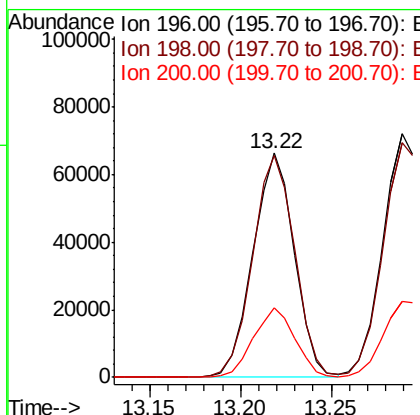
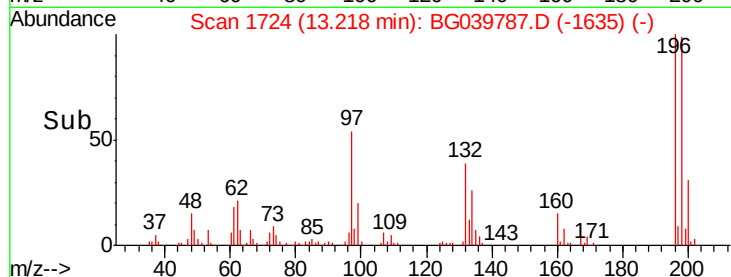
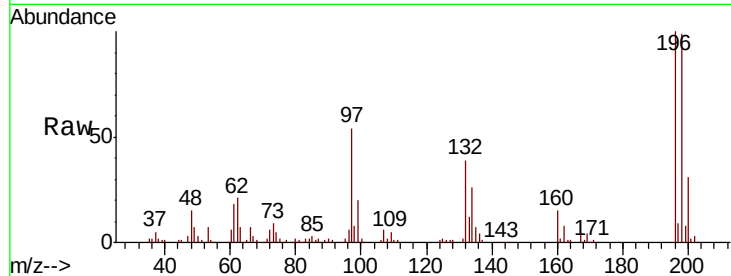
#43
2,4,6-Trichlorophenol
Concen: 42.205 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105923		
198	99.0	80.6	121.0	
200	31.1	26.1	39.1	

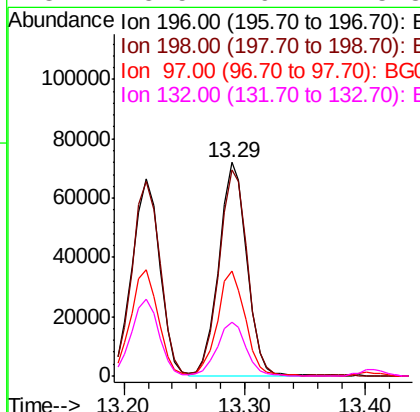
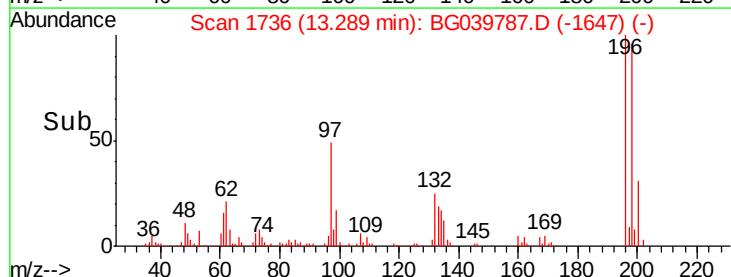
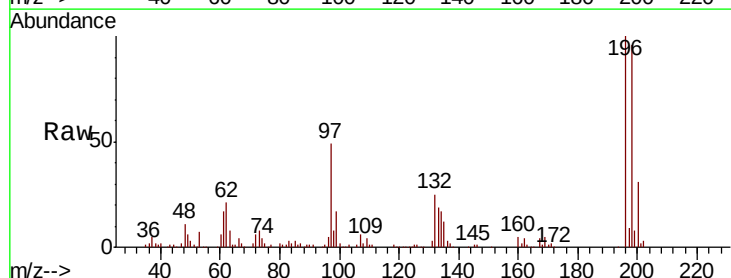
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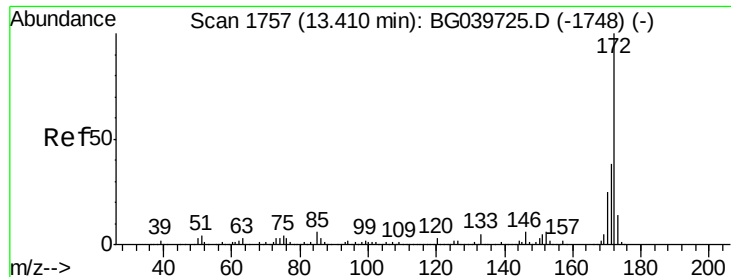
Sohil
3/7/2019 3:42:39 PM



#44
2,4,5-Trichlorophenol
Concen: 41.229 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116634		
198	96.3	78.5	117.7	
97	48.9	38.4	57.6	
132	25.5	19.2	28.8	





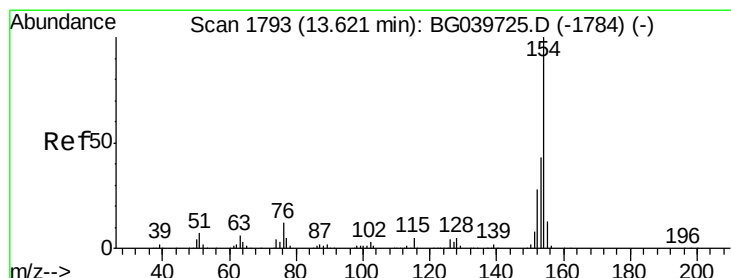
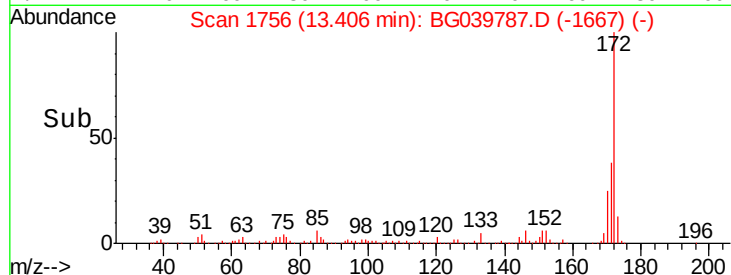
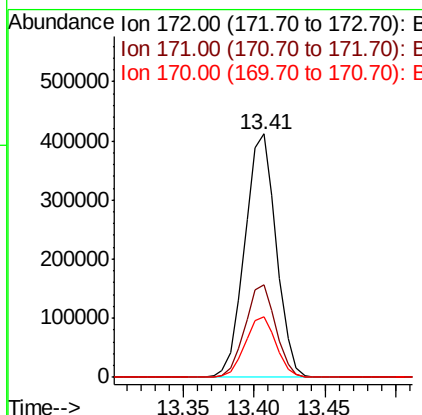
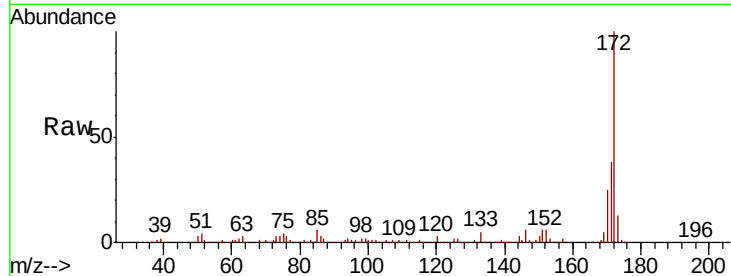
#45
2-Fluorobiphenyl
Concen: 72.100 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.0	20.2	30.4

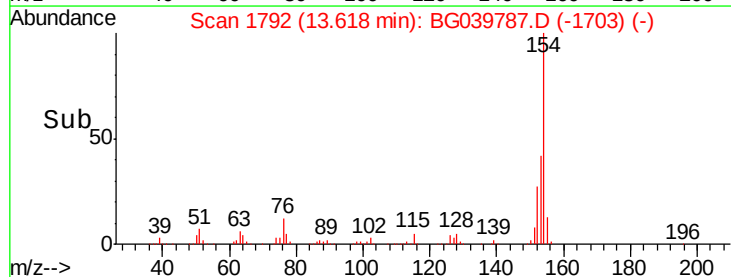
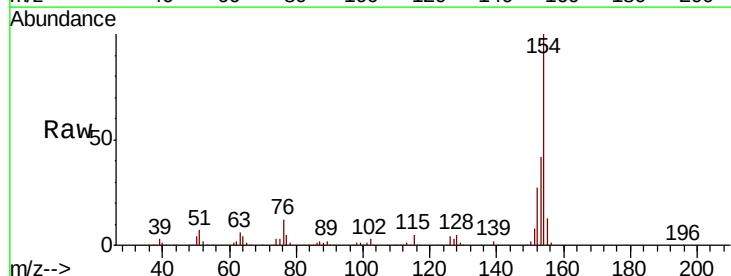
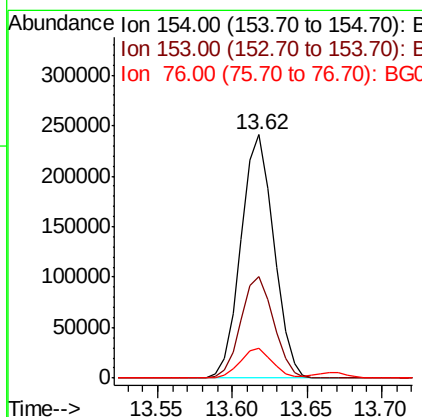
Manual Integrations
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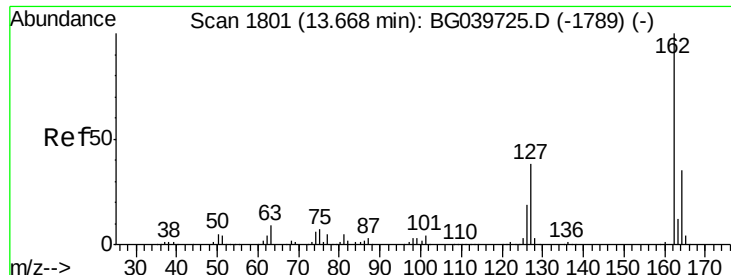
Sohil
3/7/2019 3:42:39 PM



#46
1,1'-Biphenyl
Concen: 35.304 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	12.1	0.0	32.4





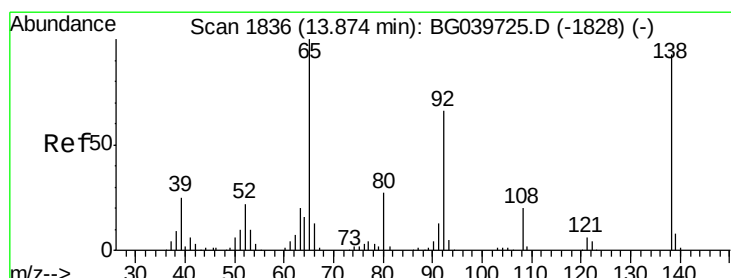
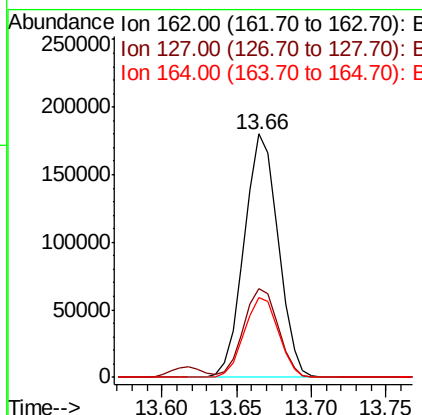
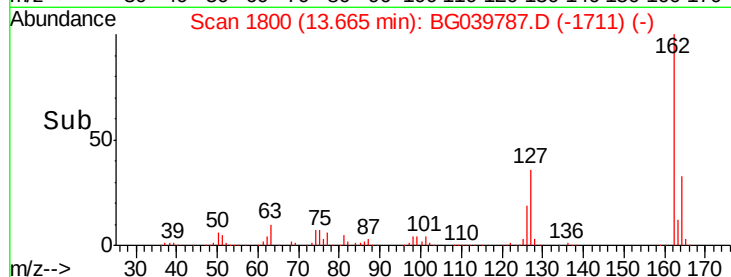
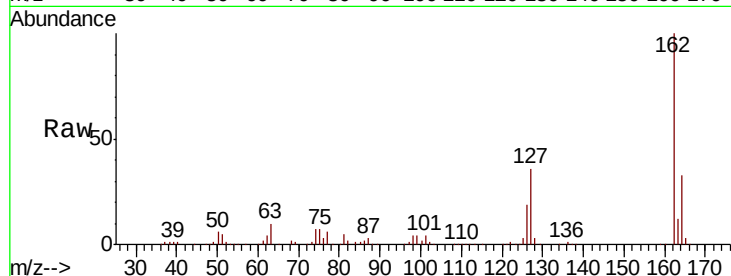
#47
 2-Chloronaphthalene
 Concen: 36.249 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	31.0	46.6
164	32.7	25.7	38.5

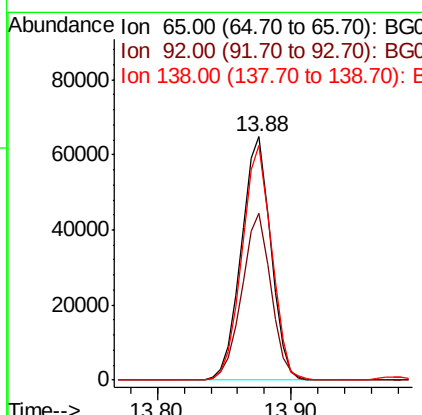
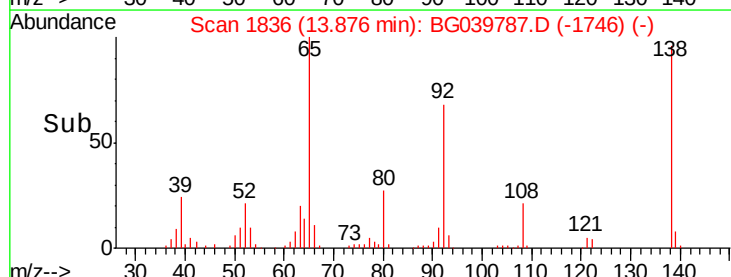
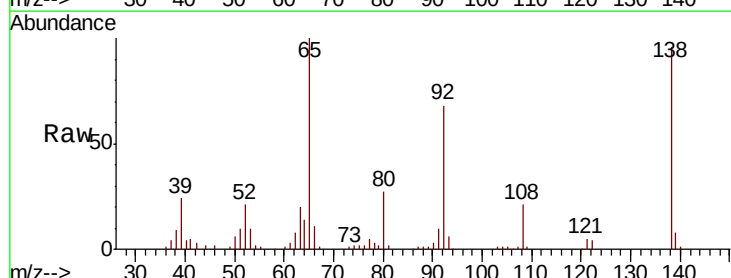
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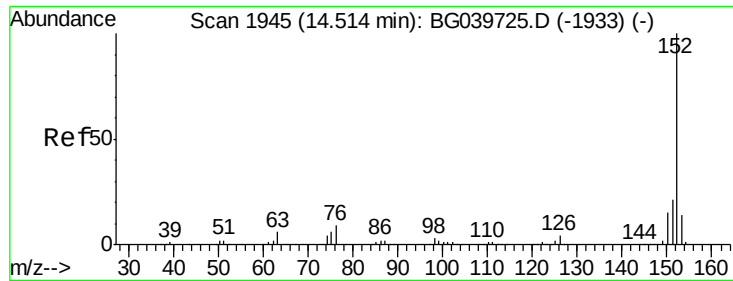
Sohil
 3/7/2019 3:42:39 PM



#48
 2-Nitroaniline
 Concen: 39.316 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	51.4	77.2
138	96.4	71.4	107.2





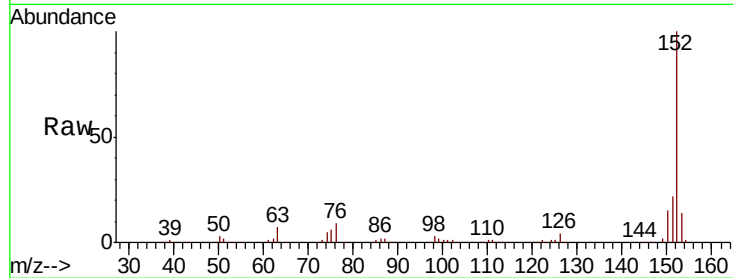
#49
Acenaphthylene
Concen: 35.598 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	14.0	11.7	17.5

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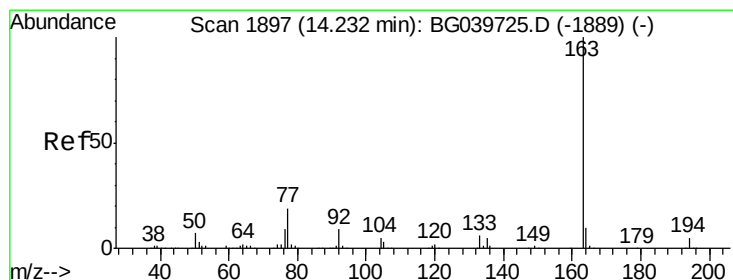
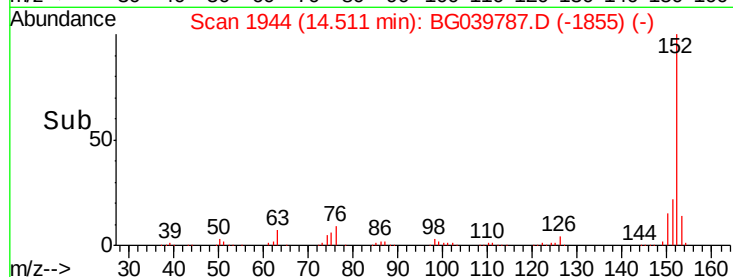
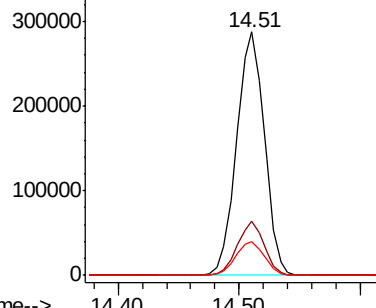


Abundance

Ion 152.00 (151.70 to 152.70): E

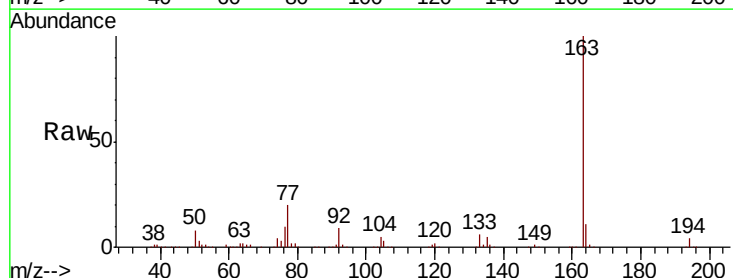
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 41.226 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.7	8.4	12.6

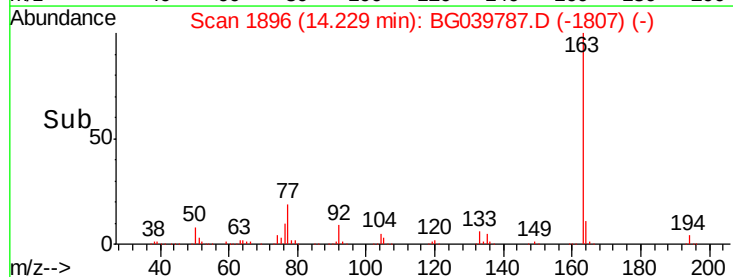
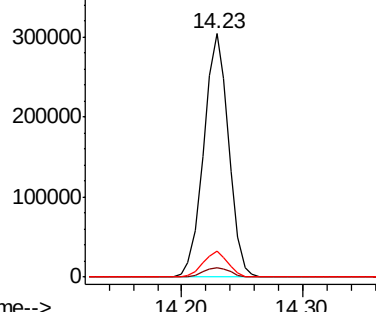


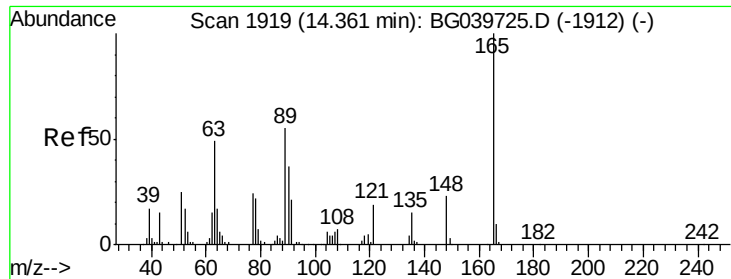
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





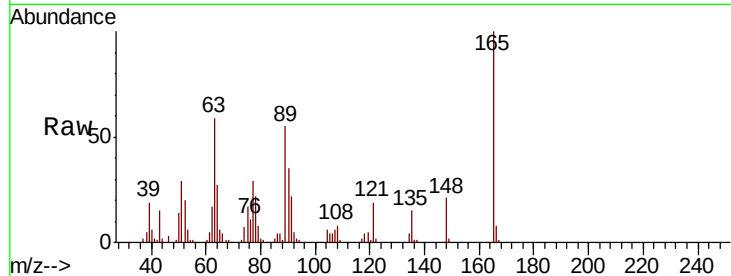
#51
 2,6-Dinitrotoluene
 Concen: 38.769 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

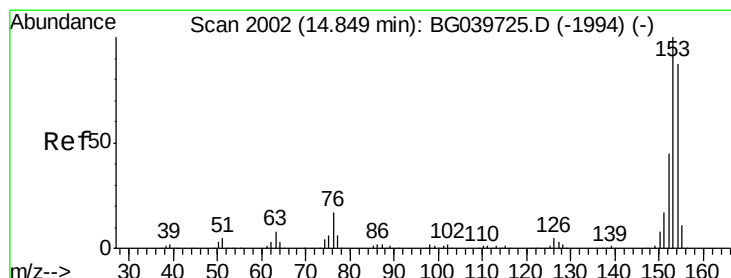
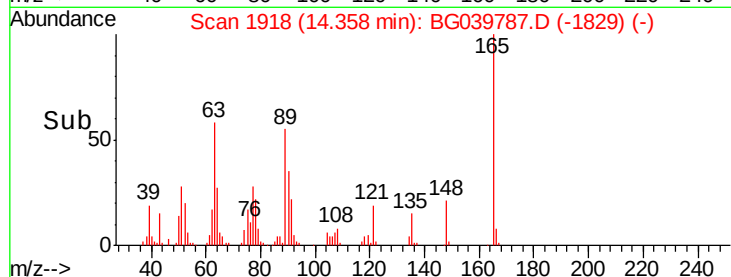
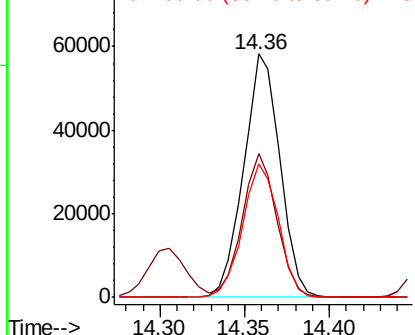
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	47.0	70.6
89	54.7	45.8	68.8

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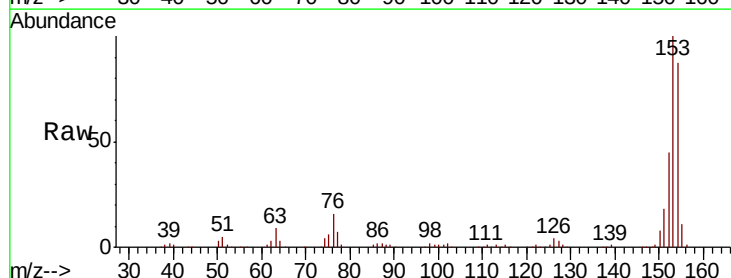


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

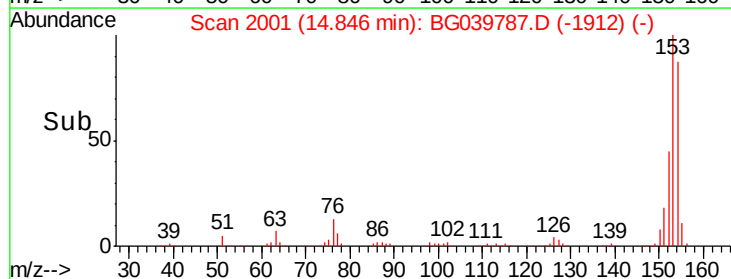
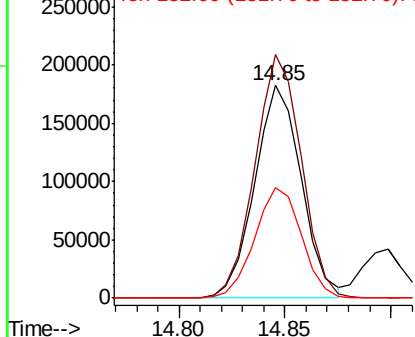


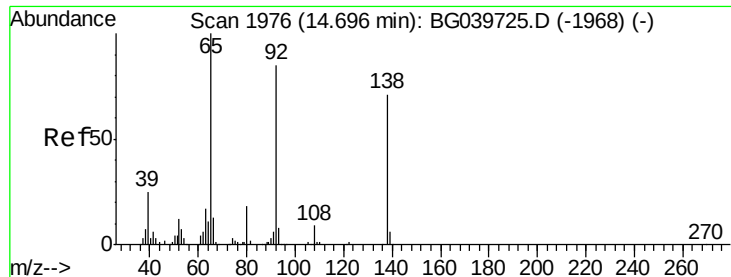
#52
 Acenaphthene
 Concen: 36.273 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.1	135.1
152	51.7	40.9	61.3



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





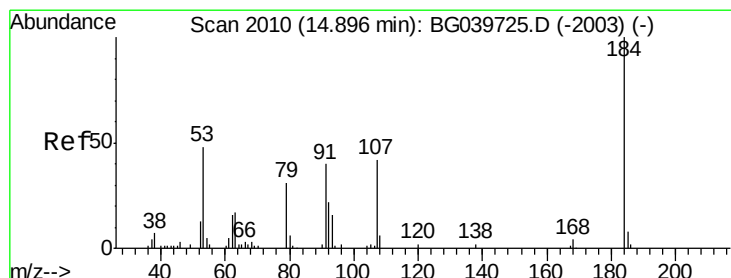
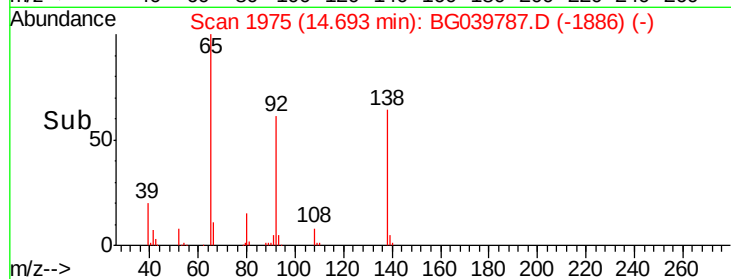
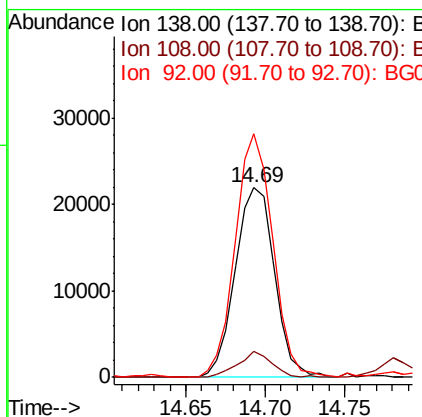
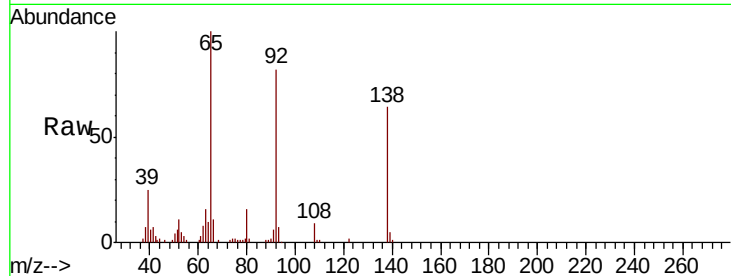
#53
3-Nitroaniline
Concen: 16.776 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.7	13.8	20.8#
92	128.6	103.7	155.5

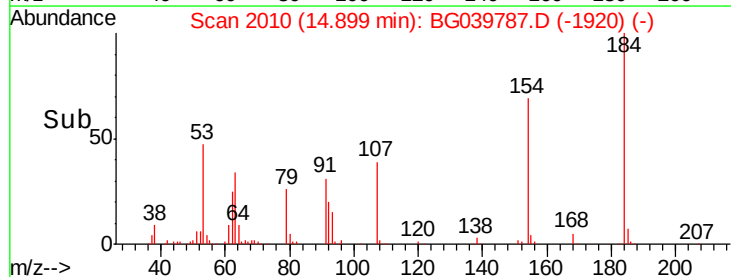
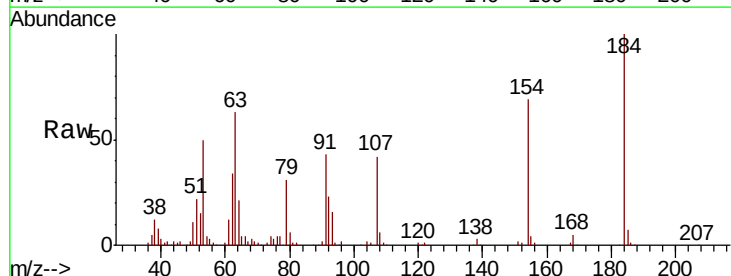
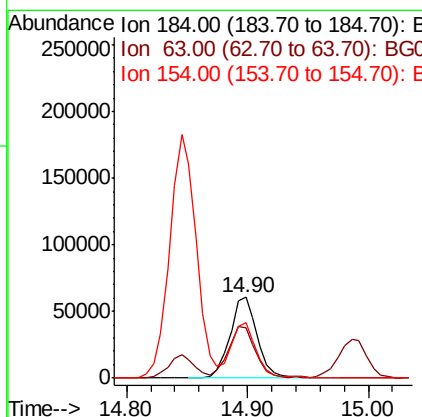
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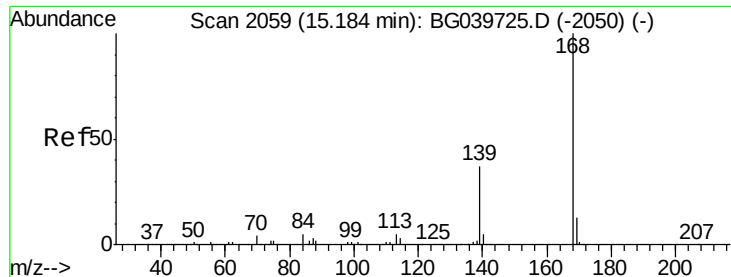
Sohil
3/7/2019 3:42:39 PM



#54
2,4-Dinitrophenol
Concen: 68.454 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	50.9	76.3
154	68.5	53.0	79.6





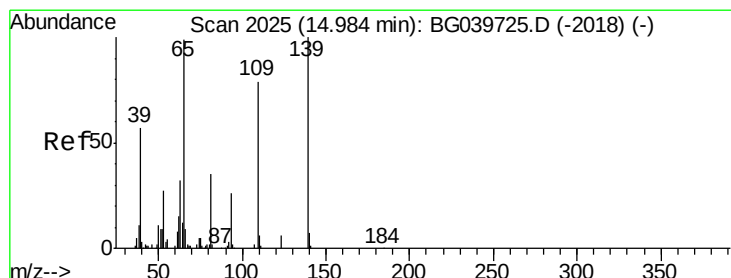
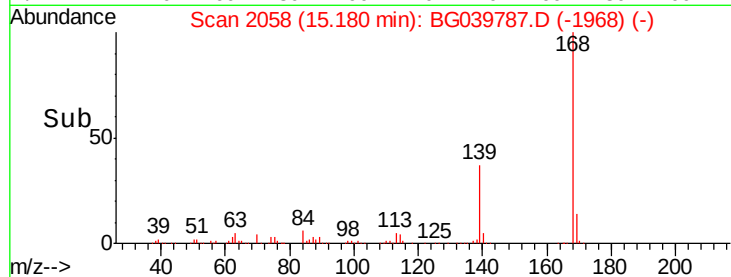
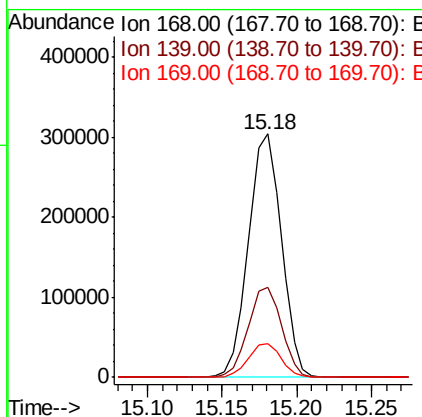
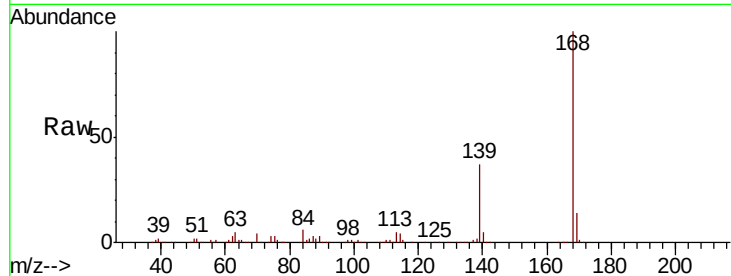
#55
Dibenzenofuran
Concen: 36.590 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.6	10.6	16.0

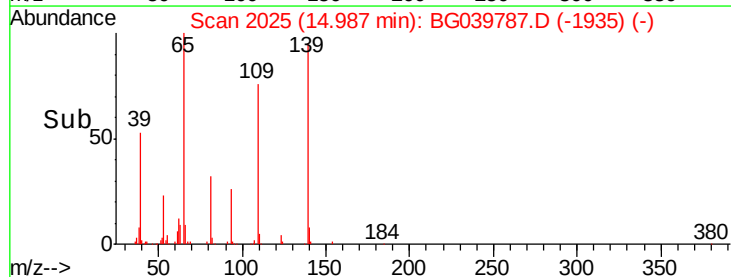
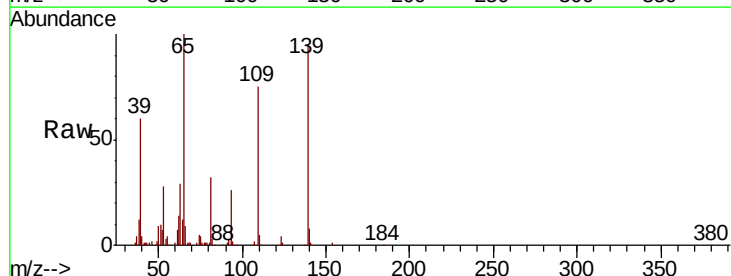
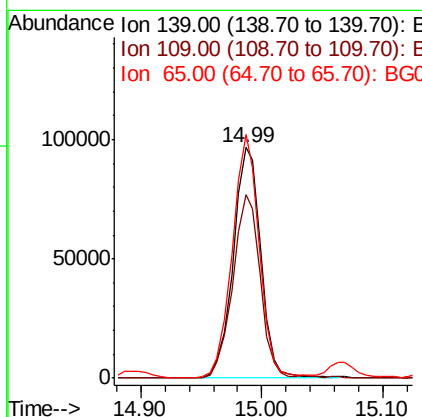
Manual Integrations
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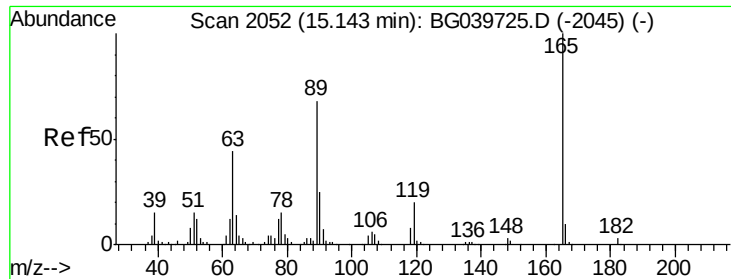
Sohil
3/7/2019 3:42:39 PM



#56
4-Nitrophenol
Concen: 76.029 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.4	61.9	101.9
65	105.7	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 38.675 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

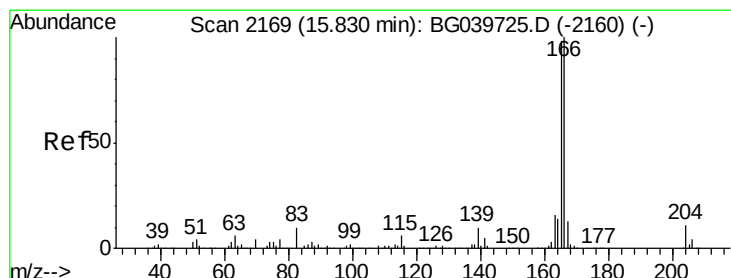
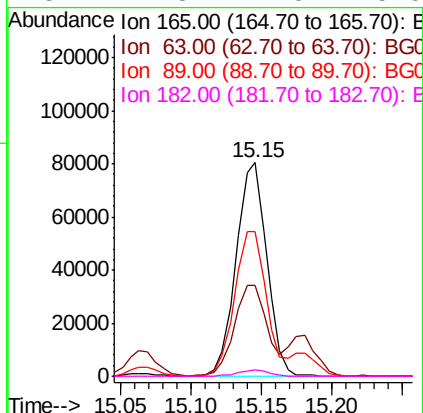
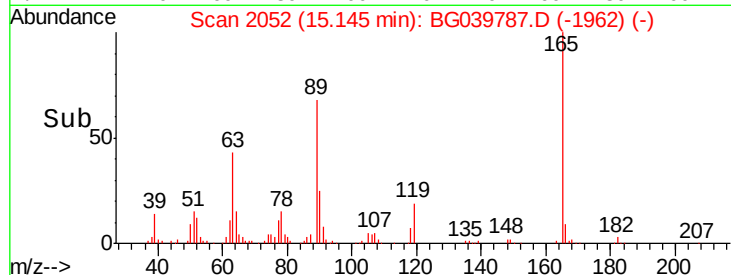
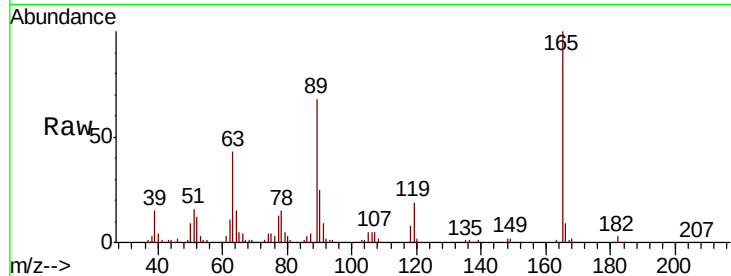
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	121898		
63	42.6		41.0	61.6
89	67.8		64.6	96.8
182	2.8		2.0	3.0

Manual Integrations
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3/7/2019 3:42:39 PM



#58

Fluorene

Concen: 36.733 ng

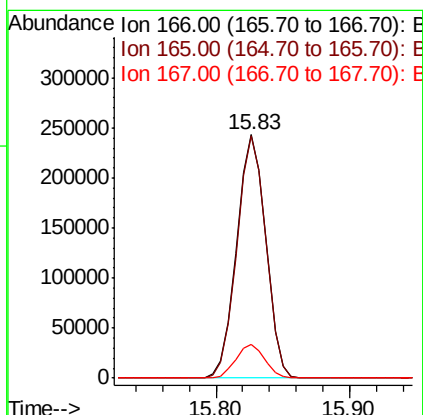
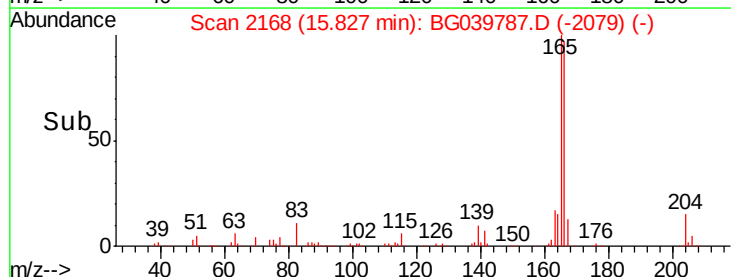
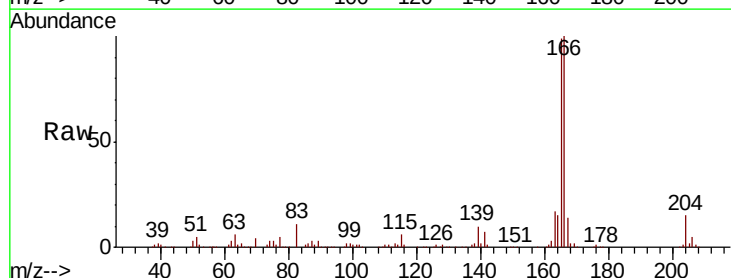
RT: 15.83 min Scan# 2168

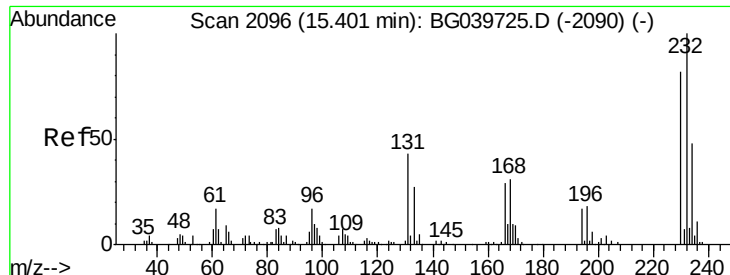
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	366512		
165	99.3		77.9	116.9
167	14.0		10.8	16.2





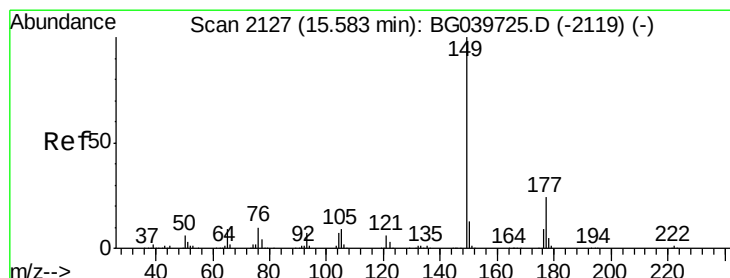
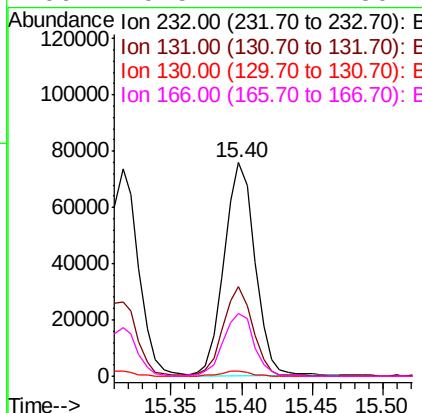
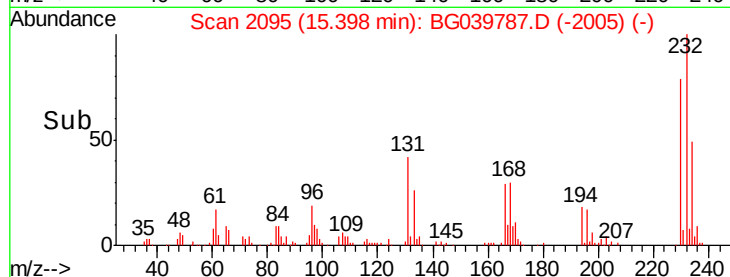
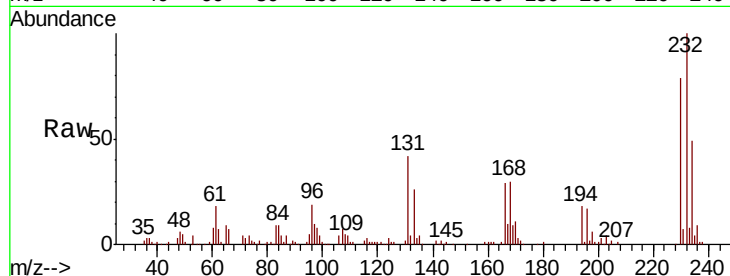
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.847 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	115614		
131	41.1	34.9	52.3	
130	2.2	2.0	3.0	
166	29.5	24.1	36.1	

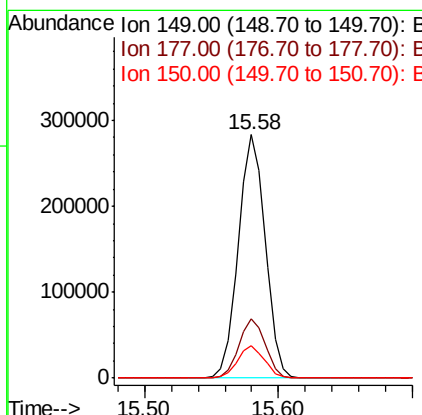
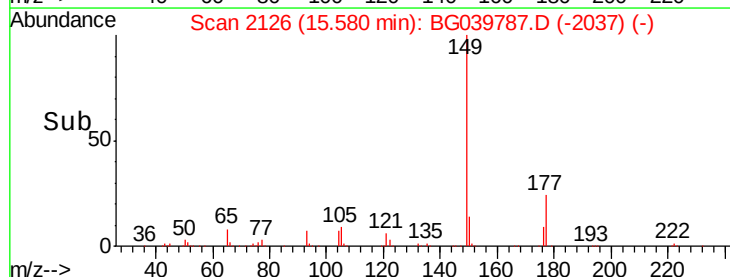
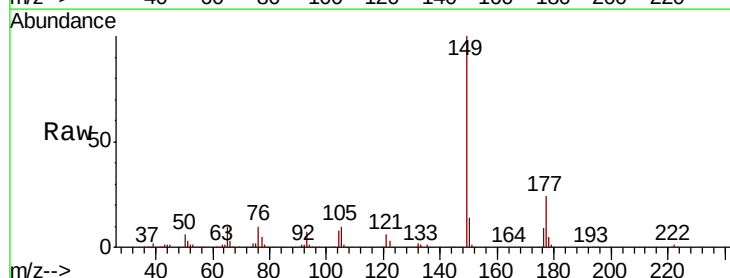
Manual Integrations
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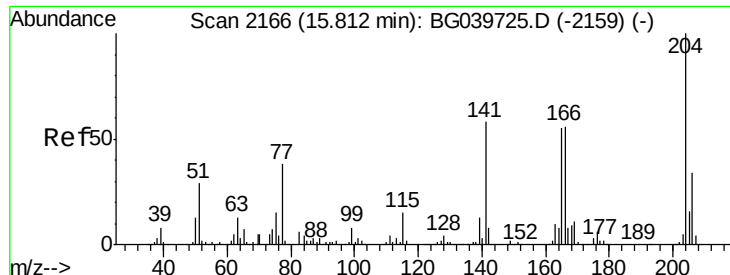
Sohil
 3/7/2019 3:42:39 PM



#60
 Diethylphthalate
 Concen: 37.545 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	393261		
177	24.5	18.3	27.5	
150	13.5	10.2	15.2	





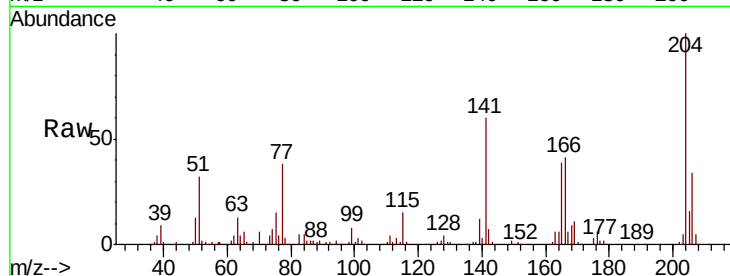
#61
 4-Chlorophenyl-phenylether
 Concen: 36.871 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	34.0	29.2	43.8
141	59.6	49.0	73.4

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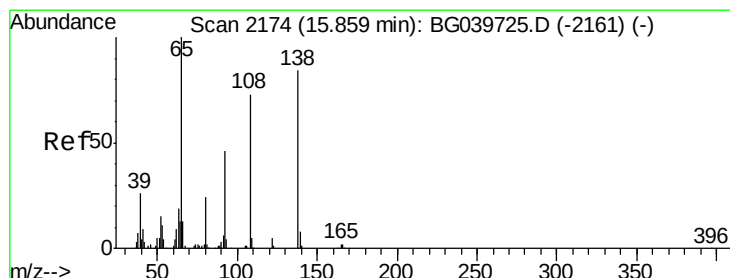
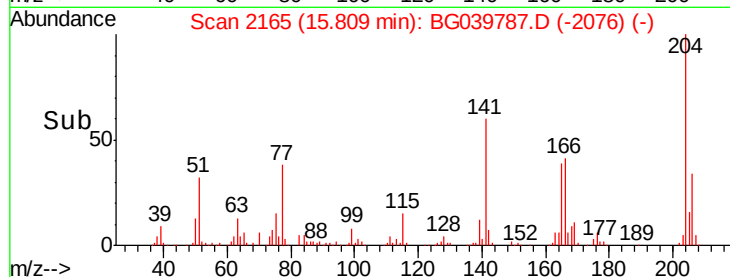
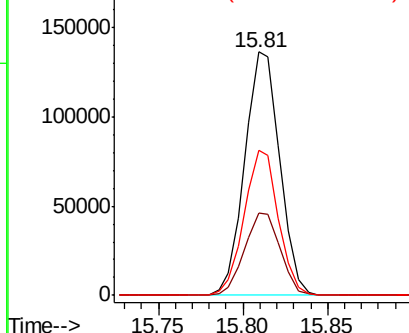


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 37.020 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

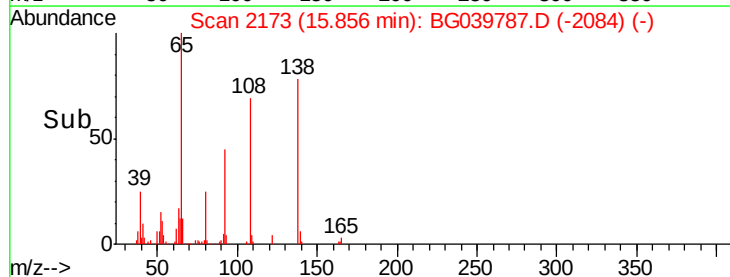
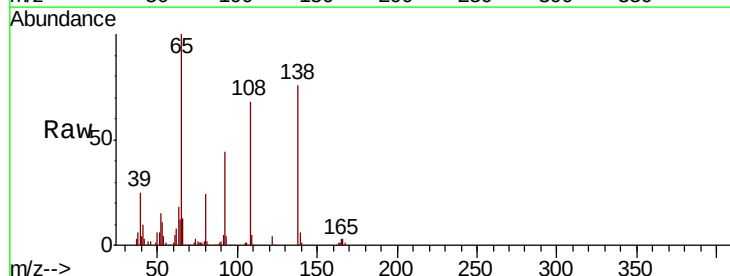
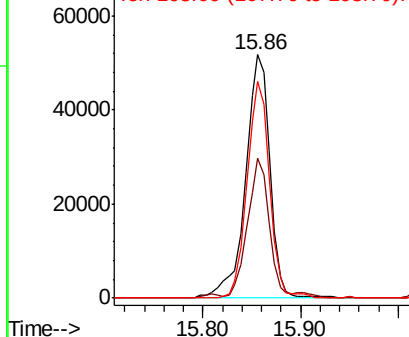
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	57.4	38.7	78.7
108	89.2	74.6	114.6

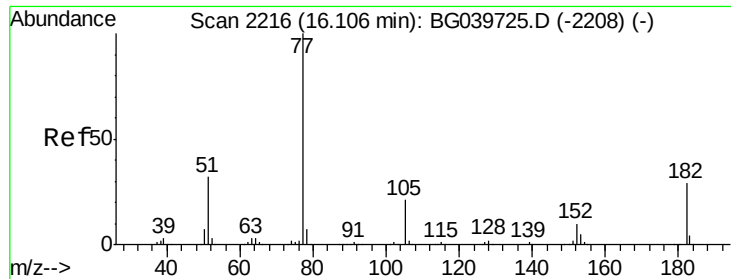
Abundance

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





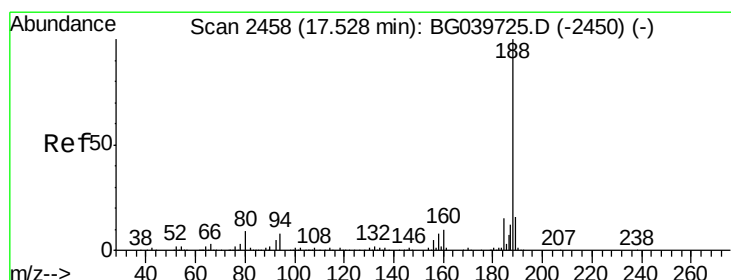
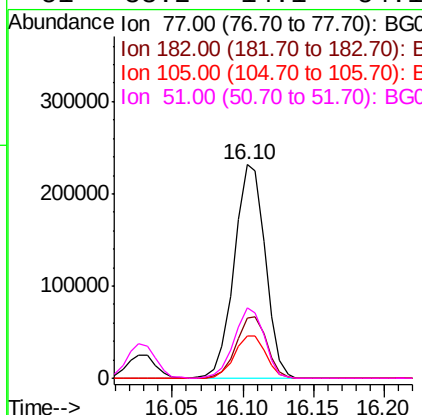
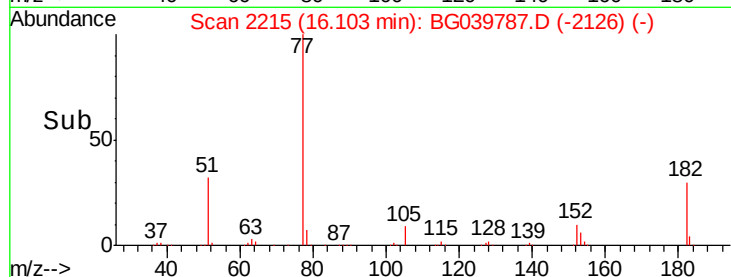
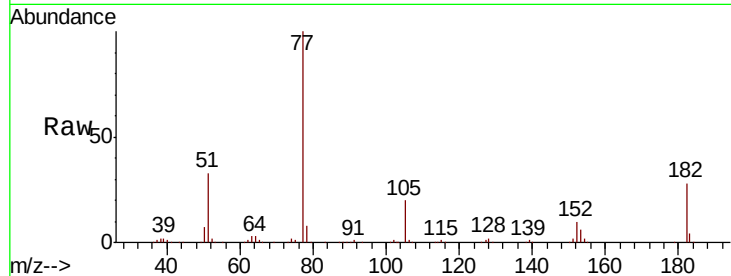
#63
Azobenzene
Concen: 37.380 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	6.4	46.4	
105	20.0	0.0	39.8	
51	33.2	14.1	54.1	

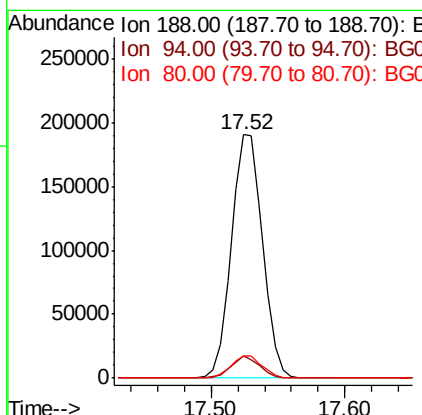
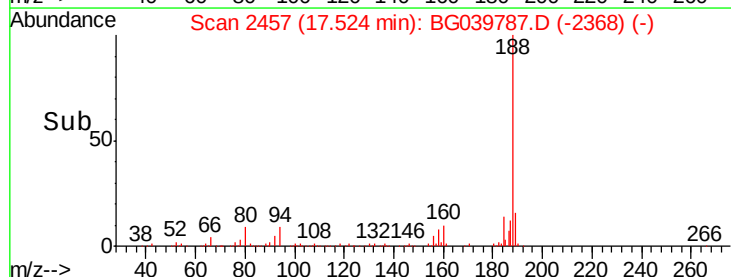
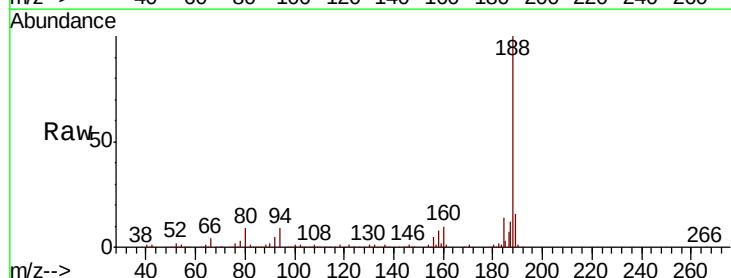
Manual Integrations
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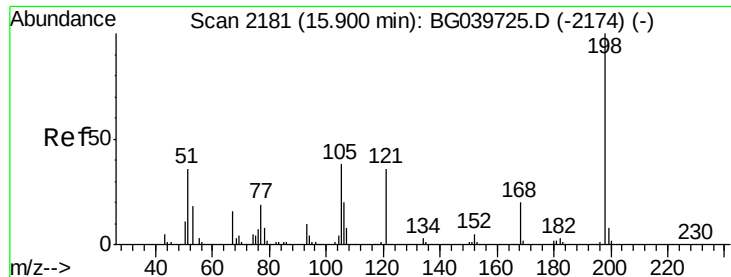
Sohil
3/7/2019 3:42:39 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	6.9	10.3	
80	9.1	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.797 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

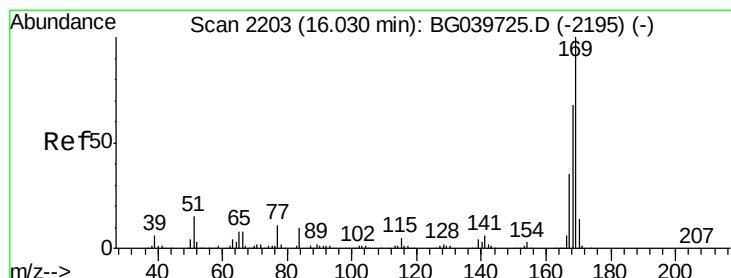
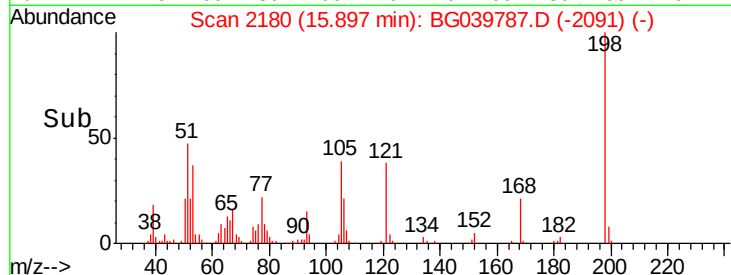
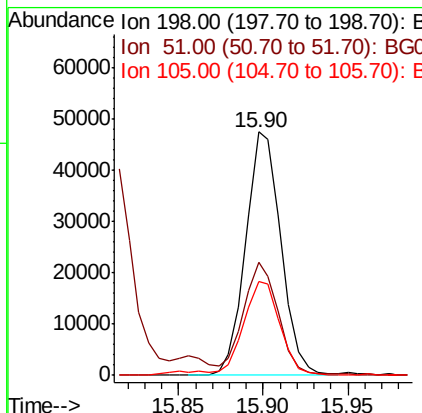
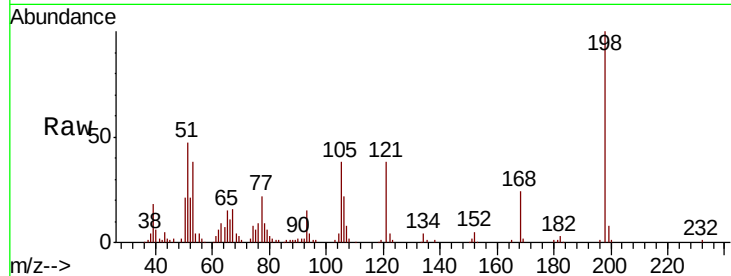
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	198	Resp:	68862
Ion Ratio	Lower	Upper	
198	100		
51	46.6	27.4	67.4
105	38.5	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.707 ng

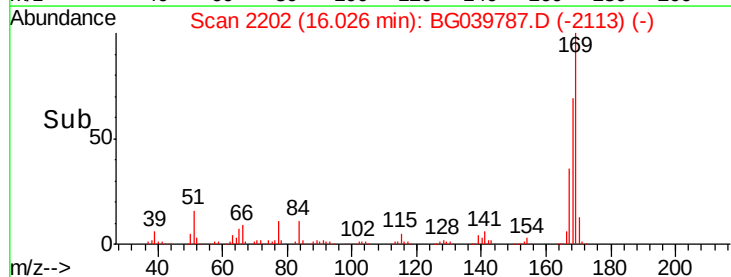
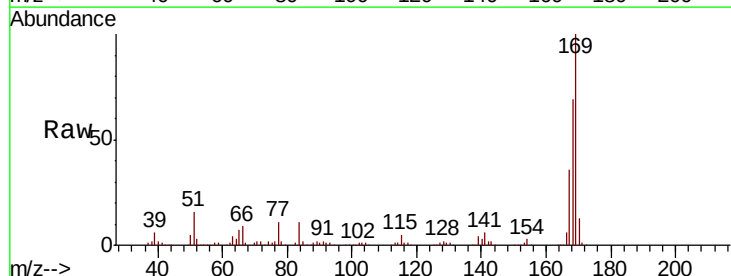
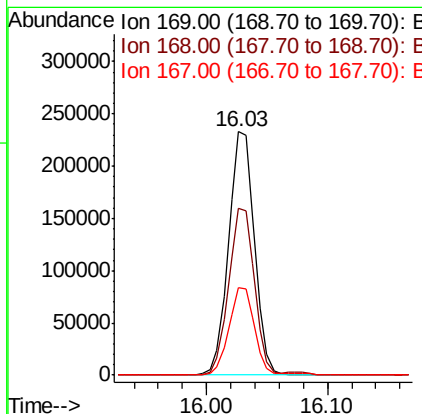
RT: 16.03 min Scan# 2202

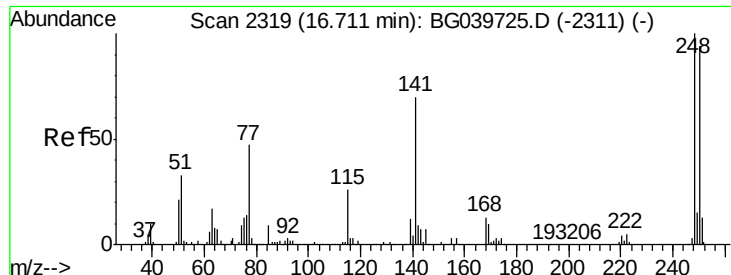
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	169	Resp:	345280
Ion Ratio	Lower	Upper	
169	100		
168	68.7	56.6	85.0
167	36.1	28.8	43.2





#67

4-Bromophenyl-phenylether

Concen: 36.580 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

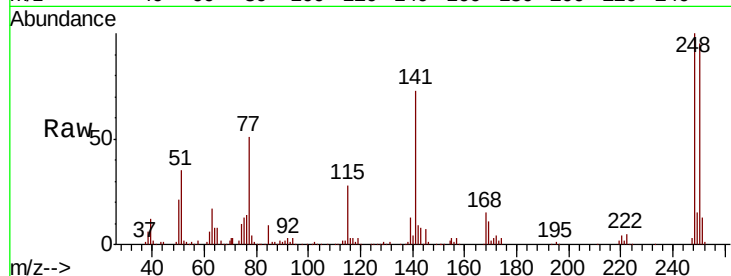
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	248	Resp:	126164
Ion Ratio	Lower	Upper	
248	100		
250	95.2	77.6	116.4
141	73.0	63.9	95.9

Manual Integrations
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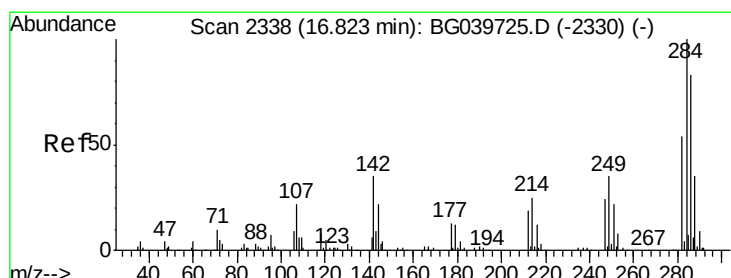
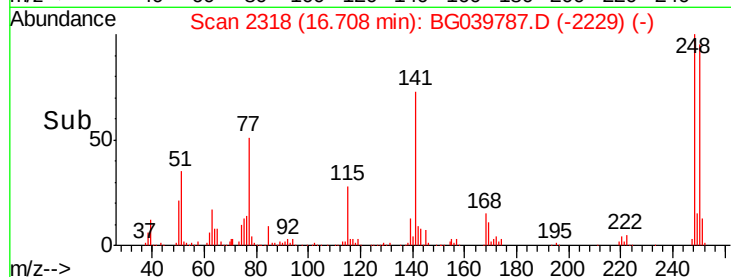
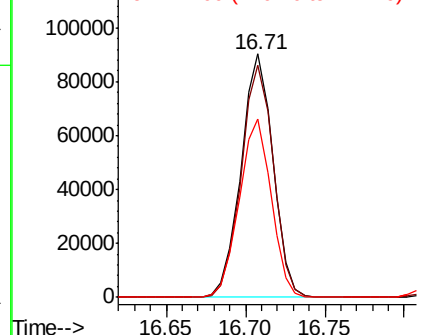


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.699 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

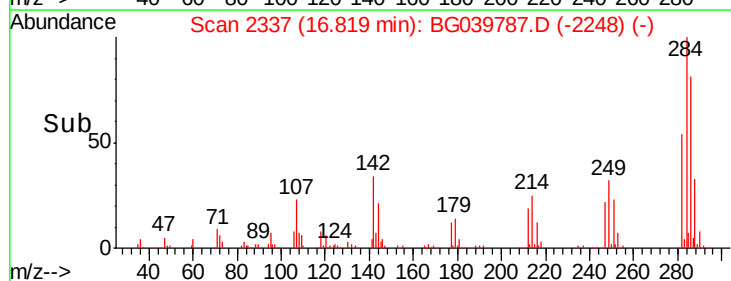
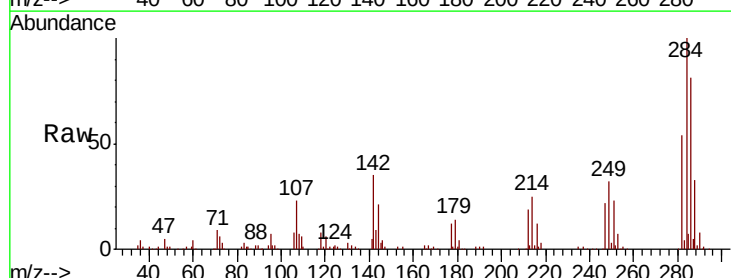
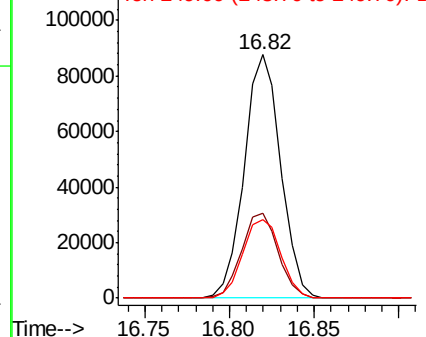
Tgt Ion:	284	Resp:	131203
Ion Ratio	Lower	Upper	
284	100		
142	34.7	30.6	45.8
249	32.3	28.2	42.2

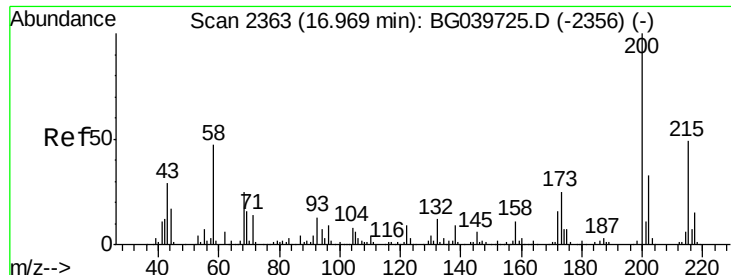
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





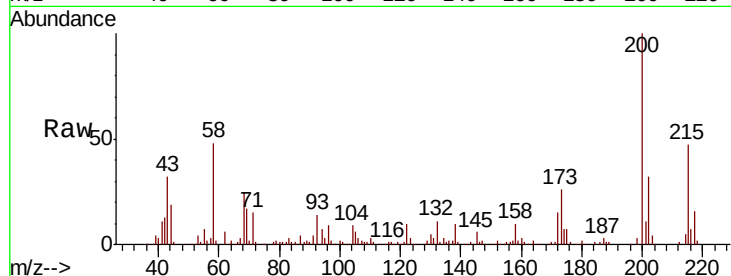
#69
 Atrazine
 Concen: 39.451 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	138502		
173	26.4	3.9	43.9	
215	47.1	30.9	70.9	

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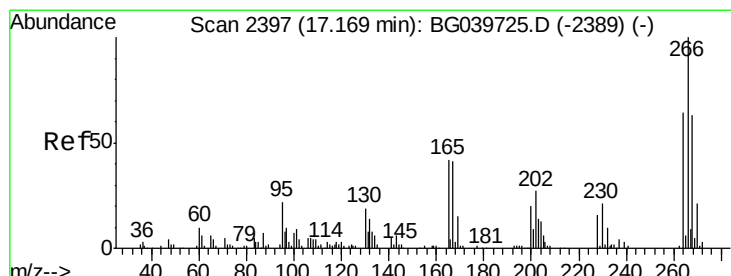
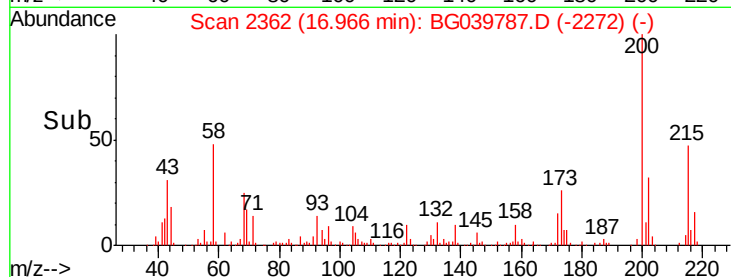
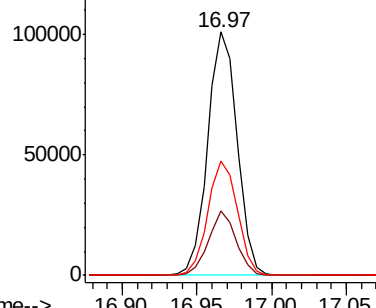


Abundance

Ion 200.00 (199.70 to 200.70): E

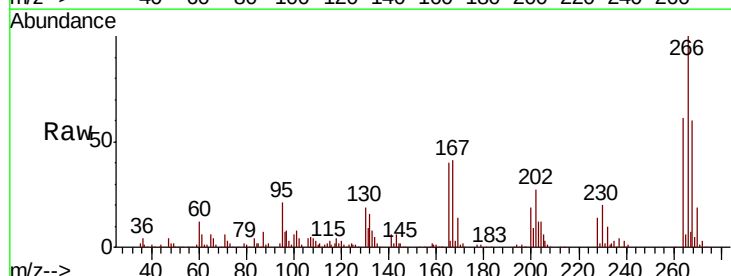
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 74.526 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	168271		
268	60.3	51.1	76.7	
264	61.5	52.1	78.1	

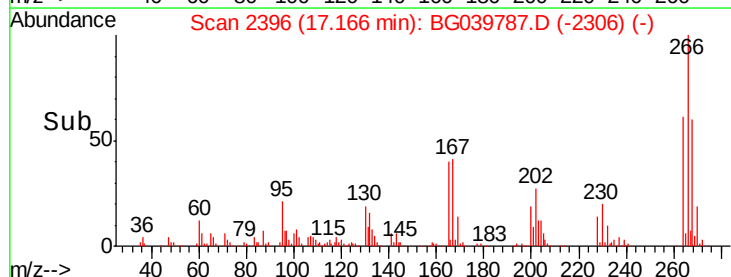
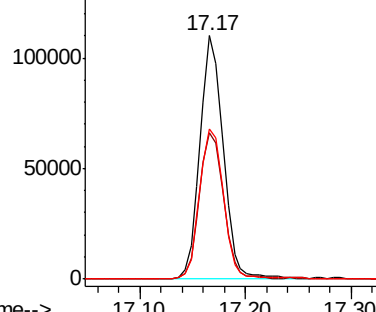


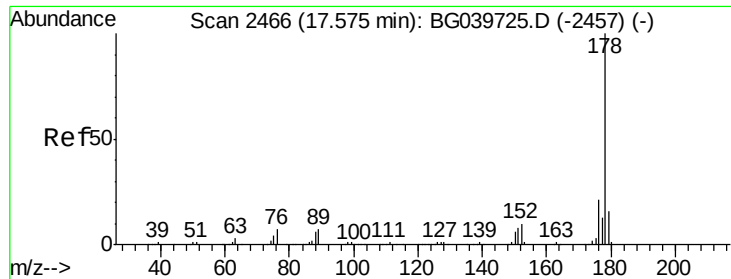
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





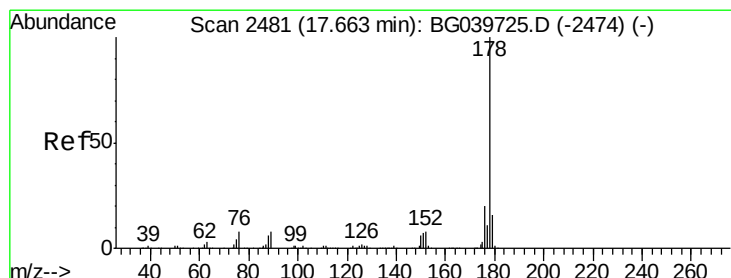
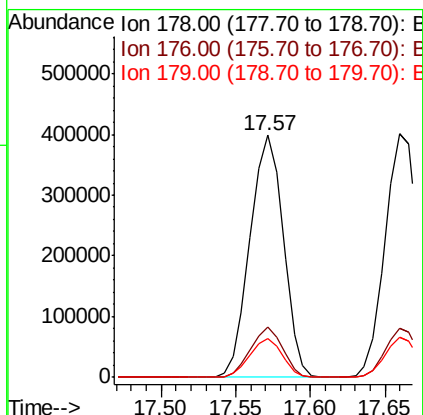
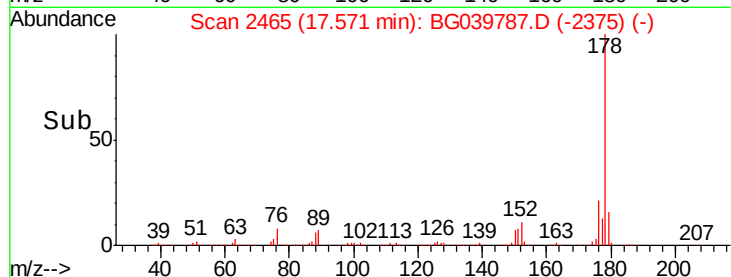
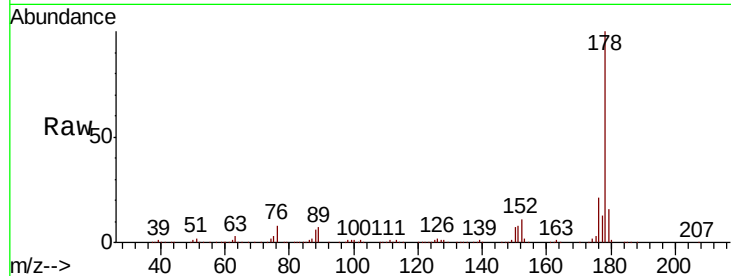
#71
Phenanthrene
Concen: 36.377 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.2	12.6	19.0

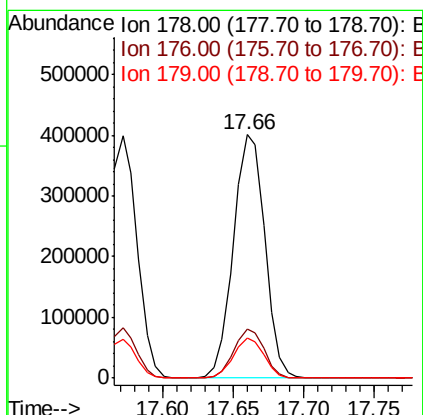
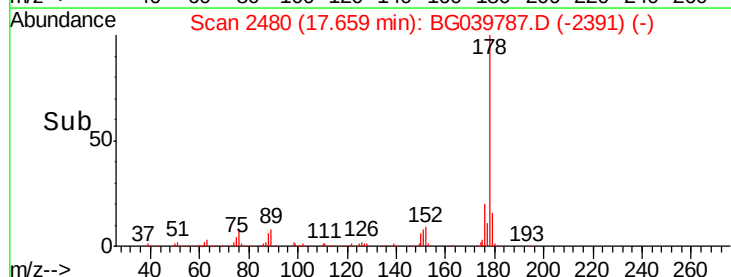
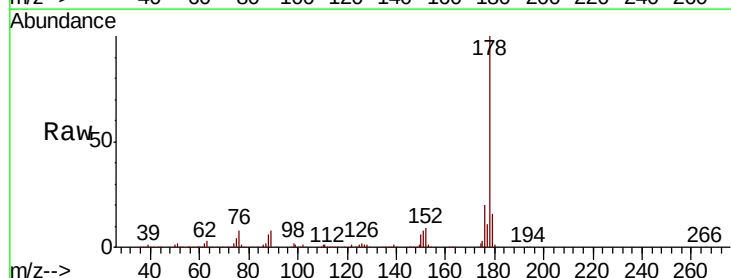
Manual Integrations
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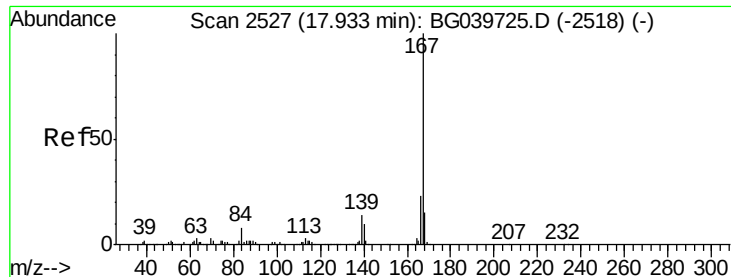
Sohil
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#72
Anthracene
Concen: 37.618 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.5	12.5	18.7





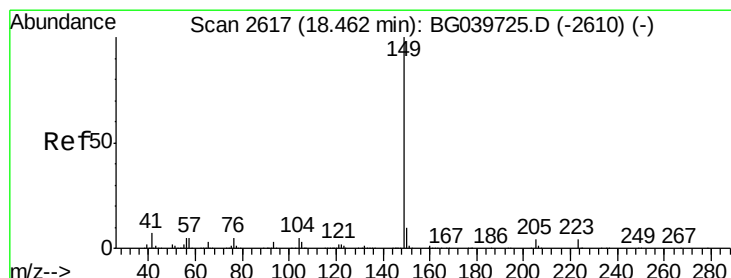
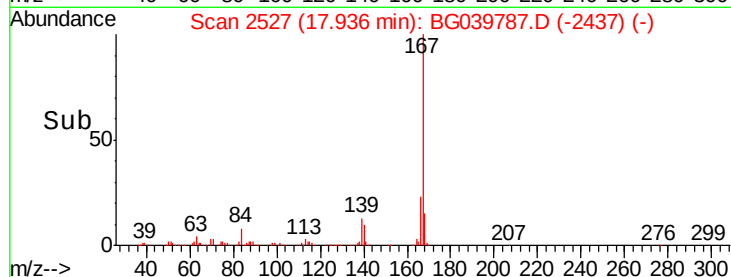
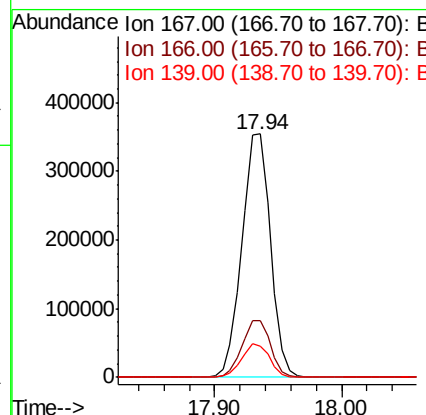
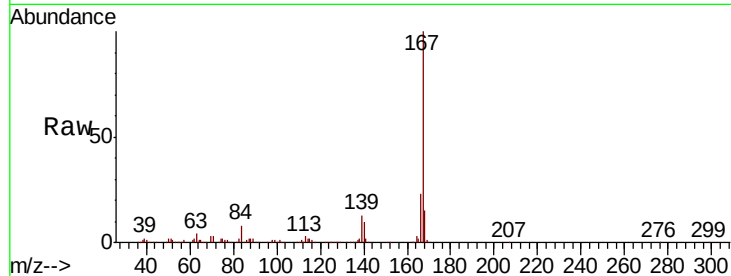
#73
 Carbazole
 Concen: 37.011 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.4	19.4	29.2	
139	12.8	10.8	16.2	

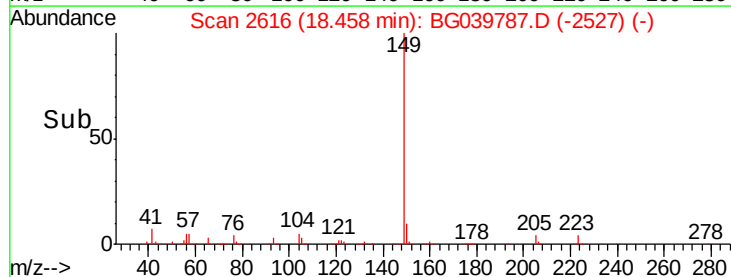
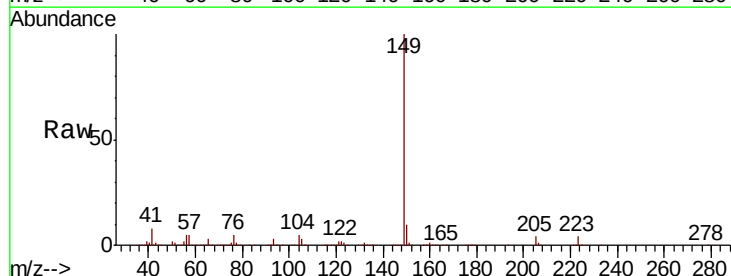
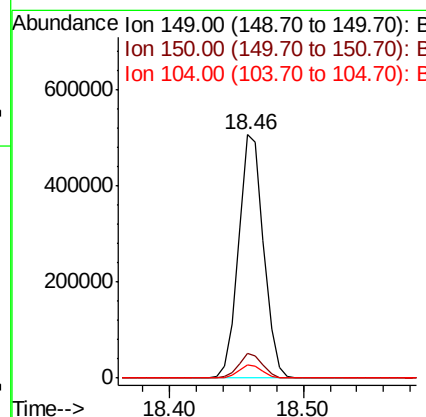
Manual Integrations
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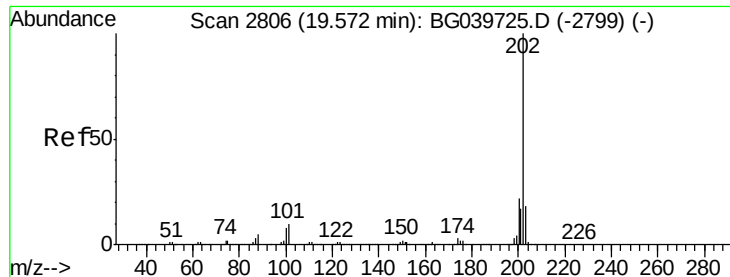
Sohil
 3/7/2019 3:42:39 PM



#74
 Di-n-butylphthalate
 Concen: 37.535 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039787.D
 Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	7.7	11.5	
104	5.4	4.5	6.7	





#75

Fluoranthene

Concen: 35.899 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

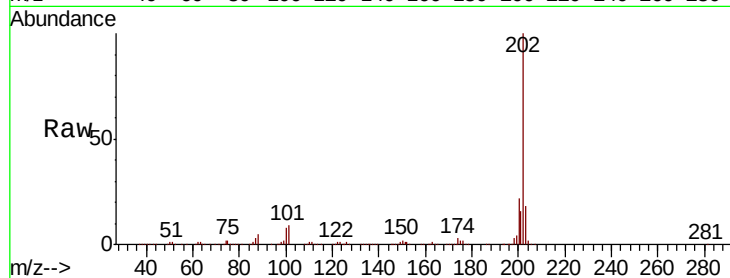
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		720072		
101	9.2	0.0	30.0		
203	18.3	0.0	38.9		

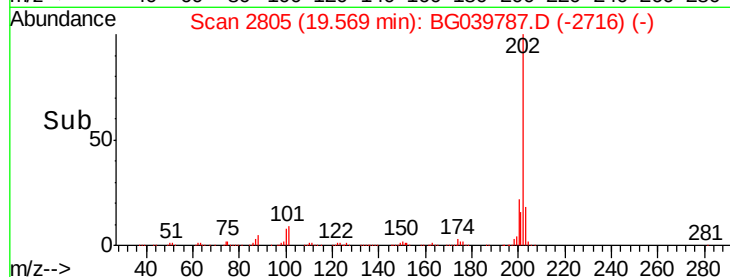
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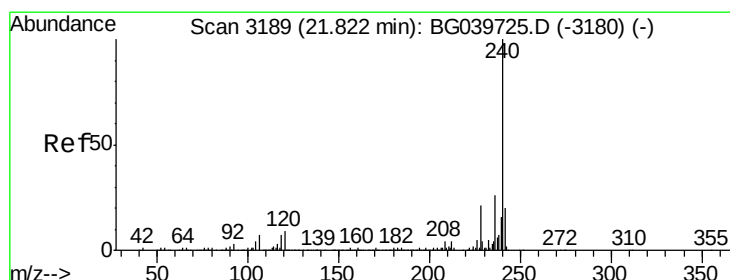


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.57



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

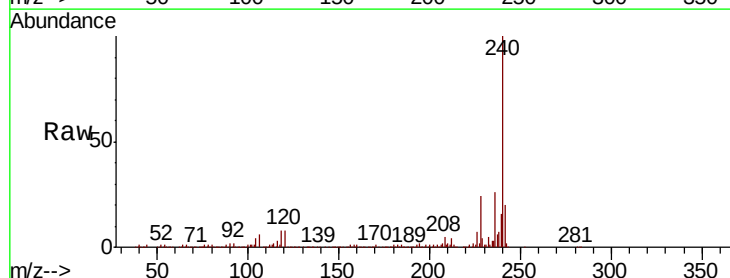
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039787.D

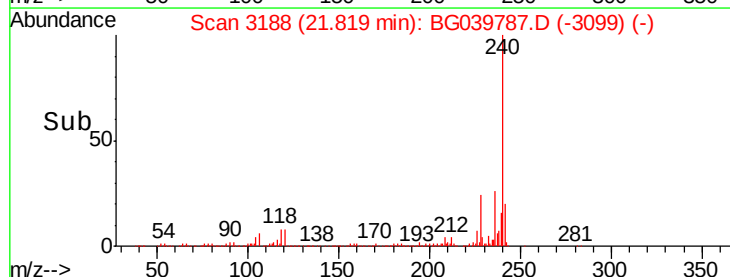
Acq: 6 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		297006		
120	8.2	7.0	10.6		
236	26.2	21.0	31.4		

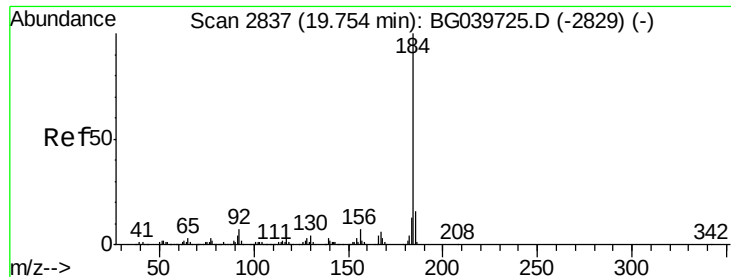


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.82



Time-->



#77

Benzidine

Concen: 14.818 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

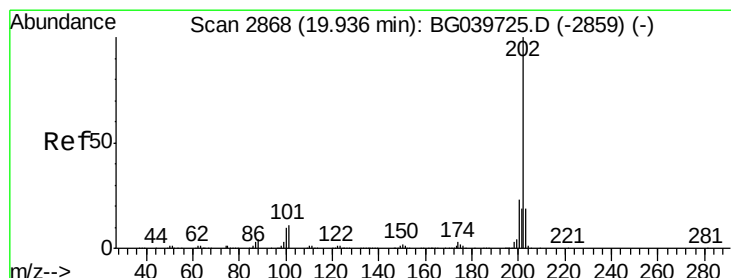
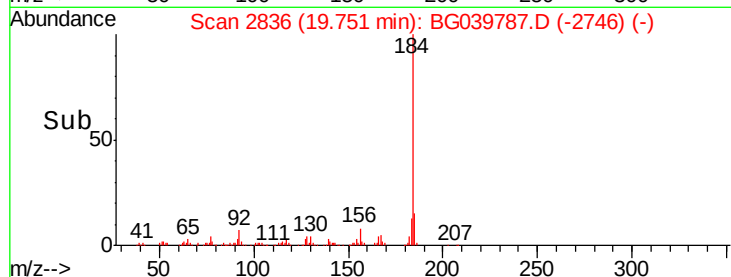
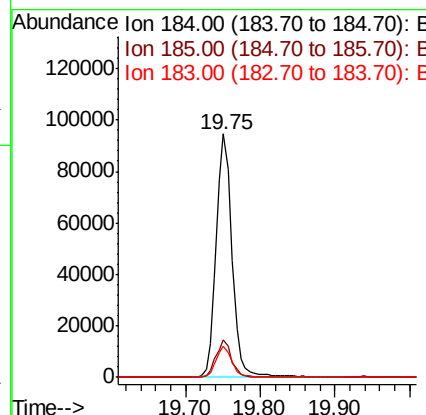
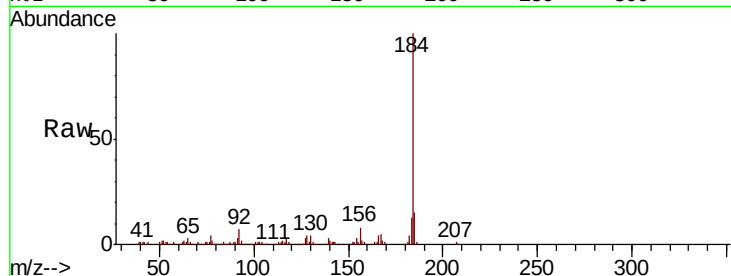
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	184	Resp:	139660
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	12.7	10.6	15.8

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#78

Pyrene

Concen: 37.121 ng

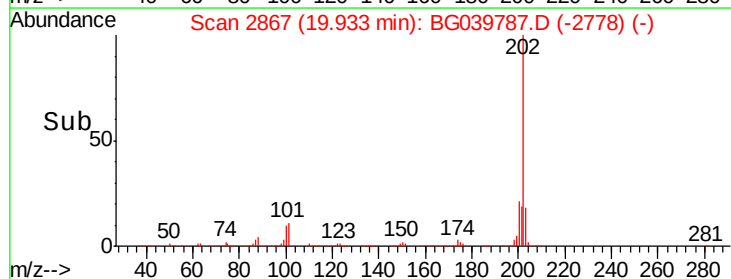
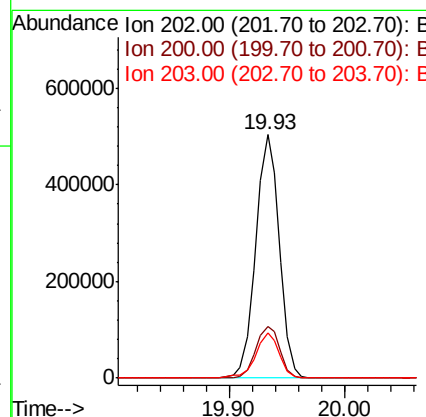
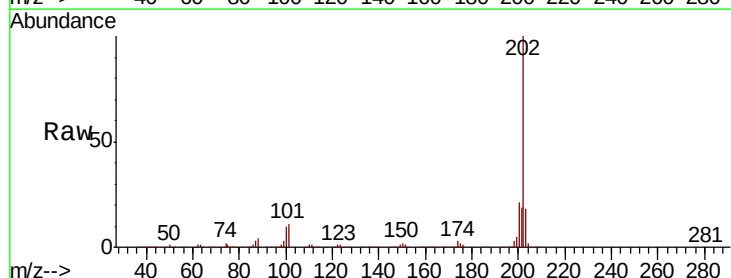
RT: 19.93 min Scan# 2867

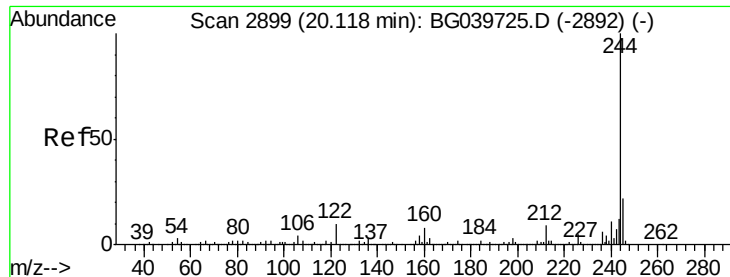
Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Tgt Ion:	202	Resp:	716421
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.8
203	18.5	15.3	22.9





#79

Terphenyl-d14

Concen: 74.459 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:244 Resp: 1004397

Ion Ratio Lower Upper

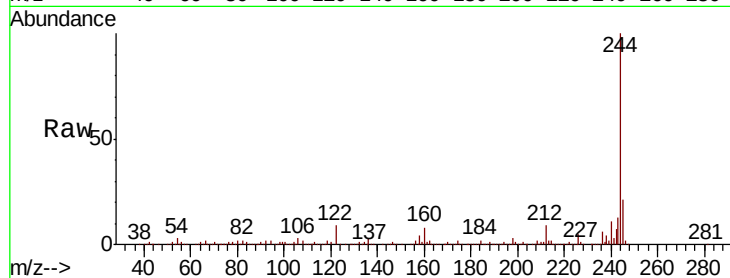
244 100

212 8.8 7.3 10.9

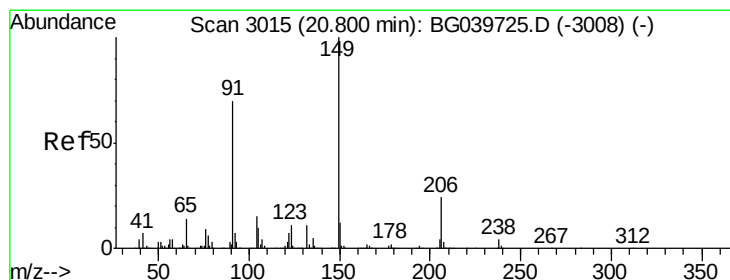
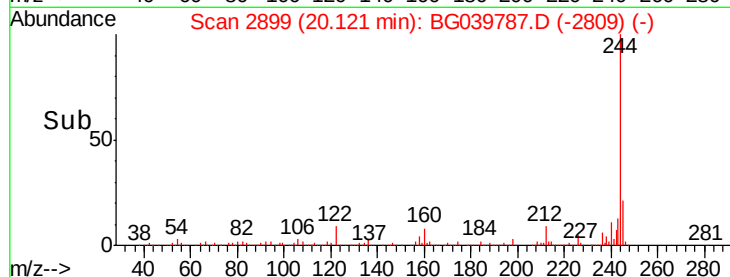
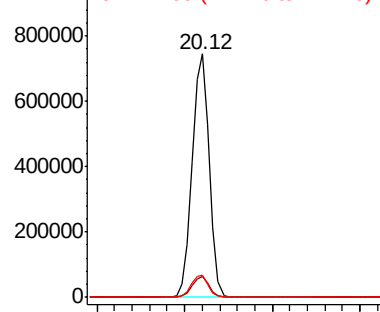
122 9.1 8.4 12.6

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



#80

Butylbenzylphthalate

Concen: 40.222 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039787.D

Acq: 6 Mar 2019 14:49

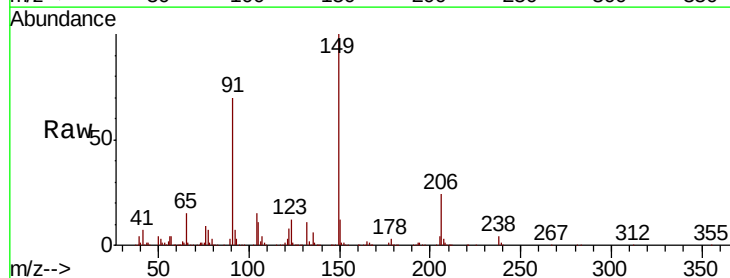
Tgt Ion:149 Resp: 300746

Ion Ratio Lower Upper

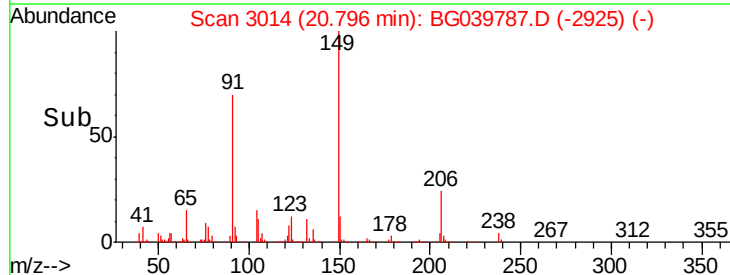
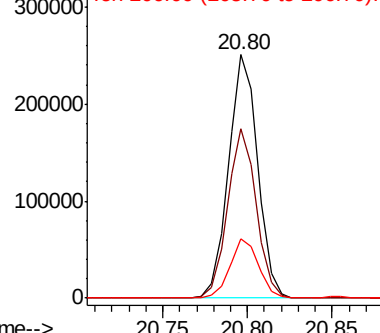
149 100

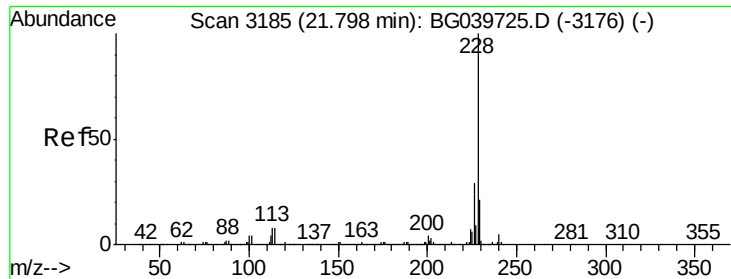
91 69.6 59.5 89.3

206 24.4 18.6 27.8



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





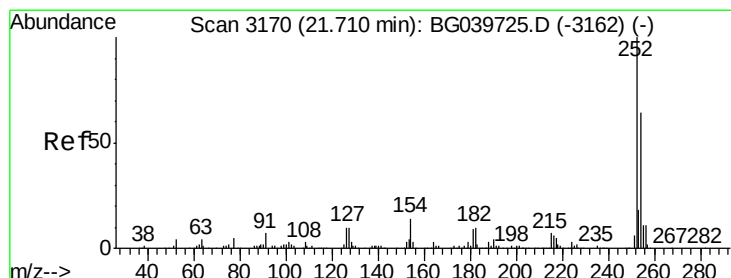
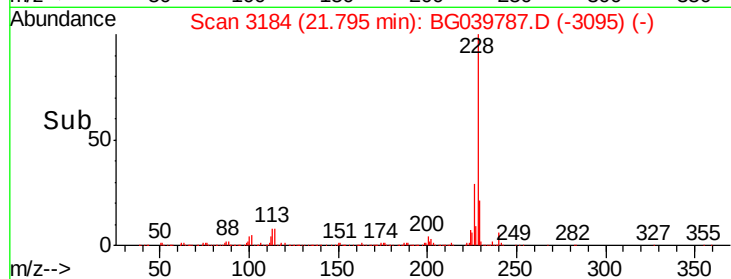
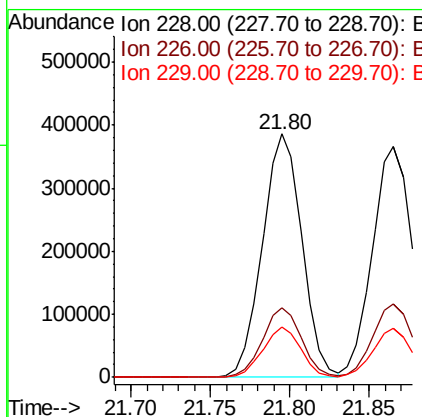
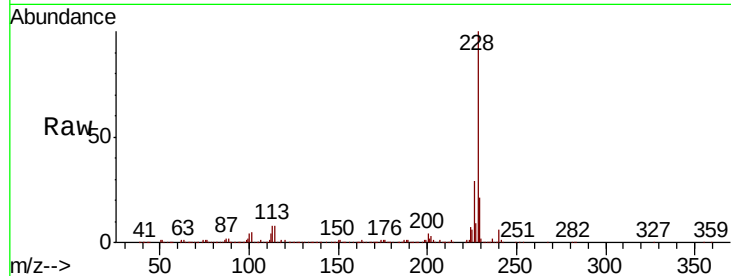
#81
Benzo(a)anthracene
Concen: 35.908 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.7	16.9	25.3

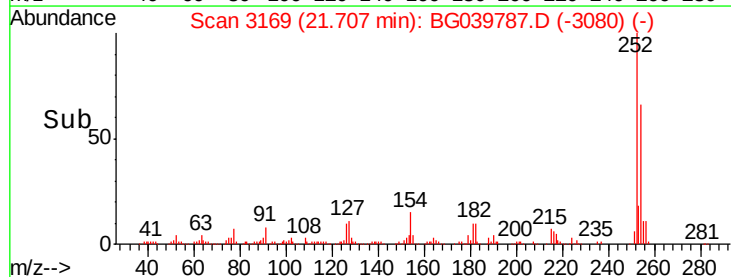
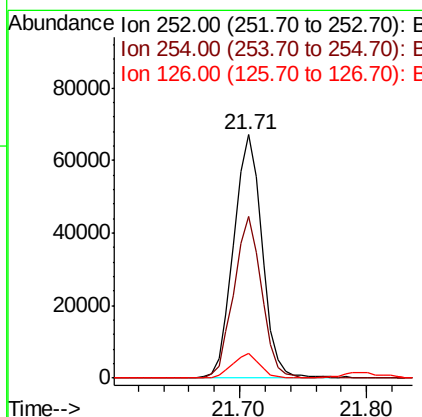
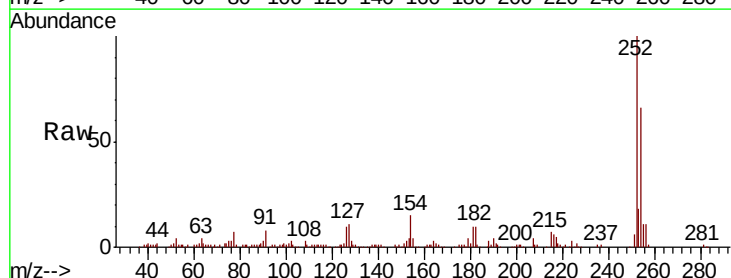
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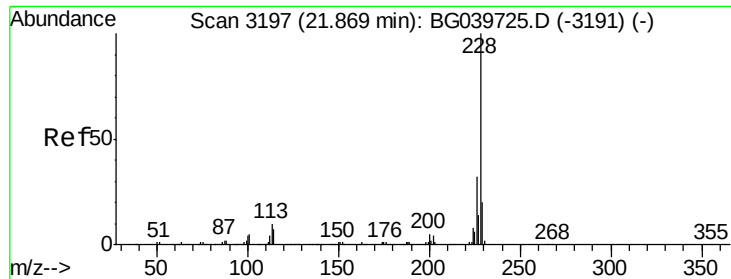
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#82
3,3'-Dichlorobenzidine
Concen: 15.302 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.3	76.9
126	9.9	8.0	12.0





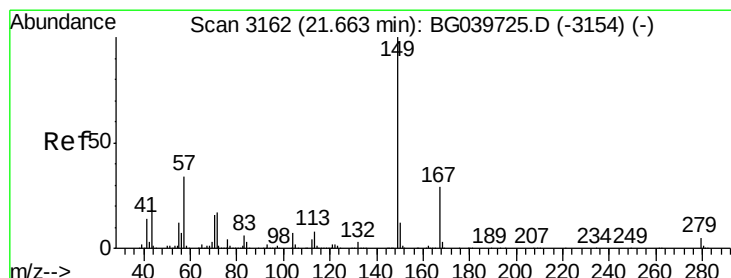
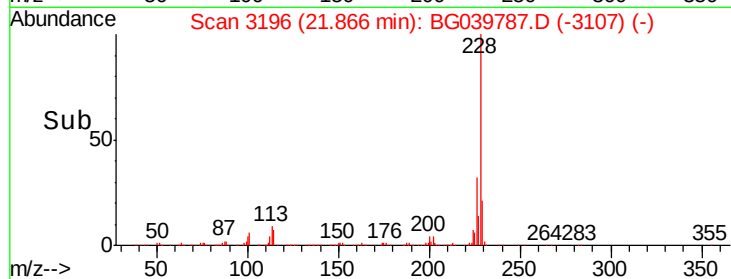
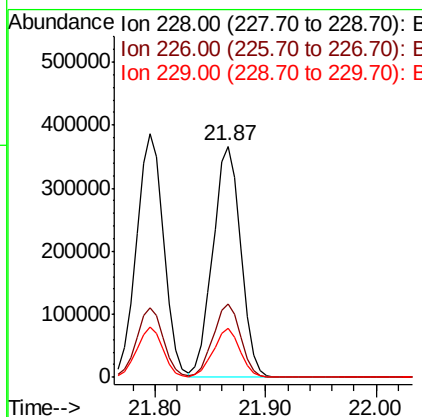
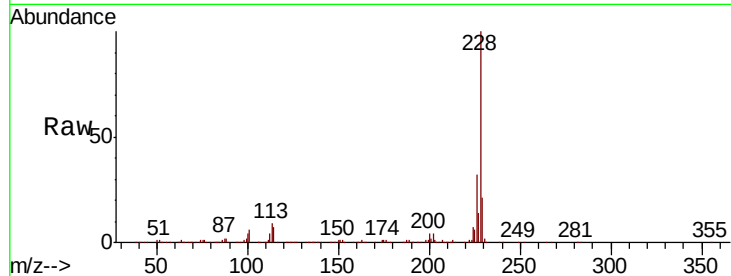
#83
Chrysene
Concen: 35.389 ng
RT: 21.87 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.6	25.8	38.6		
229	21.3	16.6	25.0		

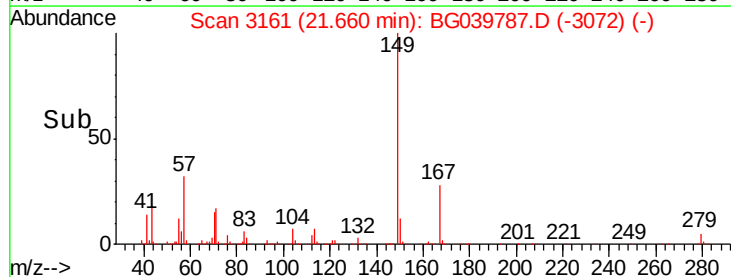
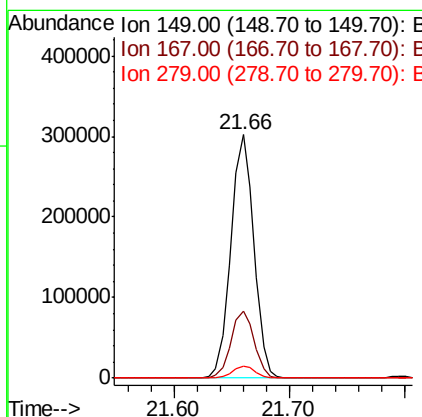
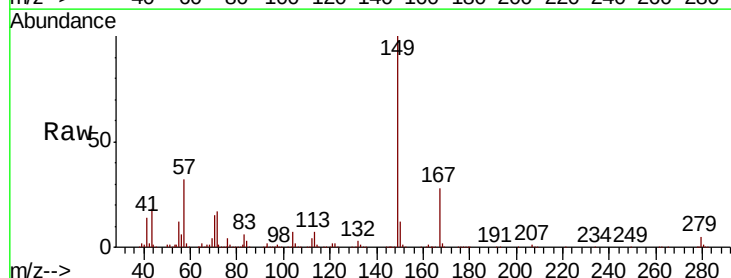
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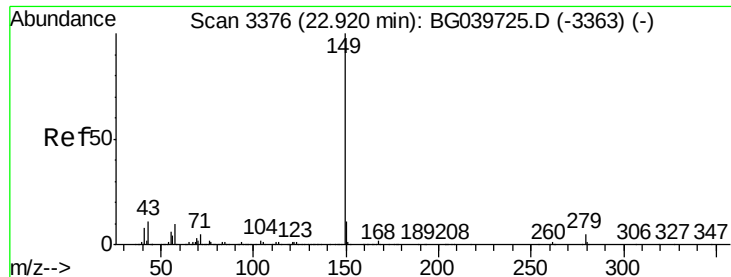
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.517 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.5	22.6	34.0		
279	4.8	3.5	5.3		





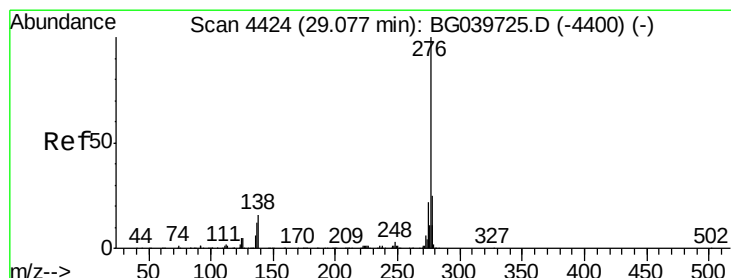
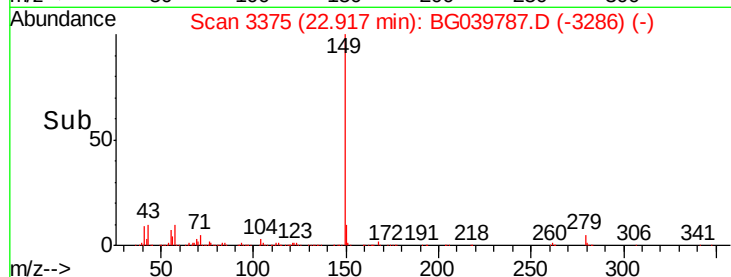
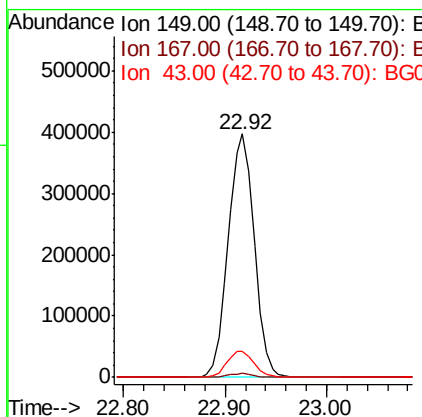
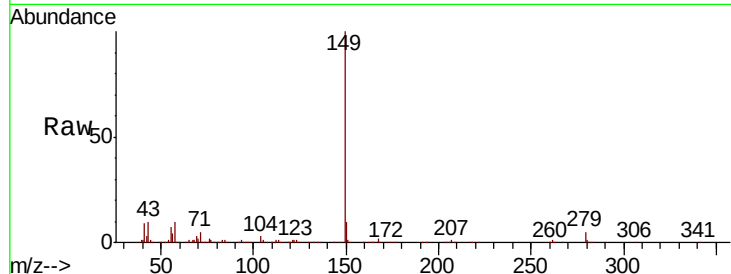
#85
Di-n-octyl phthalate
Concen: 40.468 ng
RT: 22.92 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

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

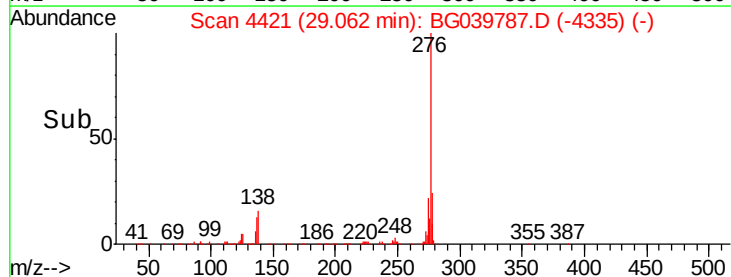
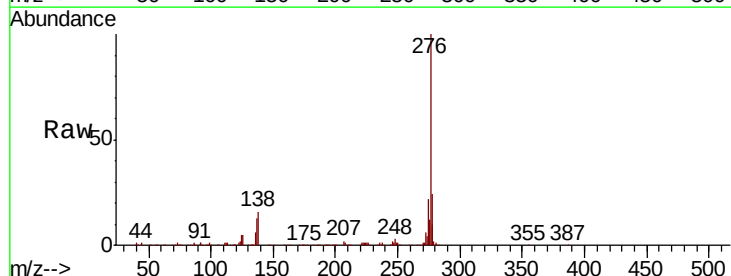
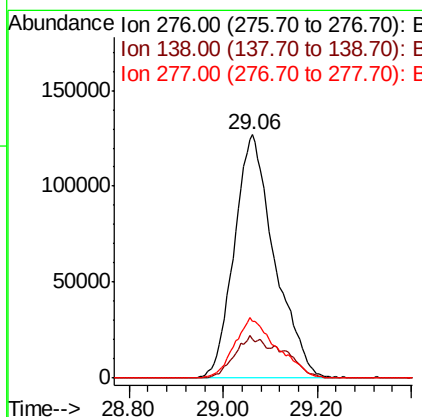
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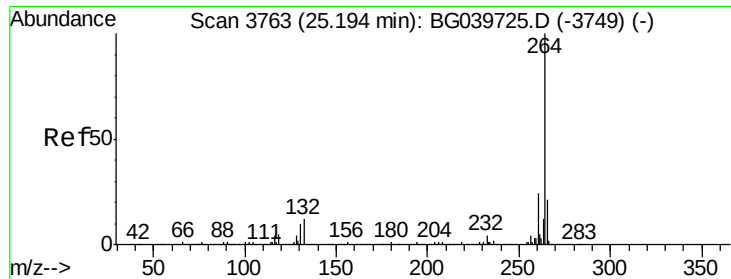
Sohil
3/7/2019 3:42:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.798 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	12.6	19.0#
277	26.0	20.8	31.2





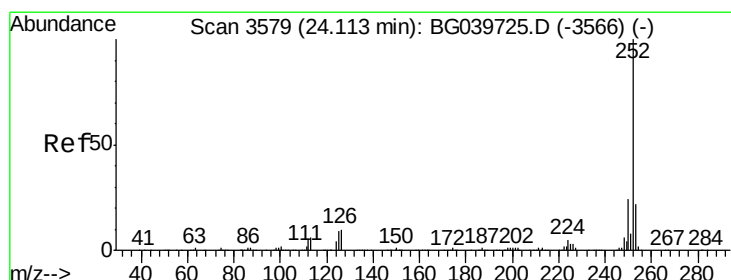
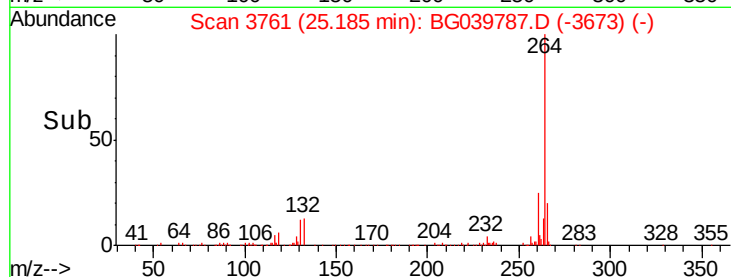
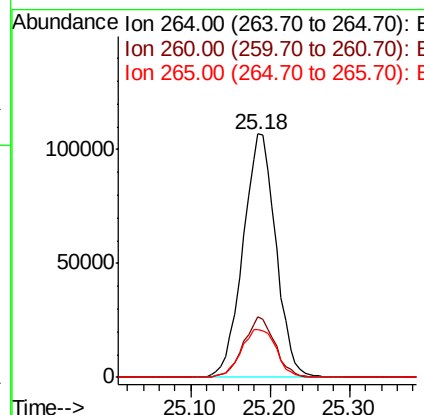
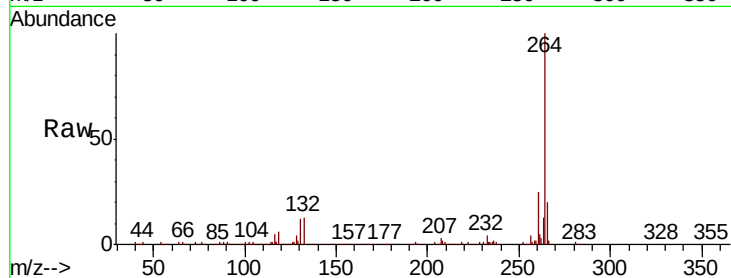
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	19.8	18.5	27.7

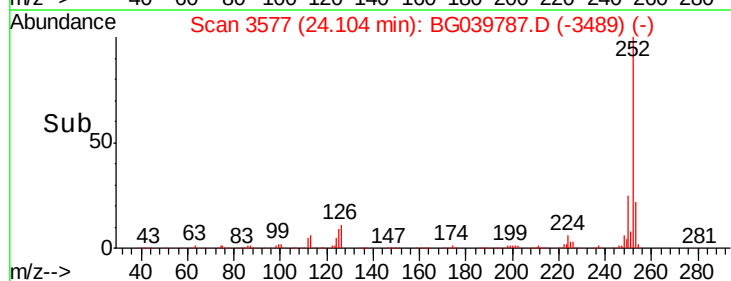
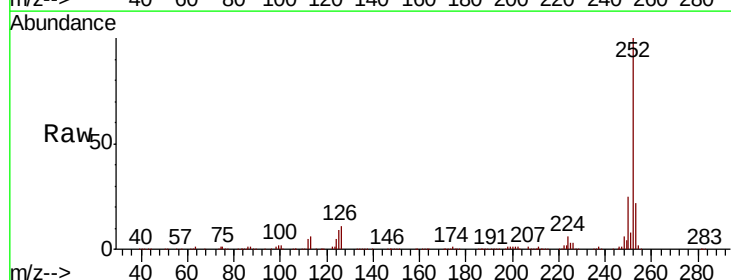
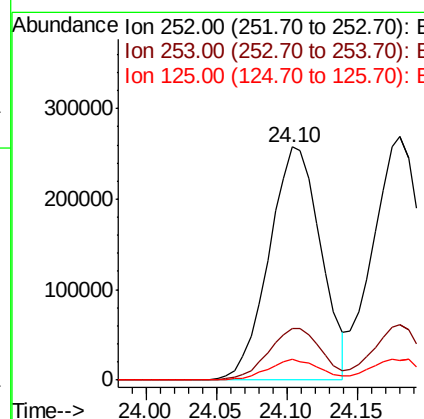
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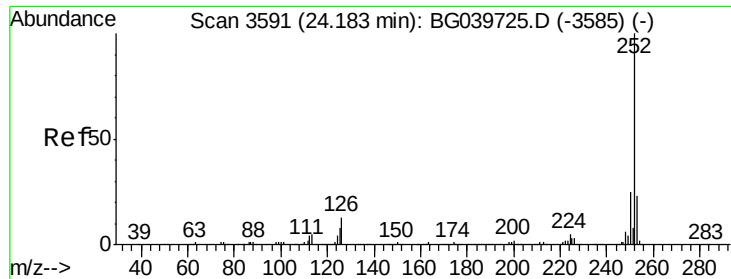
Sohil
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#88
Benzo(b)fluoranthene
Concen: 36.039 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.2	7.8	11.6





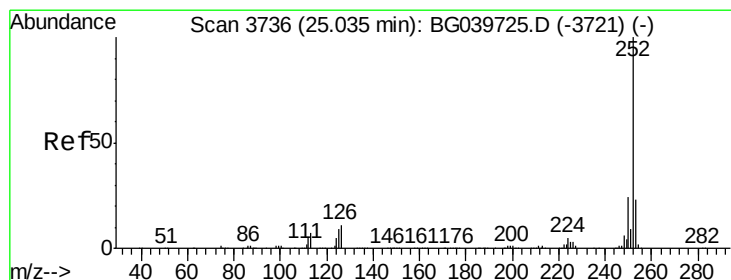
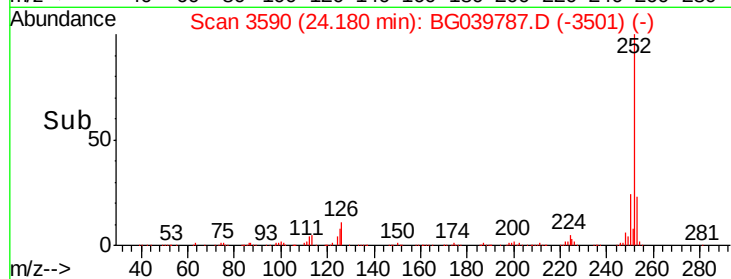
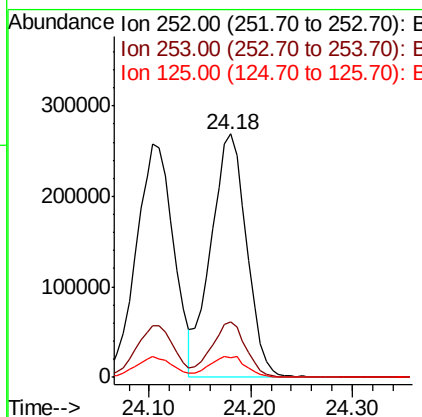
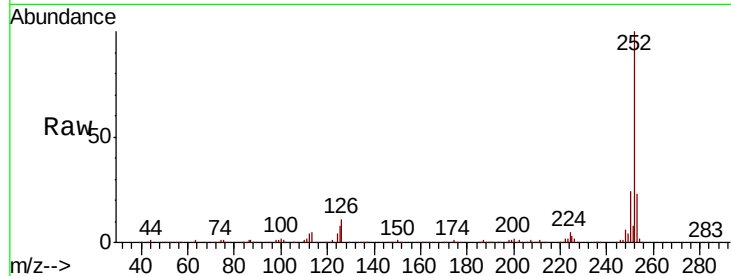
#89
Benzo(k)fluoranthene
Concen: 38.436 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.2	7.4	11.2

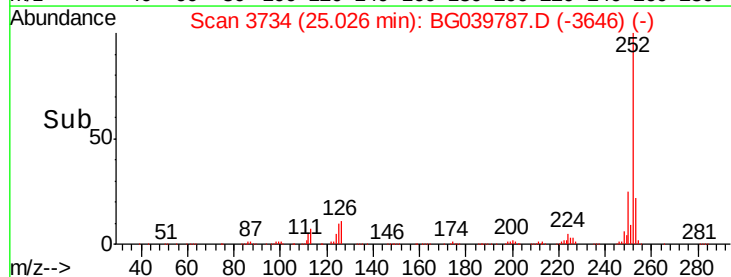
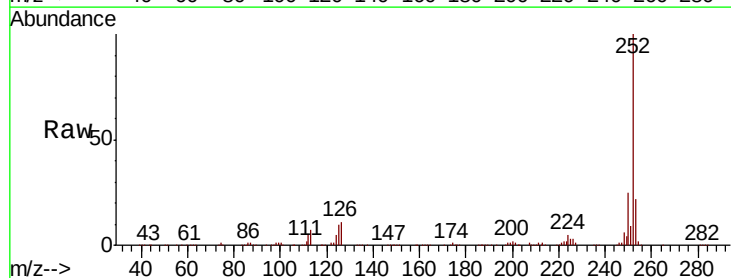
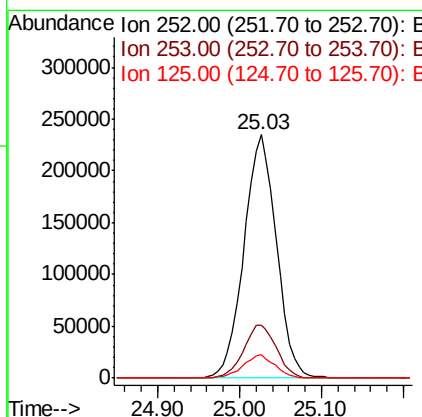
Manual Integrations
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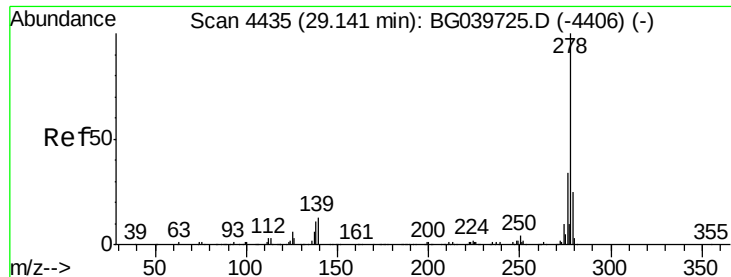
Sohil
3/7/2019 3:42:39 PM



#90
Benzo(a)pyrene
Concen: 38.362 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.6	8.3	12.5





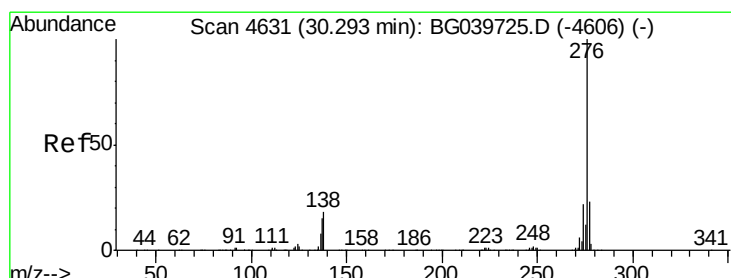
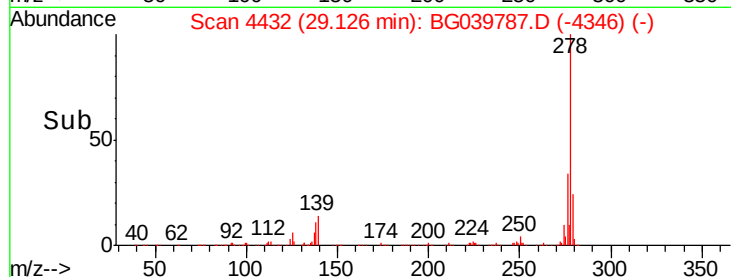
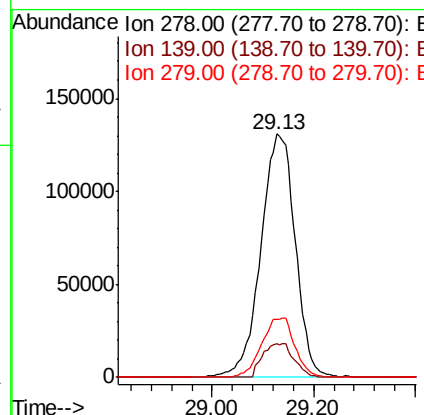
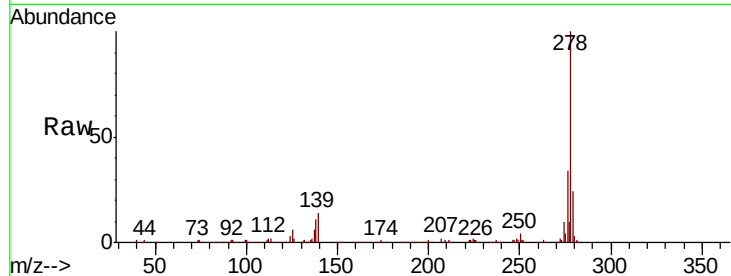
#91
Dibenzo(a,h)anthracene
Concen: 37.371 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/7/2019 3:42:39 PM



#92
Benzo(g,h,i)perylene
Concen: 37.588 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039787.D
Acq: 6 Mar 2019 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.6	29.4
138	15.2	14.7	22.1

