

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039811.D
 Acq On : 7 Mar 2019 20:45
 Operator : JU/SJ
 Sample : K1757-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Manual Integrations
 APPROVED

Sohil
 3/8/2019 10:48:50 AM

Quant Time: Mar 08 01:43:25 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	8.16	152	45088	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	199298	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	142512	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	352060	20.00	ng	0.00
76) Chrysene-d12	21.81	240	347572	20.00	ng	-0.01
87) Perylene-d12	25.19	264	357024	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	362014	136.98	ng	0.00
7) Phenol-d6	7.30	99	500887	127.11	ng	-0.01
23) Nitrobenzene-d5	9.33	82	343315	93.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	247339	148.90	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	838722	83.80	ng	-0.01
79) Terphenyl-d14	20.12	244	1376034	87.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	37628	30.839	ng	# 36
3) Pyridine	4.00	79	97101	29.726	ng	93
4) n-Nitrosodimethylamine	3.92	42	55946	36.103	ng	92
6) Aniline	7.48	93	39510	7.653	ng	99
8) 2-Chlorophenol	7.72	128	131382	40.976	ng	95
9) Benzaldehyde	7.29	77	79512	31.279	ng	98
10) Phenol	7.33	94	155676	36.466	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	126250	37.931	ng	98
12) 1,3-Dichlorobenzene	8.04	146	126502	34.885	ng	99
13) 1,4-Dichlorobenzene	8.19	146	129439	35.043	ng	98
14) 1,2-Dichlorobenzene	8.51	146	125677	35.216	ng	99
15) Benzyl Alcohol	8.39	79	127846	40.898	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247873	37.235	ng	99
17) 2-Methylphenol	8.59	107	116039	42.628	ng	99
18) Hexachloroethane	9.24	117	45026	33.973	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	108190	38.143	ng	93
20) 3+4-Methylphenols	8.91	107	158411	41.890	ng	94
22) Acetophenone	8.99	105	204972	38.319	ng	# 95
24) Nitrobenzene	9.38	77	157912	40.849	ng	96
25) Isophorone	9.89	82	311360	40.325	ng	96
26) 2-Nitrophenol	10.09	139	78962	42.305	ng	97
27) 2,4-Dimethylphenol	10.12	122	143944	49.587	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	189723	40.434	ng	99
29) 2,4-Dichlorophenol	10.61	162	150933	46.180	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	140874	38.305	ng	99
31) Naphthalene	11.03	128	415827	39.407	ng	99
32) Benzoic acid	10.21	122	13908	12.617	ng	91
33) 4-Chloroaniline	11.14	127	7522	1.681	ng	# 83
34) Hexachlorobutadiene	11.29	225	90654	36.072	ng	90
35) Caprolactam	11.92	113	41332m	33.106	ng	
36) 4-Chloro-3-methylphenol	12.24	107	169972	45.368	ng	99
37) 2-Methylnaphthalene	12.62	142	317717	40.274	ng	97
38) 1-Methylnaphthalene	12.84	142	312030	40.700	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	181539	37.602	ng	99

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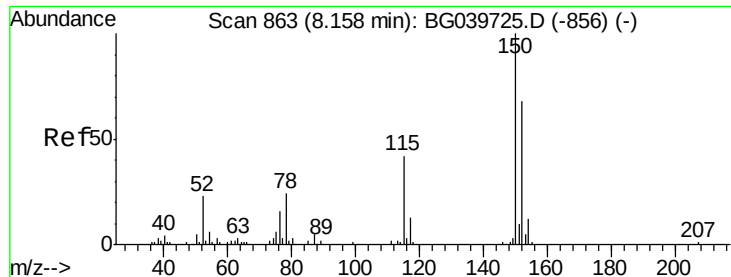
Manual Integrations
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Quant Time: Mar 08 01:43:25 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192518	74.408	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	132868	47.007	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	144402	45.324	ng	97
46) 1,1'-Biphenyl	13.61	154	453363	38.678	ng	99
47) 2-Chloronaphthalene	13.67	162	348842	39.560	ng	97
48) 2-Nitroaniline	13.87	65	124709	44.008	ng	95
49) Acenaphthylene	14.51	152	570193	39.390	ng	99
50) Dimethylphthalate	14.23	163	488673	41.007	ng	99
51) 2,6-Dinitrotoluene	14.36	165	109574	43.374	ng	93
52) Acenaphthene	14.85	154	345703	39.679	ng	99
53) 3-Nitroaniline	14.70	138	8865	3.491	ng #	93
54) 2,4-Dinitrophenol	14.89	184	34599	25.546	ng	94
55) Dibenzofuran	15.18	168	570356	39.900	ng	97
56) 4-Nitrophenol	14.99	139	159255	70.103	ng #	86
57) 2,4-Dinitrotoluene	15.14	165	156135	43.985	ng	87
58) Fluorene	15.82	166	455166	40.505	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	142026	45.645	ng	97
60) Diethylphthalate	15.58	149	496188	42.062	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	242043	40.364	ng	96
62) 4-Nitroaniline	15.86	138	101427	36.842	ng	96
63) Azobenzene	16.10	77	440378	41.182	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	40984	19.689	ng	95
66) n-Nitrosodiphenylamine	16.03	169	425412	41.739	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	160678	40.774	ng	96
68) Hexachlorobenzene	16.82	284	167689	41.052	ng	92
69) Atrazine	16.97	200	170907	42.607	ng	97
70) Pentachlorophenol	17.17	266	126694	49.110	ng	98
71) Phenanthrene	17.57	178	778024	40.121	ng	98
72) Anthracene	17.66	178	785673	41.576	ng	99
73) Carbazole	17.93	167	696478	40.883	ng	98
74) Di-n-butylphthalate	18.46	149	849284	42.371	ng	99
75) Fluoranthene	19.57	202	922832	40.267	ng	99
77) Benzidine	19.75	184	98538	8.934	ng	97
78) Pyrene	19.93	202	919648	40.719	ng	98
80) Butylbenzylphthalate	20.80	149	390675	44.648	ng	95
81) Benzo(a)anthracene	21.79	228	874213	40.132	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	58291	7.329	ng	98
83) Chrysene	21.86	228	841406	39.842	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	539488	43.875	ng	99
85) Di-n-octyl phthalate	22.91	149	919928	45.184	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	1010434	42.176	ng	100
88) Benzo(b)fluoranthene	24.11	252	878714	41.273	ng	98
89) Benzo(k)fluoranthene	24.18	252	838079	42.289	ng	99
90) Benzo(a)pyrene	25.03	252	859293	43.678	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	815847	42.301	ng	99
92) Benzo(g,h,i)perylene	30.29	276	833965	43.054	ng	98

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



#1

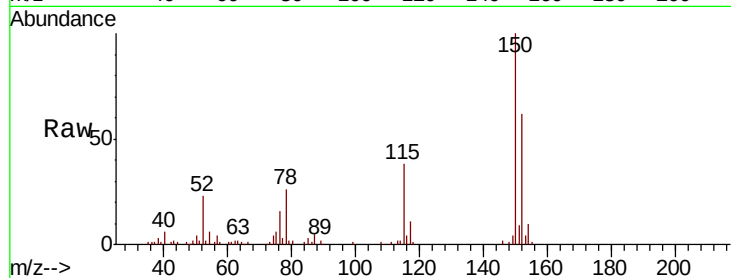
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampled :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.7	185.5
115	61.4	45.9	68.9

Manual Integrations
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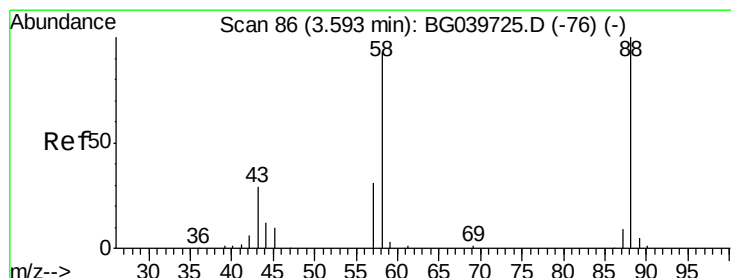
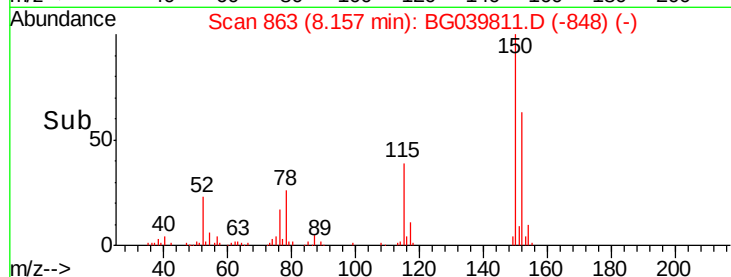
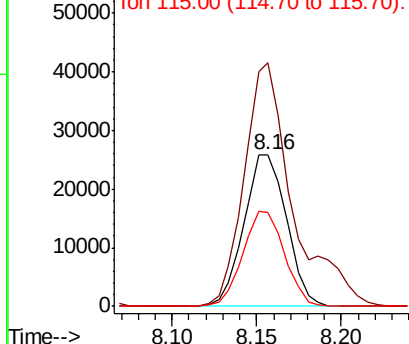


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

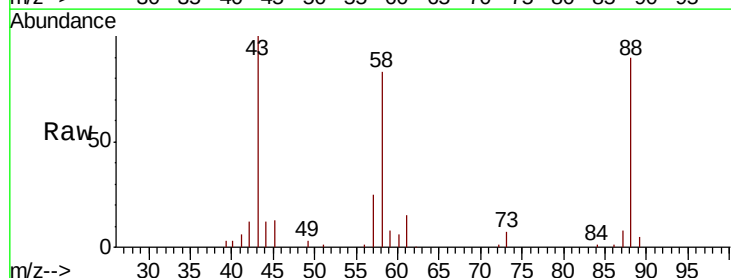
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.839 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	81.1	121.7
43	173.0	31.4	47.0

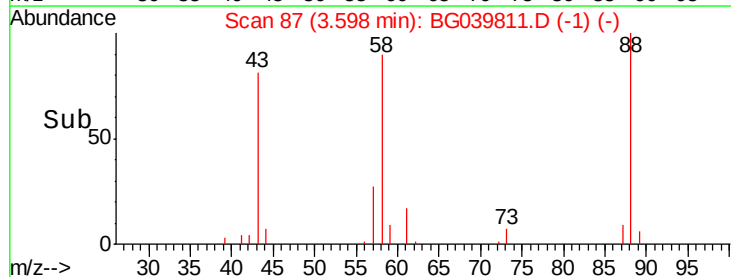
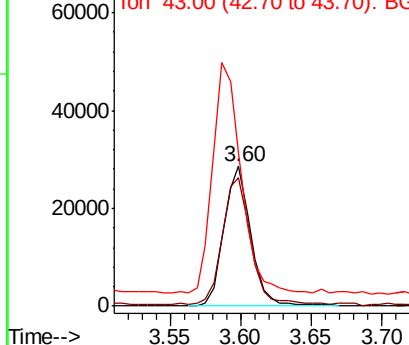


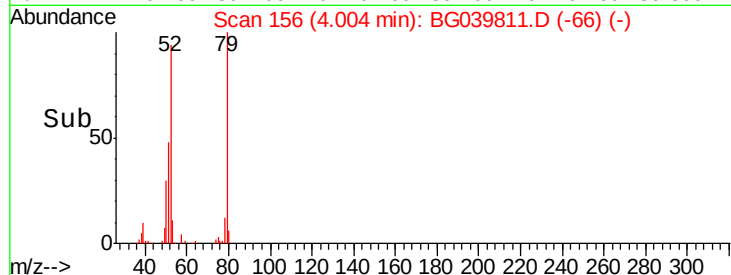
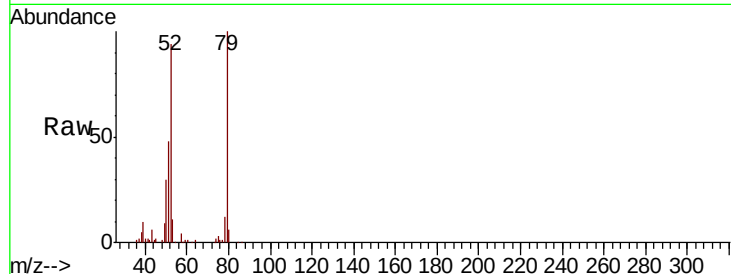
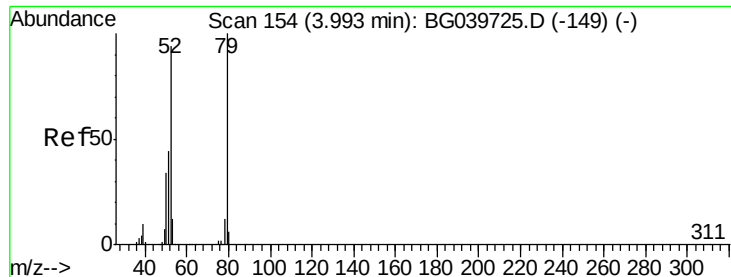
Abundance

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





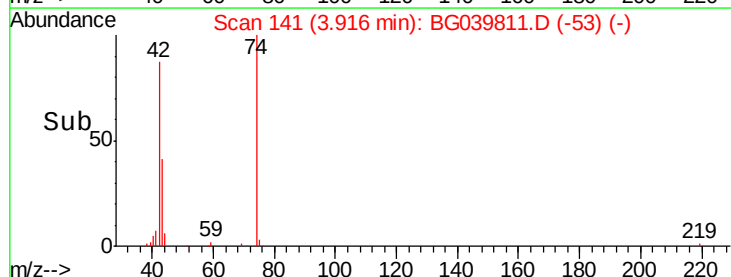
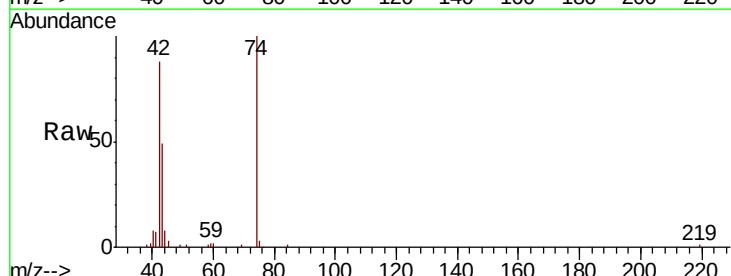
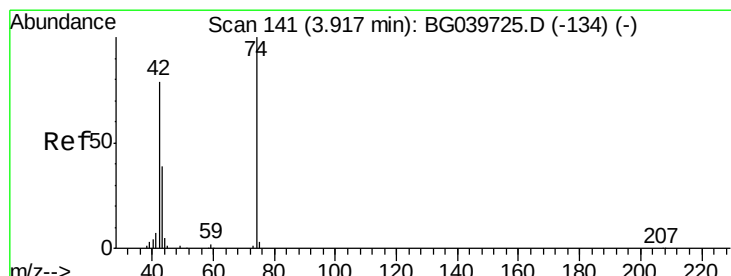
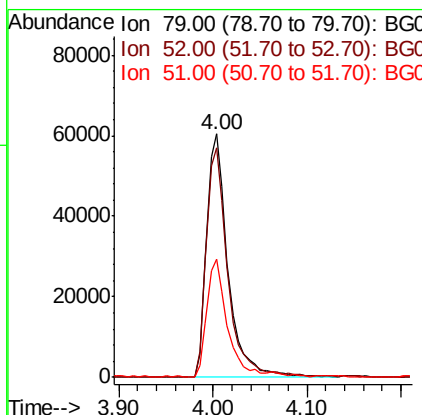
#3
 Pvridine
 Concen: 29.726 ng
 RT: 4.00 min Scan# 156
 Delta R.T. -0.00 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.3	82.6	124.0
51	48.4	37.5	56.3

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

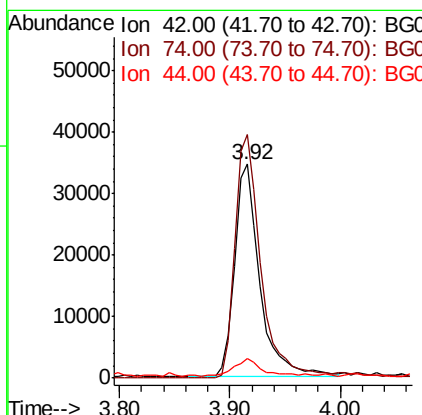
Manual Integrations
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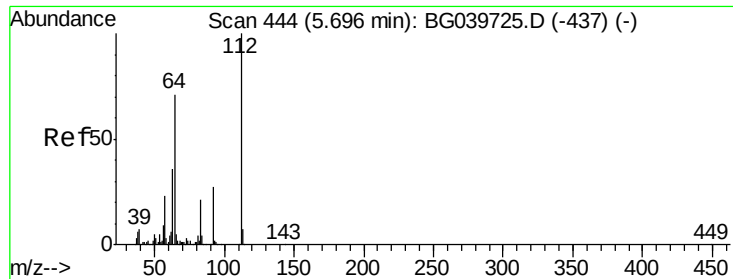
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#4
 n-Nitrosodimethylamine
 Concen: 36.103 ng
 RT: 3.92 min Scan# 141
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.7	83.6	125.4
44	9.1	6.9	10.3





#5

2-Fluorophenol

Concen: 136.976 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

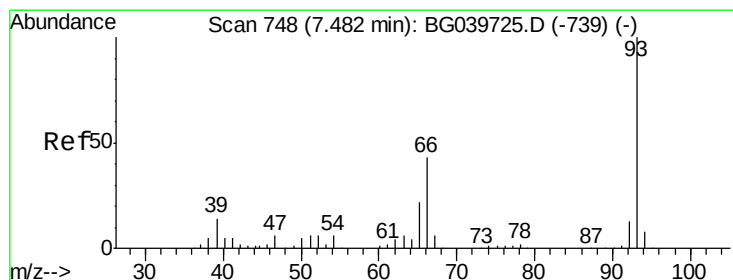
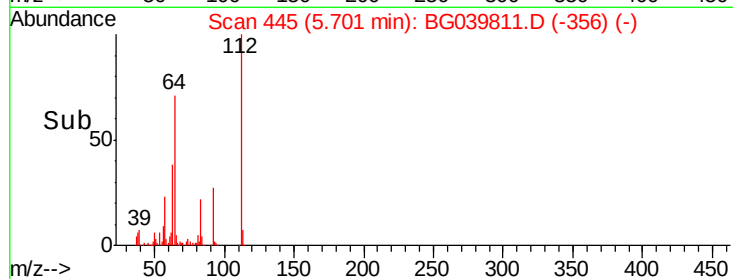
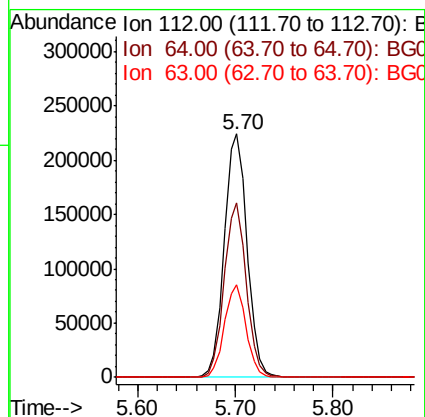
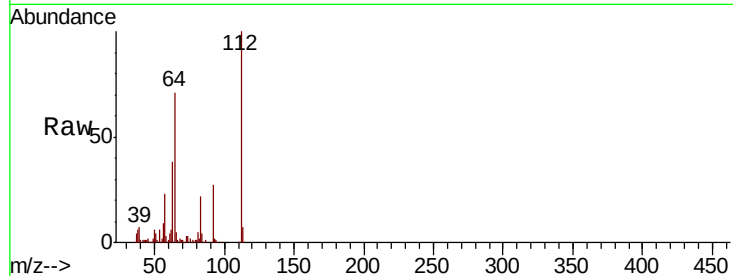
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	112	Resp:	362014
Ion Ratio	Lower	Upper	
112	100		
64	71.5	57.8	86.8
63	37.9	29.8	44.6

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#6

Aniline

Concen: 7.653 ng

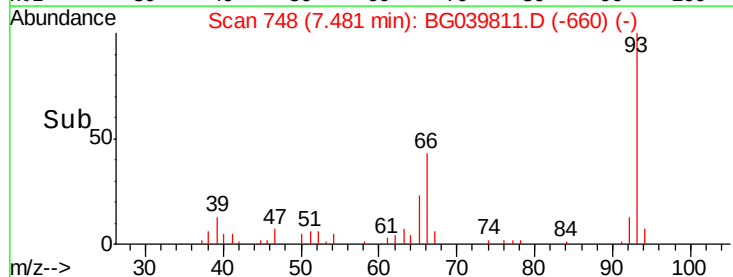
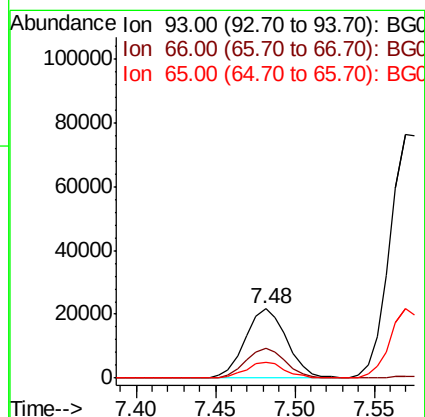
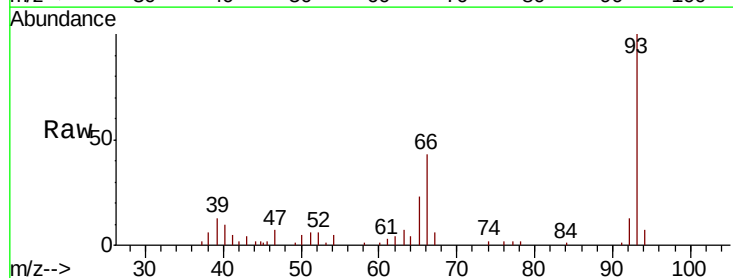
RT: 7.48 min Scan# 748

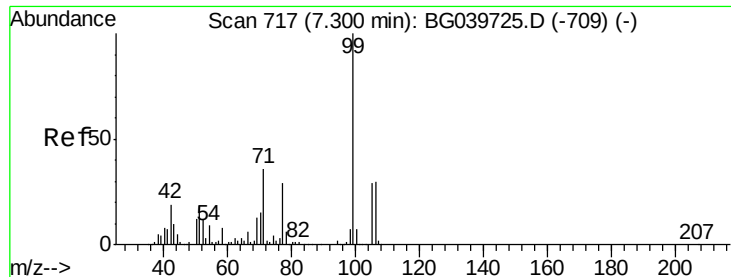
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	93	Resp:	39510
Ion Ratio	Lower	Upper	
93	100		
66	43.4	34.2	51.4
65	23.0	17.7	26.5





#7

Phenol-d6

Concen: 127.106 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

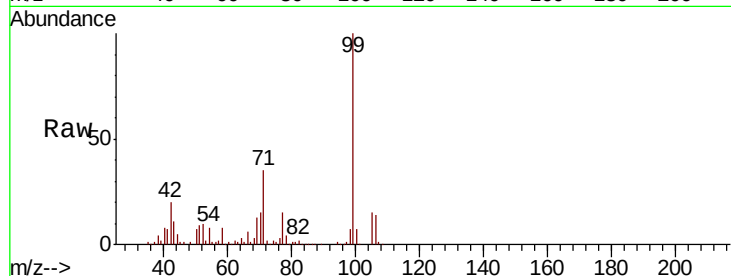
ClientSampleId :

TP-6CD-SMSD

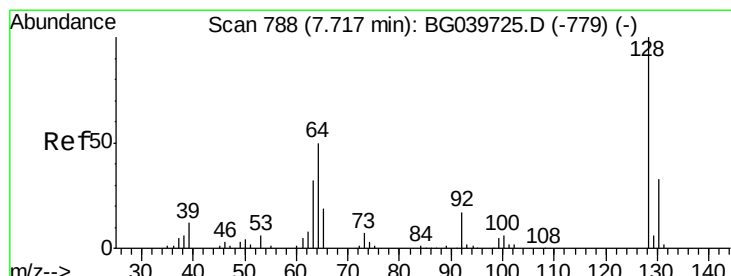
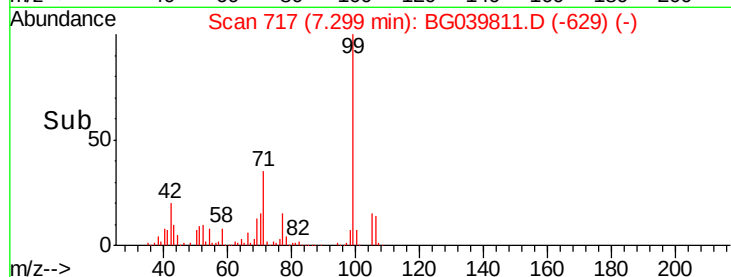
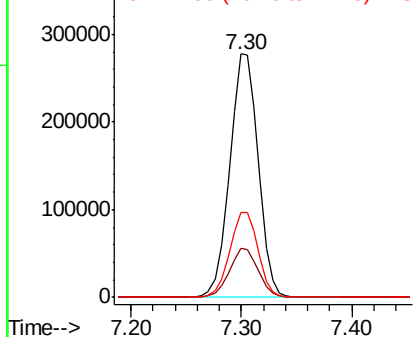
Tot Ion:	99	Resp:	500887
Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	35.1	28.0	42.0

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



#8

2-Chlorophenol

Concen: 40.976 ng

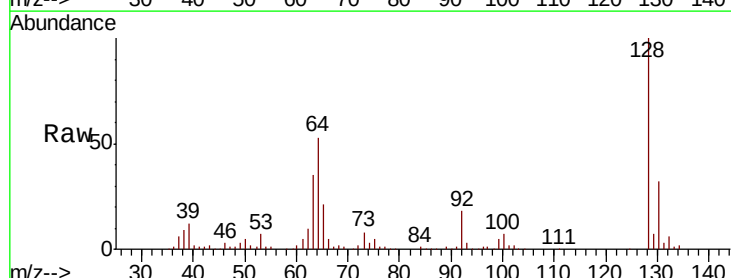
RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

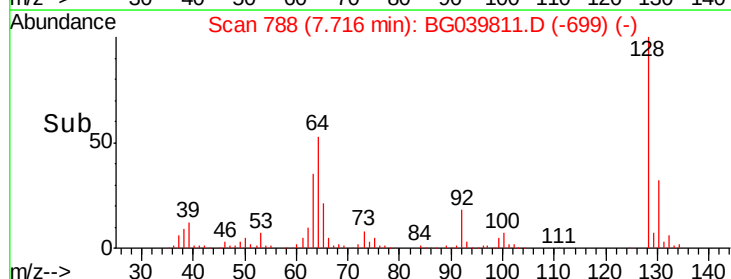
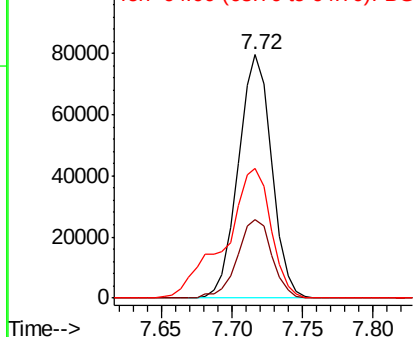
Lab File: BG039811.D

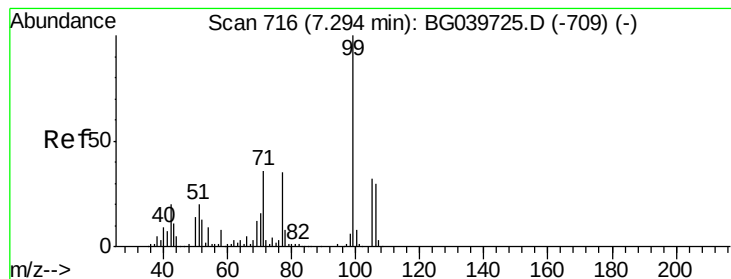
Acq: 7 Mar 2019 20:45

Tgt Ion:	128	Resp:	131382
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	53.5	38.7	78.7



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





#9

Benzaldehyde

Concen: 31.279 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

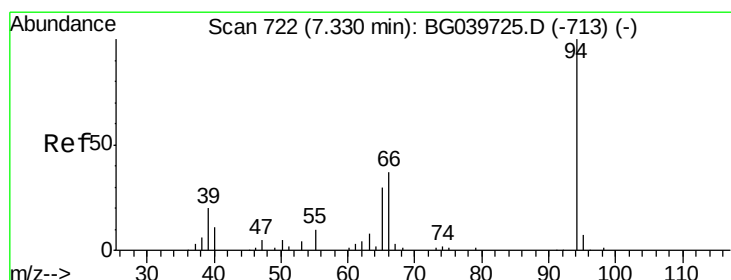
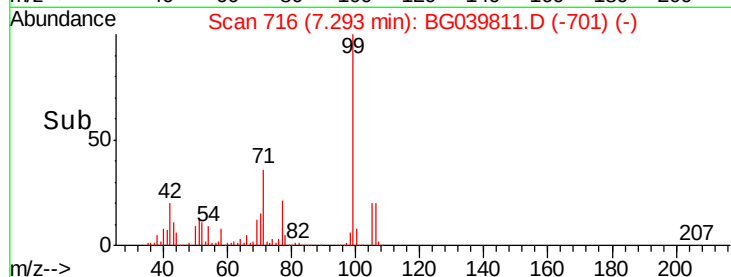
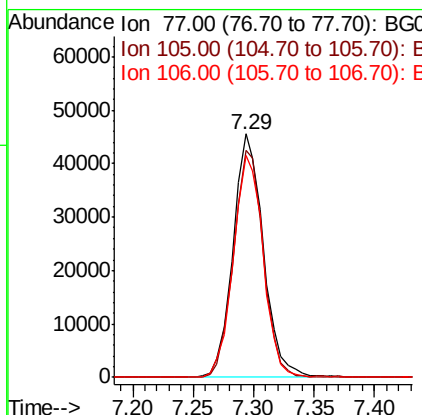
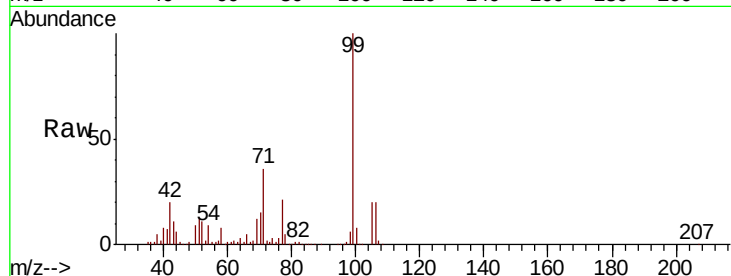
ClientSampleId :

TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	74.5	114.5
106	91.0	68.0	108.0

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#10

Phenol

Concen: 36.466 ng

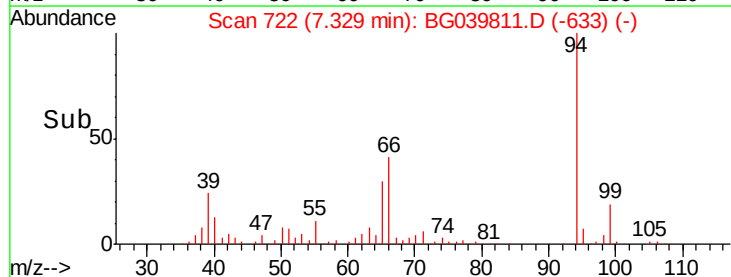
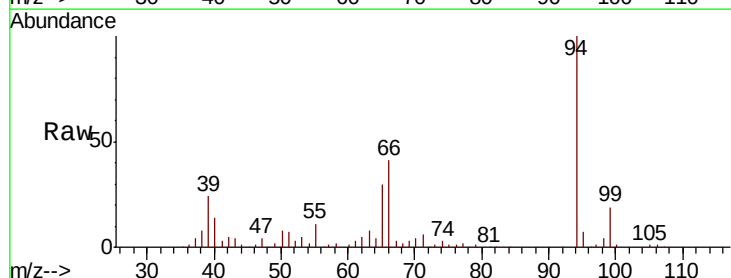
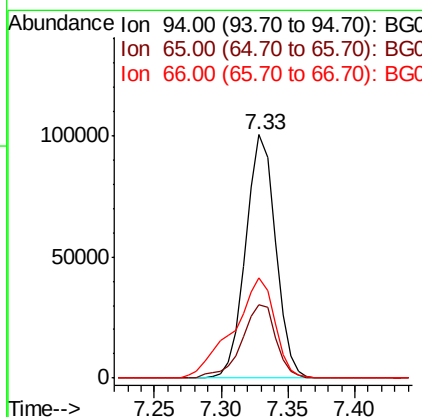
RT: 7.33 min Scan# 722

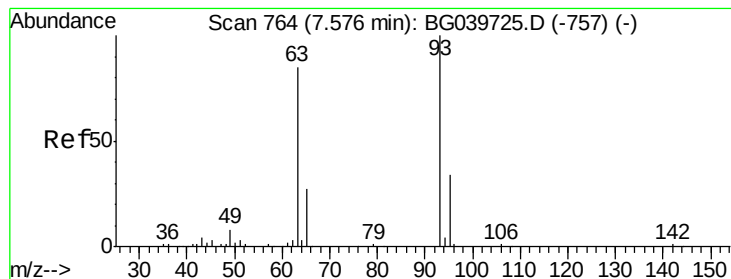
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	11.7	51.7
66	41.4	23.7	63.7





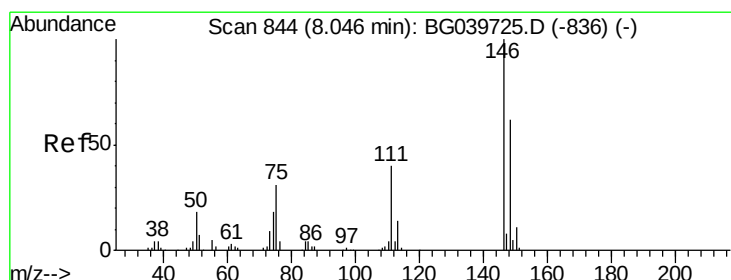
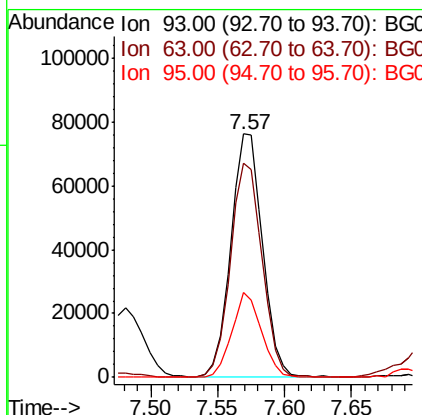
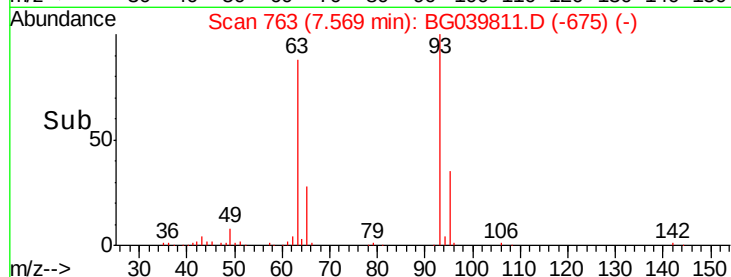
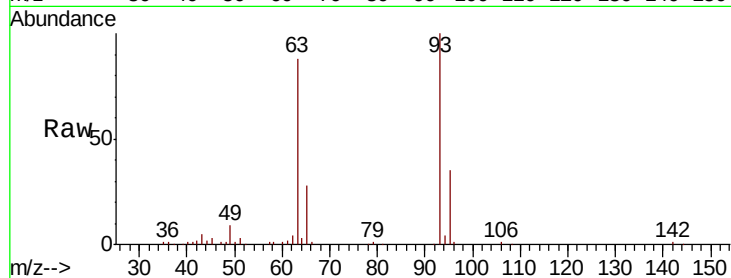
#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	69.5	109.5
95	35.0	12.7	52.7

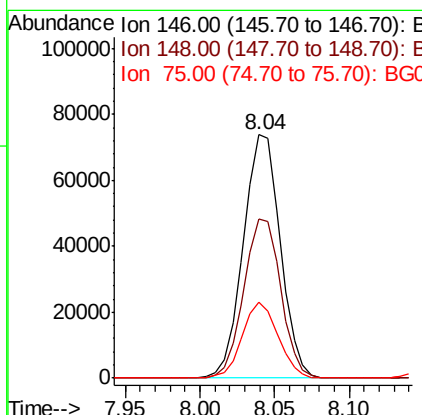
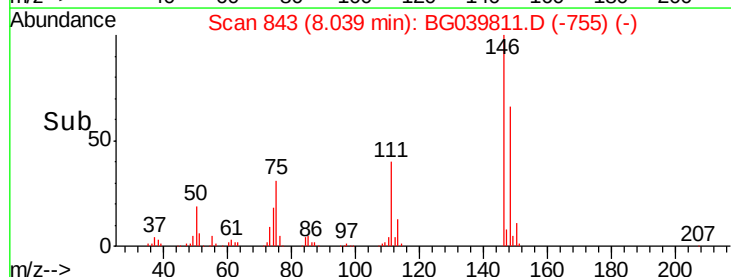
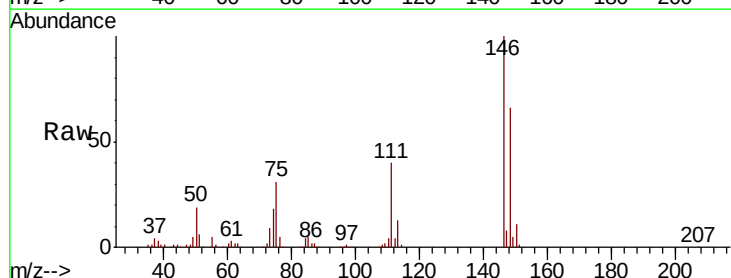
Manual Integrations
APPROVED

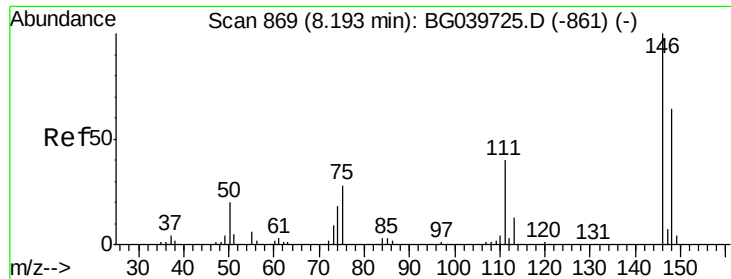
Sohil
3/8/2019 10:48:50 AM



#12
1,3-Dichlorobenzene
Concen: 34.885 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	79.0
75	31.0	25.8	38.6





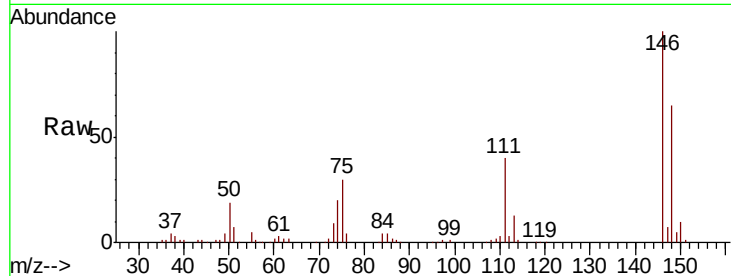
#13
1,4-Dichlorobenzene
Concen: 35.043 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	39.6	32.6	48.8

Manual Integrations
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Sohil
3/8/2019 10:48:50 AM

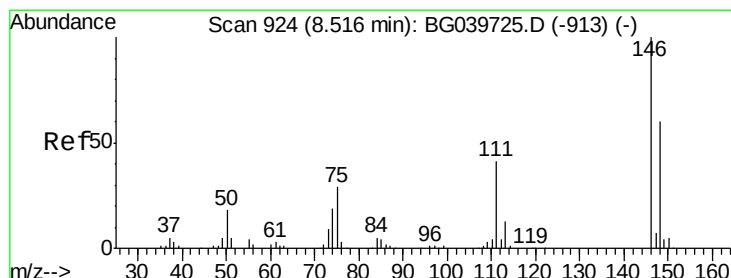
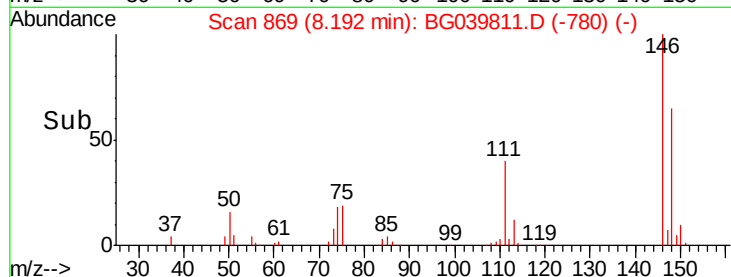
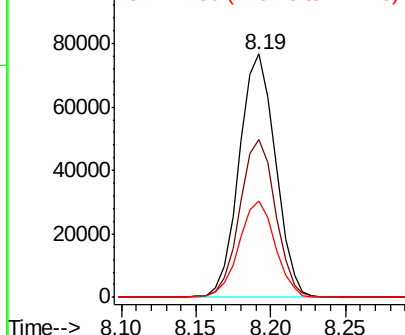


Abundance

Ion 146.00 (145.70 to 146.70): E

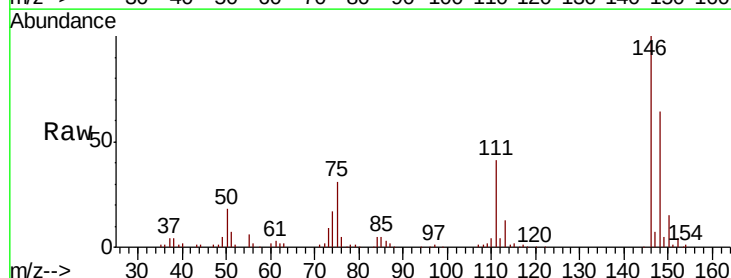
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 35.216 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	41.0	33.8	50.6

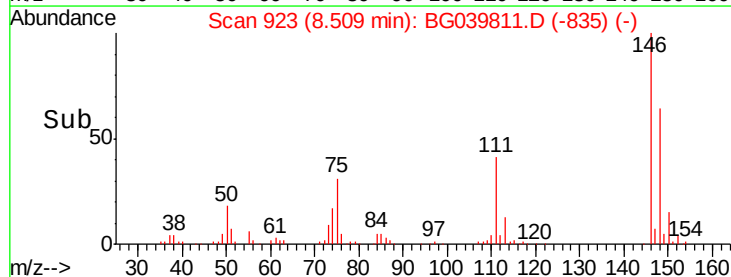
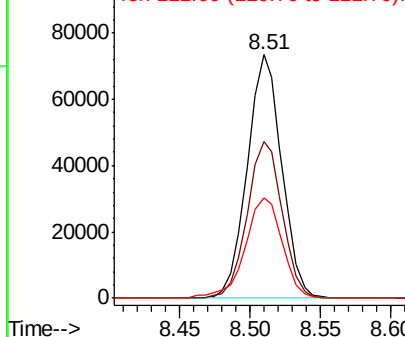


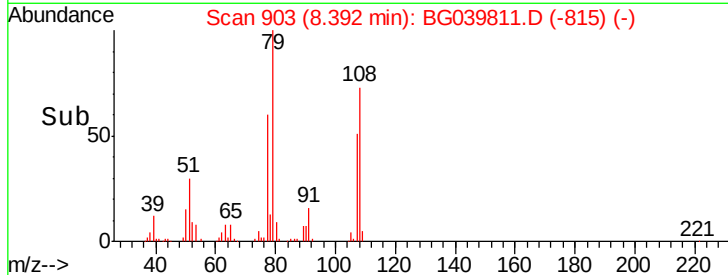
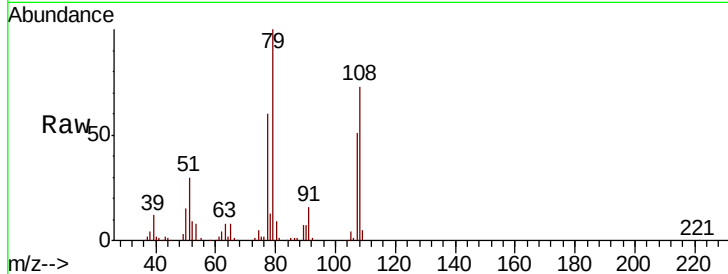
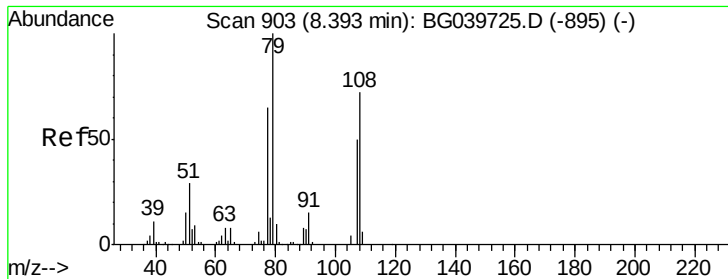
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





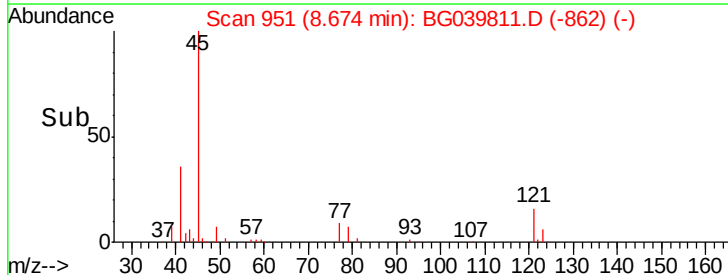
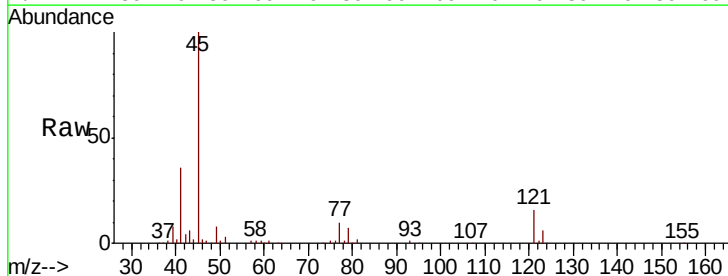
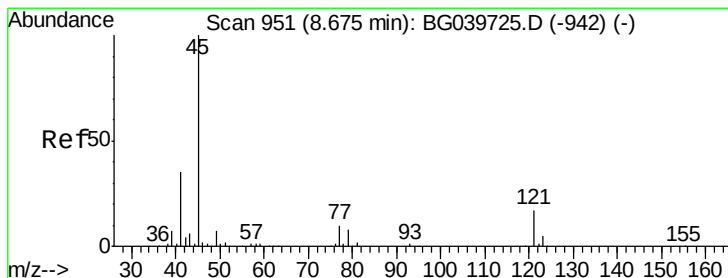
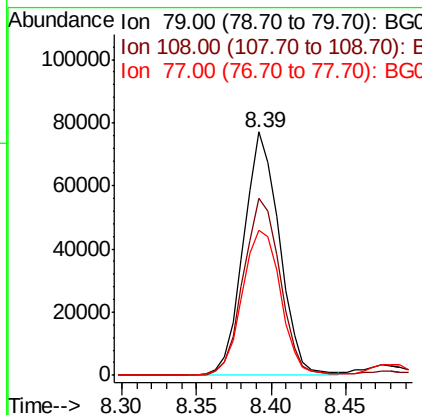
#15
Benzyl Alcohol
Concen: 40.898 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	57.8	86.6
77	59.7	51.1	76.7

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

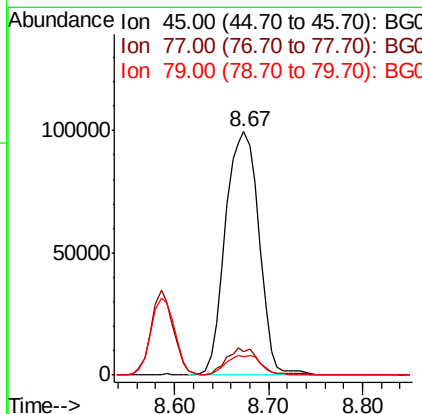
Manual Integrations
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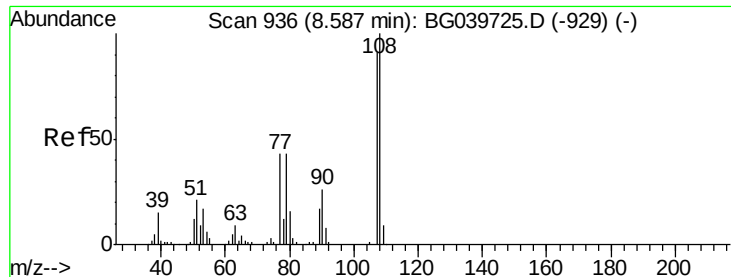
Sohil
3/8/2019 10:48:50 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.235 ng
RT: 8.67 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	30.0
79	7.4	0.0	27.5





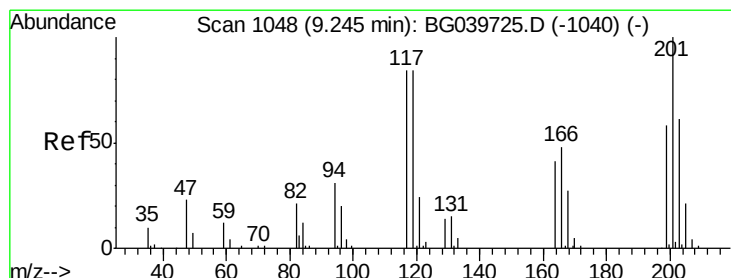
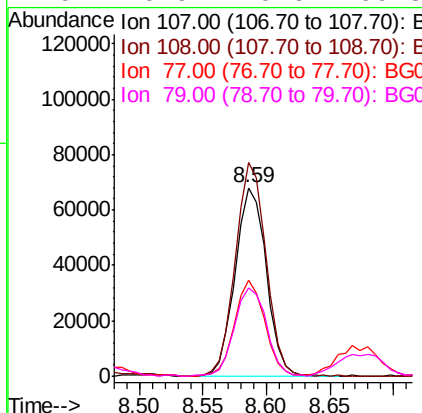
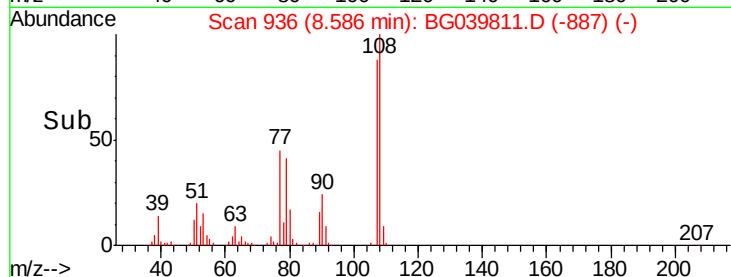
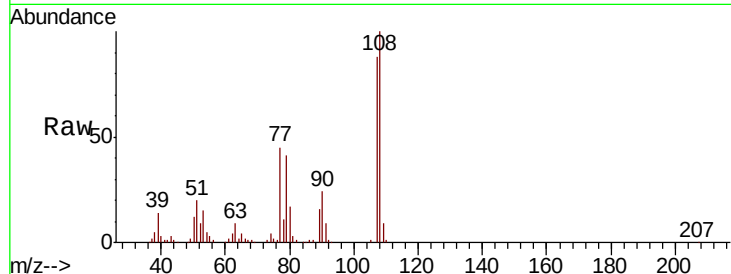
#17
2-Methylphenol
Concen: 42.628 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.4	90.8	136.2		
77	50.9	40.7	61.1		
79	46.9	40.6	60.8		

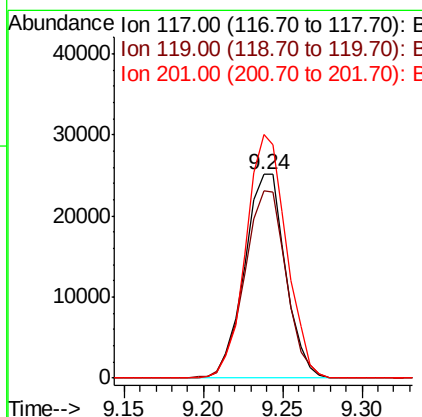
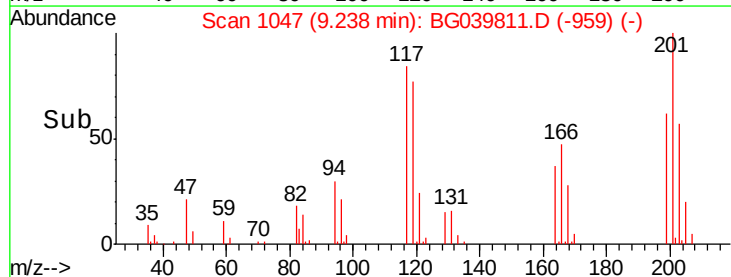
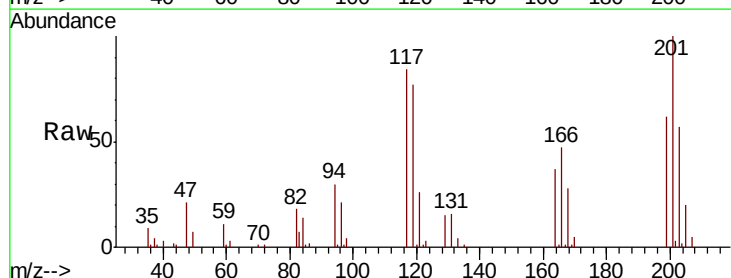
Manual Integrations
APPROVED

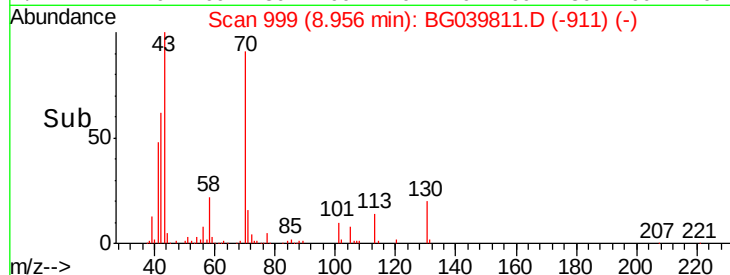
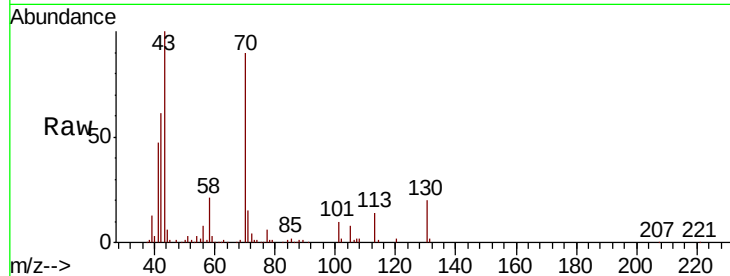
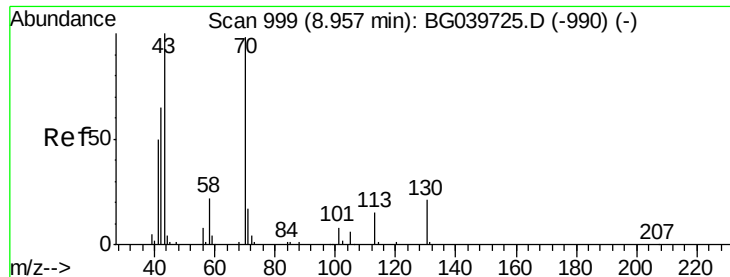
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3/8/2019 10:48:50 AM



#18
Hexachloroethane
Concen: 33.973 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	92.1	76.3	114.5		
201	119.7	91.1	136.7		





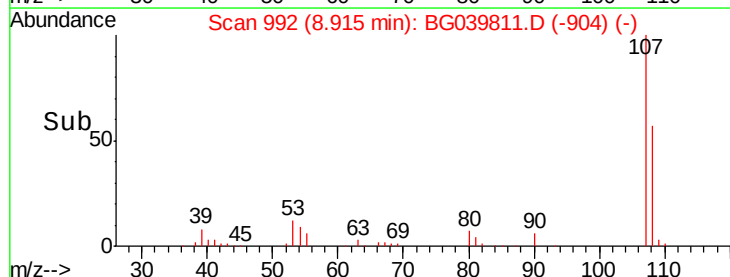
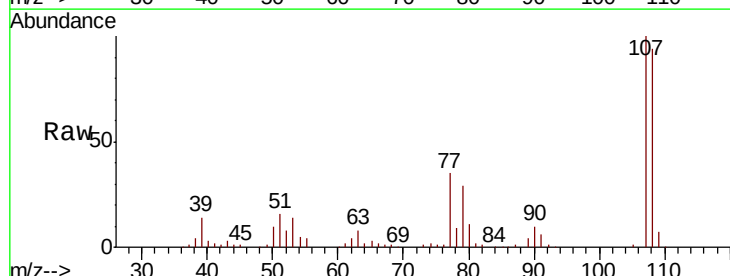
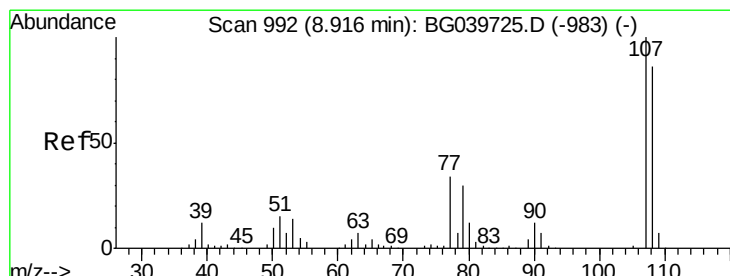
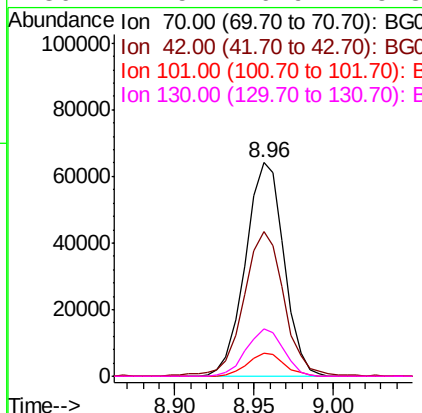
#19
n-Nitroso-di-n-propylamine
Concen: 38.143 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	60.4	90.6
101	10.7	7.5	11.3
130	22.5	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

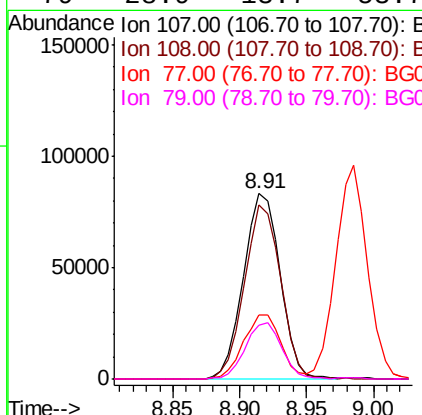
Manual Integrations
APPROVED

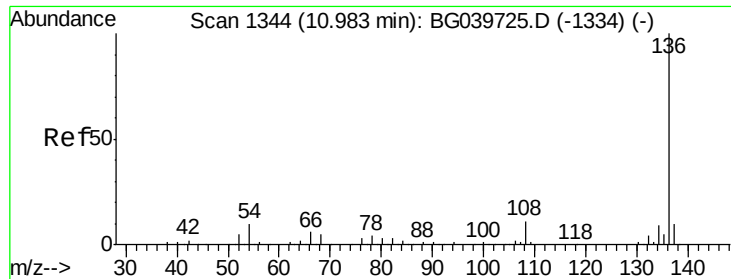
Sohil
3/8/2019 10:48:50 AM



#20
3+4-Methylphenols
Concen: 41.890 ng
RT: 8.91 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	67.9	107.9
77	34.9	15.4	55.4
79	28.9	13.7	53.7





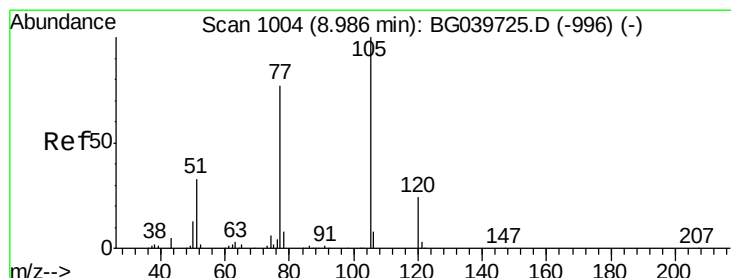
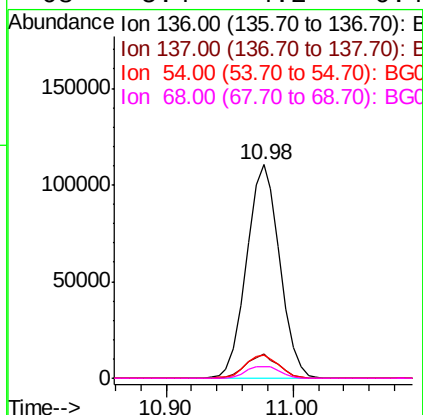
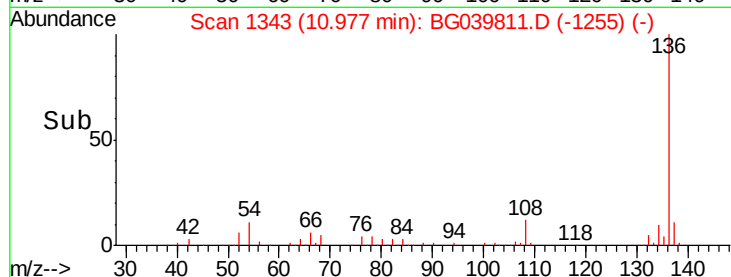
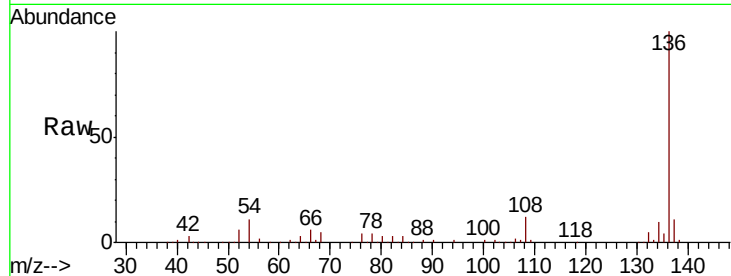
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199298		
137	11.4		9.1	13.7
54	10.8		9.4	14.2
68	5.4		4.2	6.4

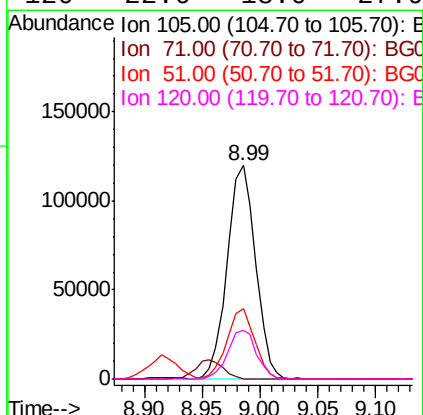
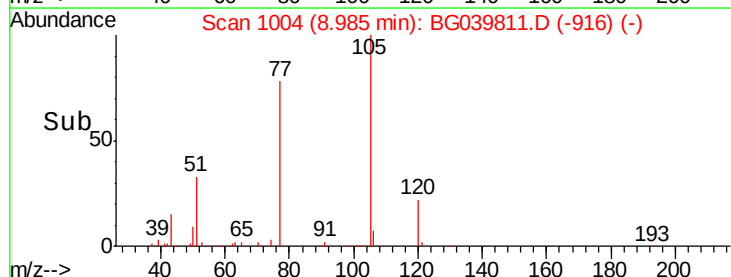
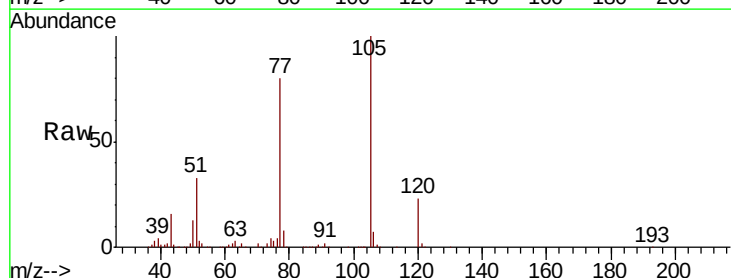
Manual Integrations
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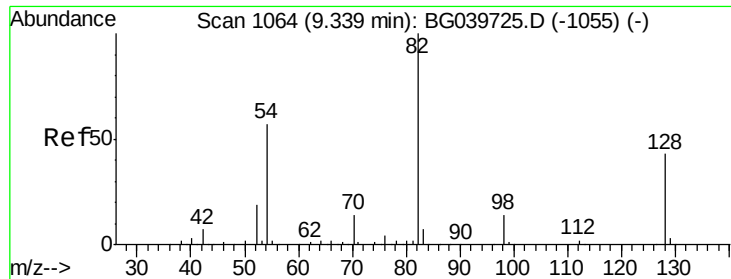
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#22
Acetophenone
Concen: 38.319 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204972		
71	0.2		0.8	1.2#
51	33.1		30.2	45.2
120	22.6		18.0	27.0





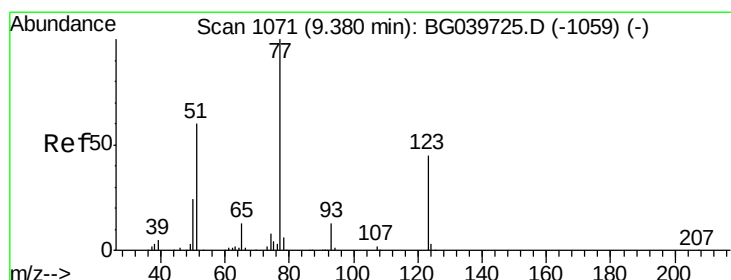
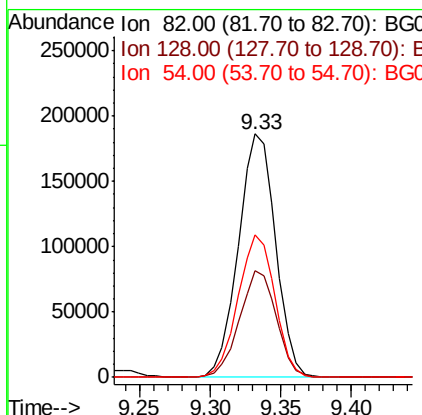
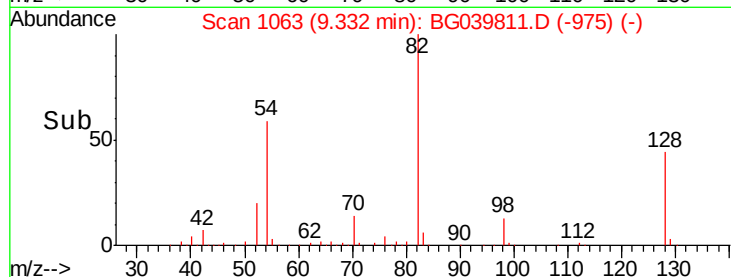
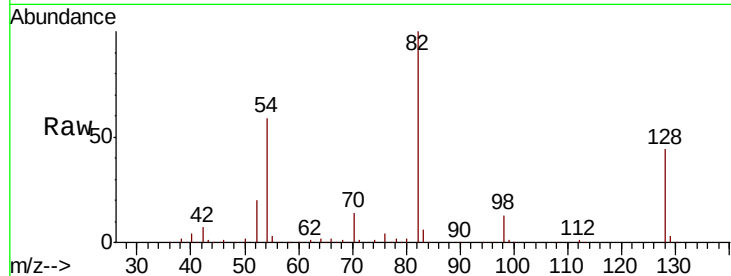
#23
Nitrobenzene-d5
Concen: 93.166 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	343315		
128	43.6	31.3	46.9	
54	58.5	50.9	76.3	

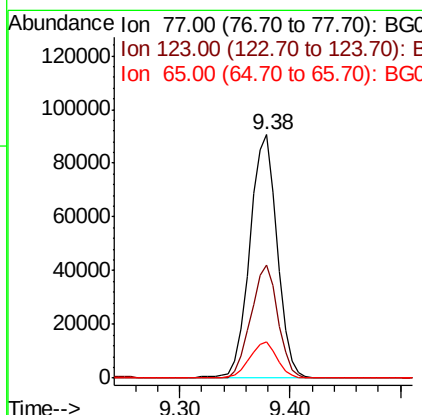
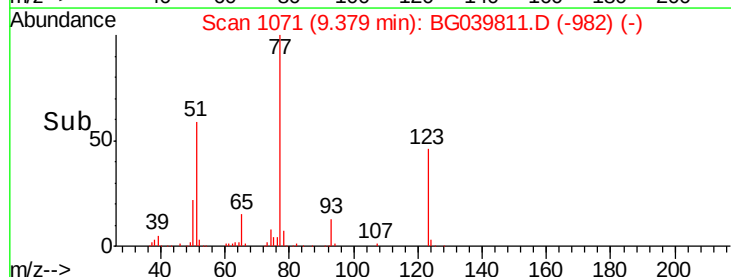
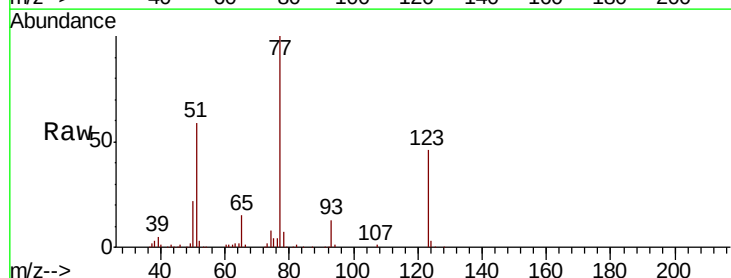
Manual Integrations
APPROVED

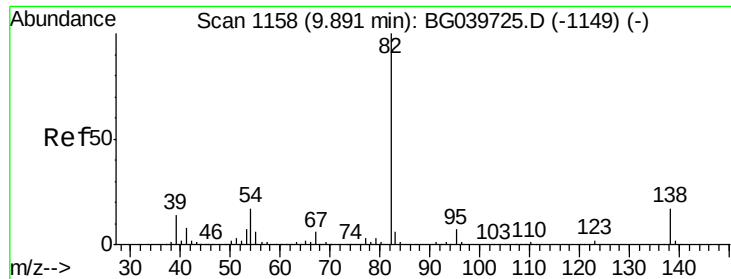
Sohil
3/8/2019 10:48:50 AM



#24
Nitrobenzene
Concen: 40.849 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	157912		
123	46.2	34.1	51.1	
65	15.1	12.3	18.5	





#25

Isophorone

Concen: 40.325 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

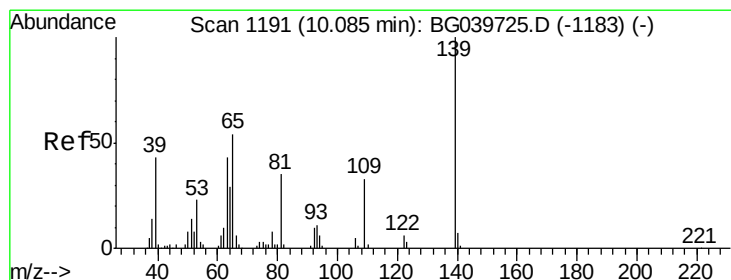
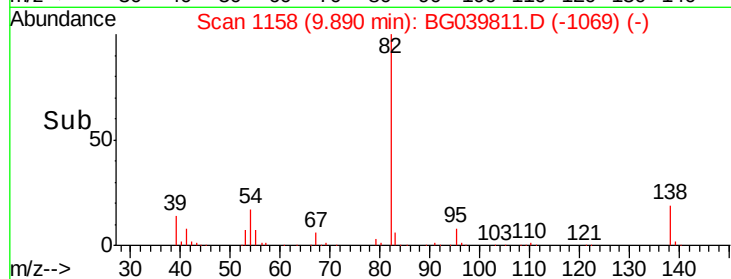
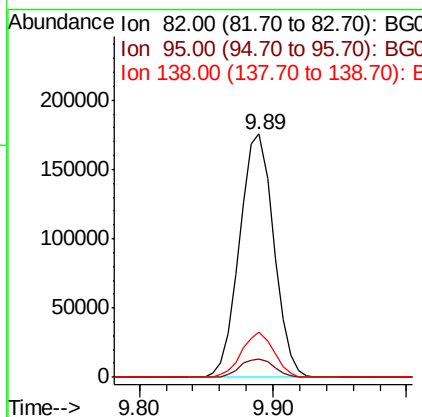
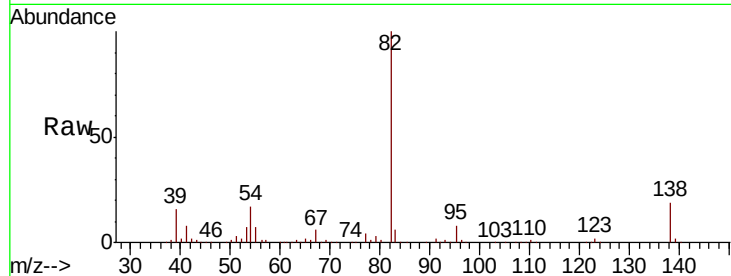
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	82	Resp:	311360
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	18.6	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.305 ng

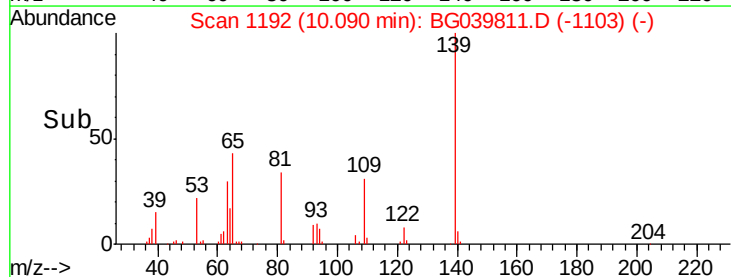
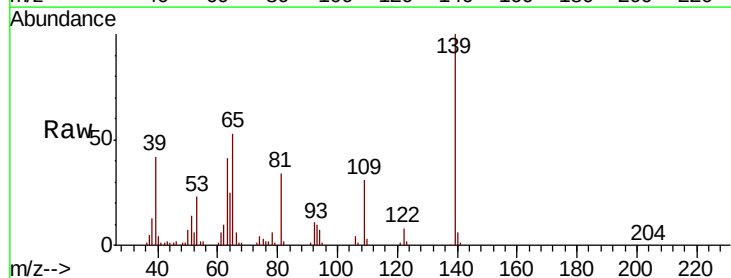
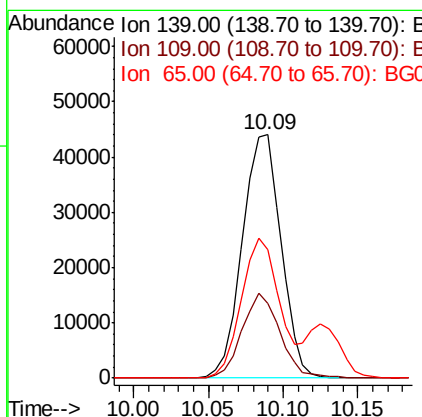
RT: 10.09 min Scan# 1192

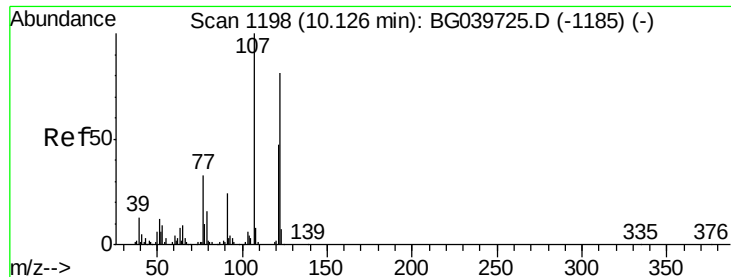
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	139	Resp:	78962
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.4	35.0
65	52.9	44.3	66.5





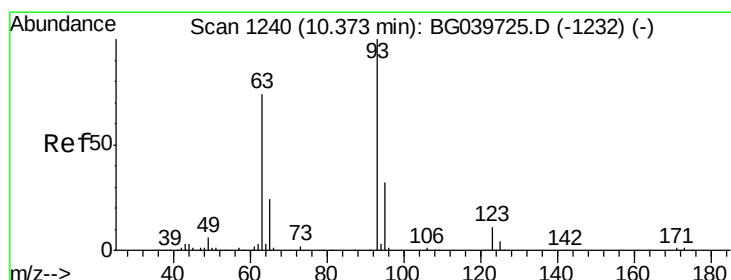
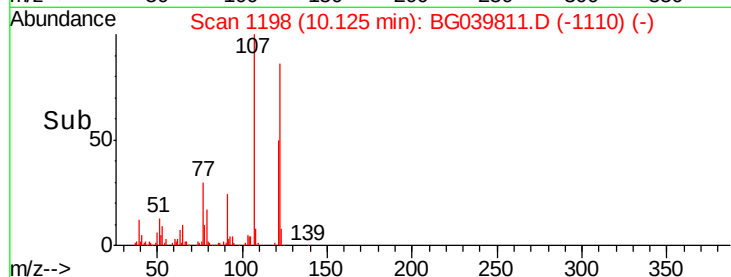
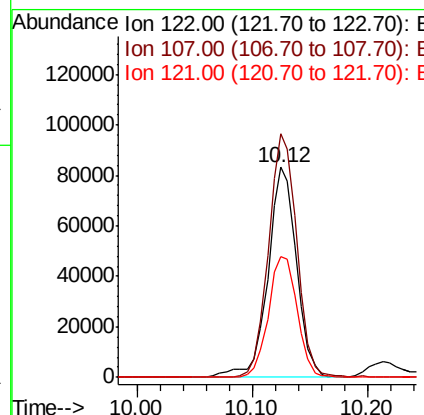
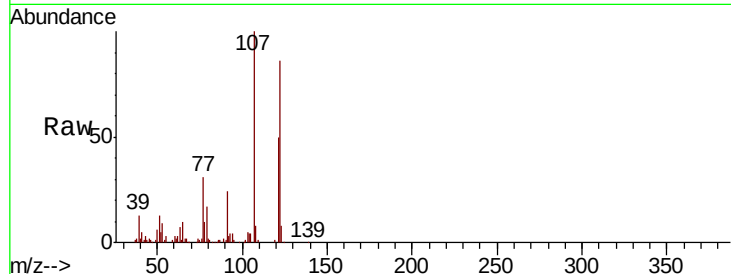
#27
2,4-Dimethylphenol
Concen: 49.587 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.7	137.5
121	57.6	46.4	69.6

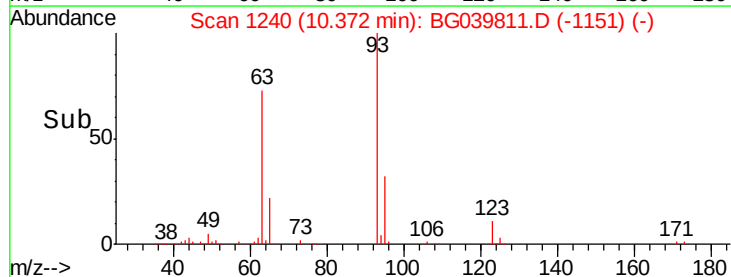
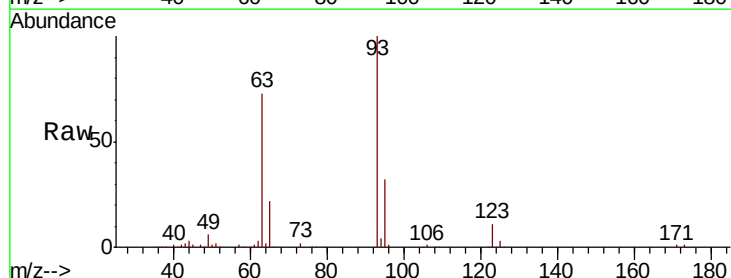
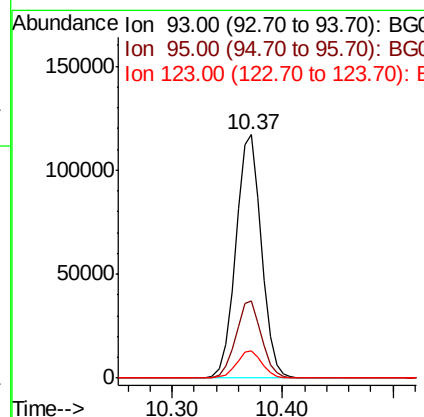
Manual Integrations
APPROVED

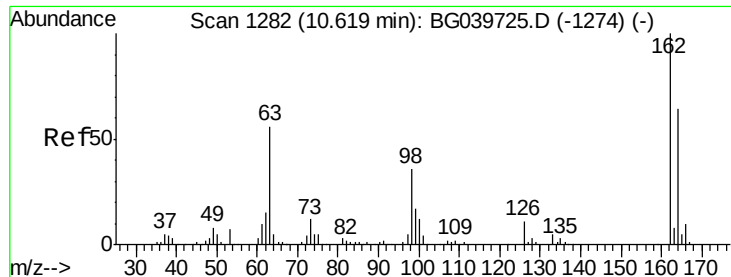
Sohil
3/8/2019 10:48:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.434 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	11.3	8.6	12.8





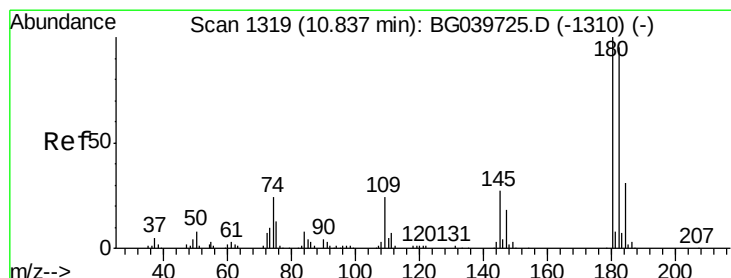
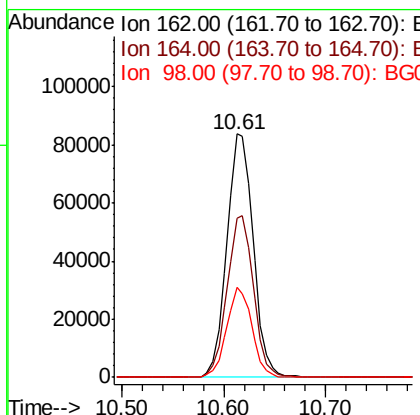
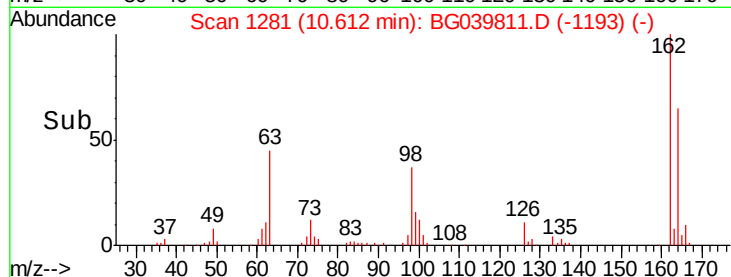
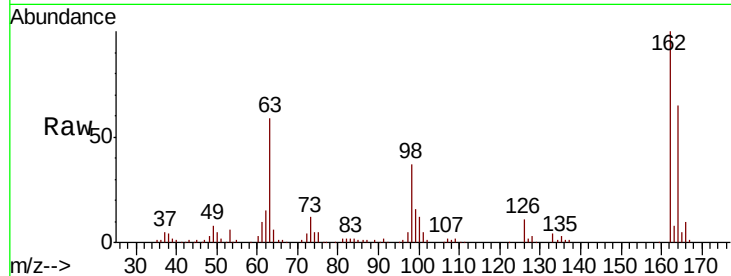
#29
2,4-Dichlorophenol
Concen: 46.180 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	150933		
164	65.2	48.1	88.1	
98	36.7	18.1	58.1	

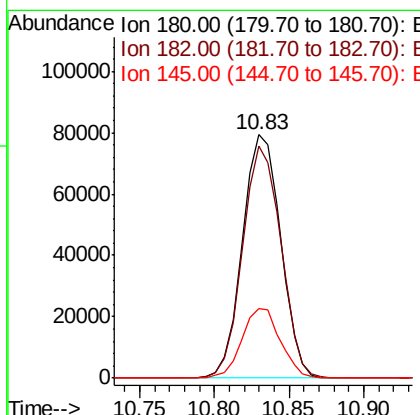
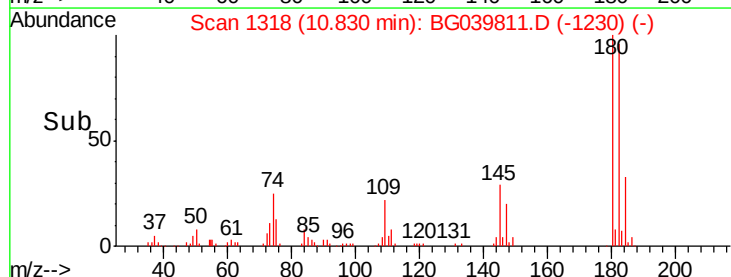
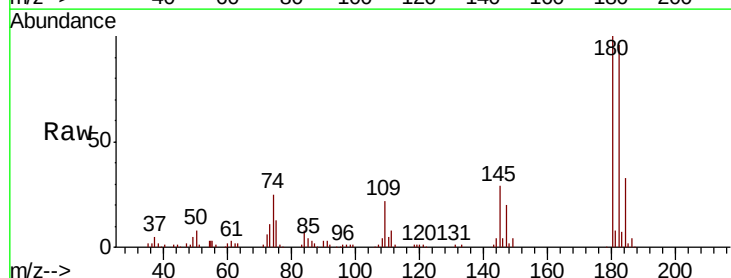
Manual Integrations
APPROVED

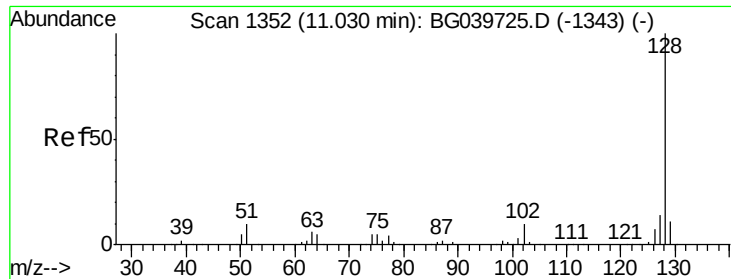
Sohil
3/8/2019 10:48:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.305 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140874		
182	95.5	76.0	114.0	
145	28.8	22.7	34.1	





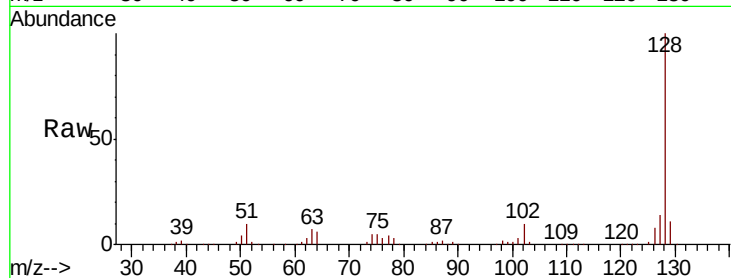
#31
Naphthalene
Concen: 39.407 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.7	10.8	16.2

Manual Integrations
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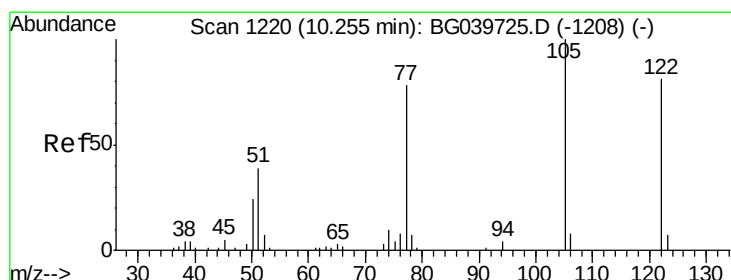
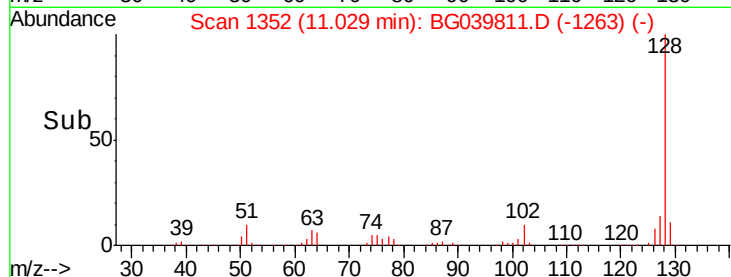
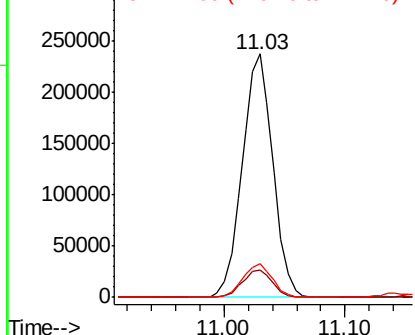


Abundance

Ion 128.00 (127.70 to 128.70): E

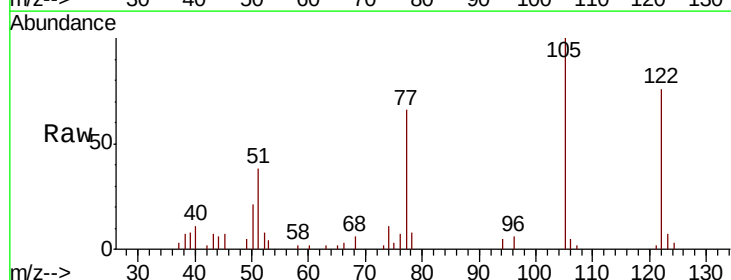
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.617 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	101.8	141.8
77	86.2	76.3	116.3

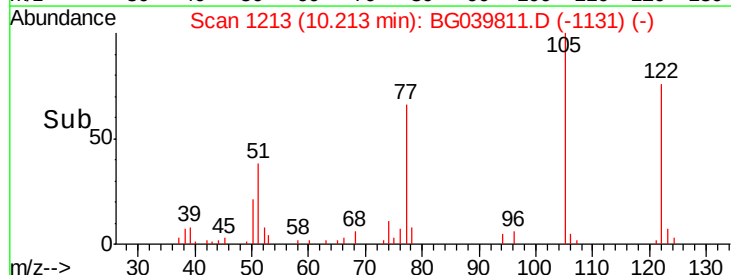
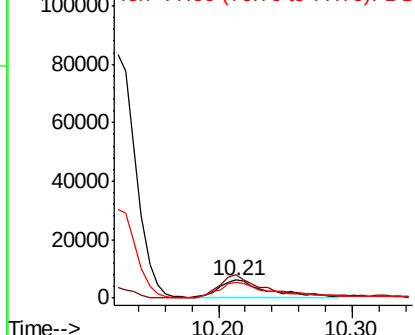


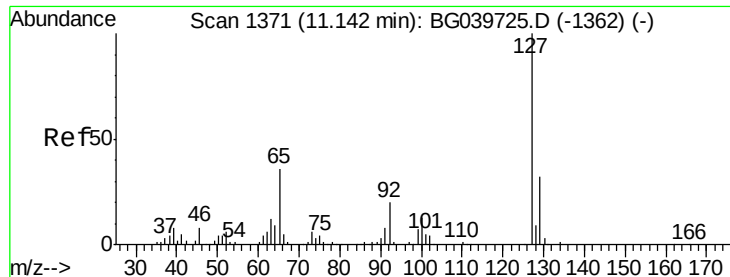
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





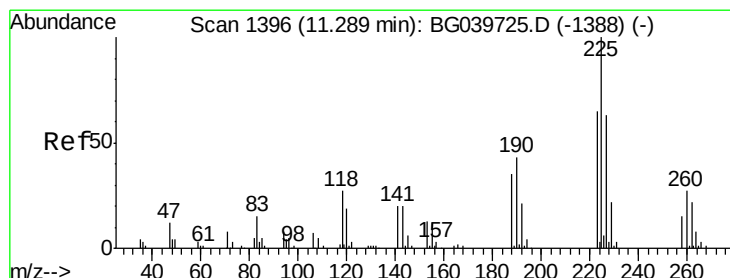
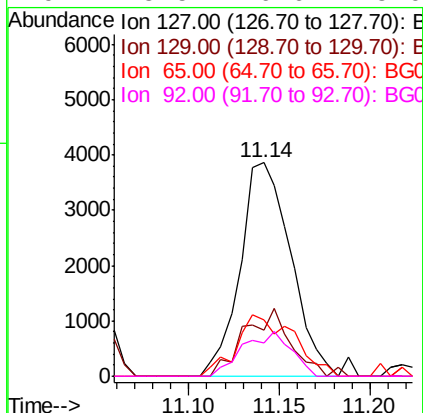
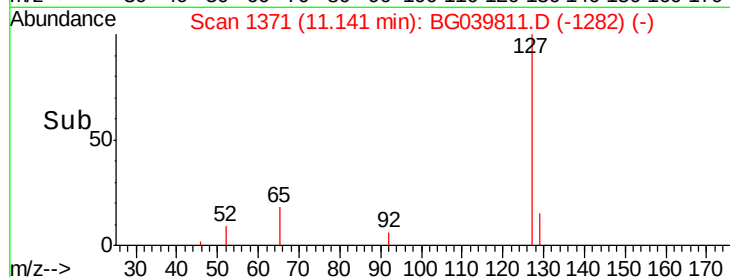
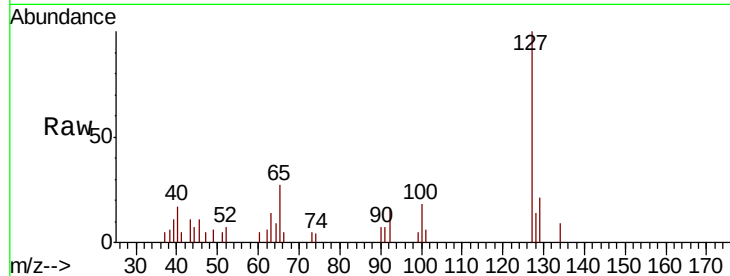
#33
4-Chloroaniline
Concen: 1.681 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	21.4	27.0	40.4#
65	26.6	28.8	43.2#
92	15.5	16.6	25.0#

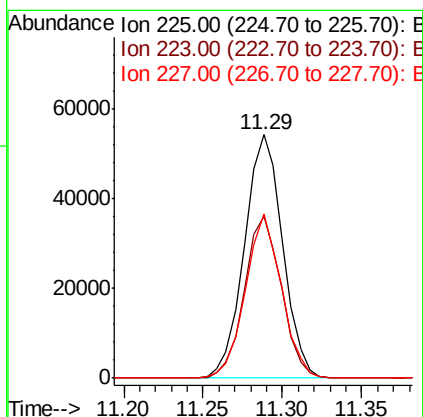
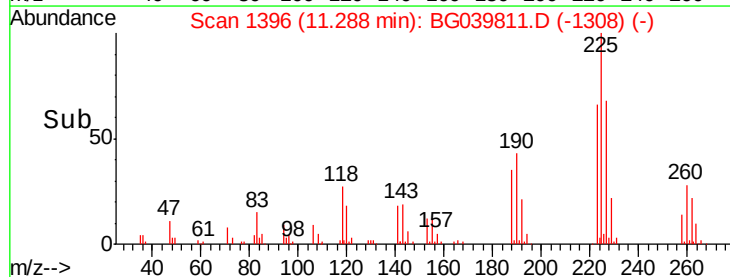
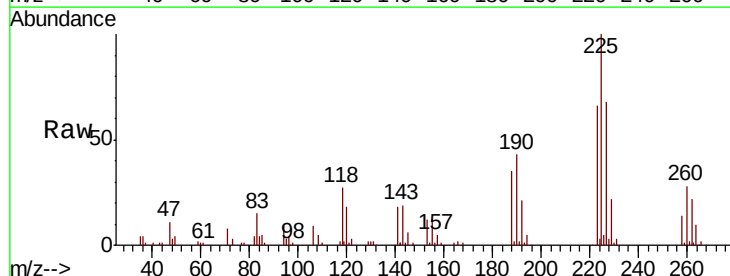
Manual Integrations
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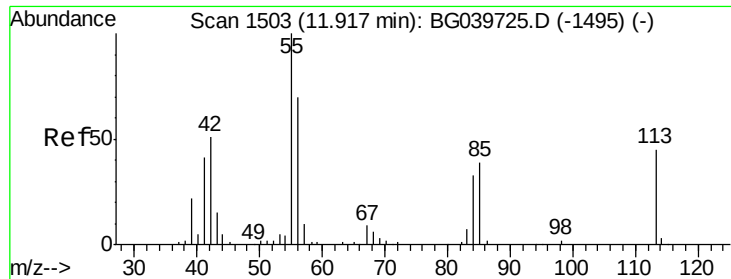
Sohil
3/8/2019 10:48:50 AM



#34
Hexachlorobutadiene
Concen: 36.072 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.0	73.6
227	67.5	46.3	69.5





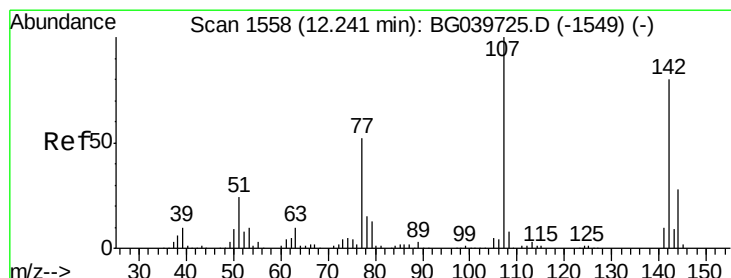
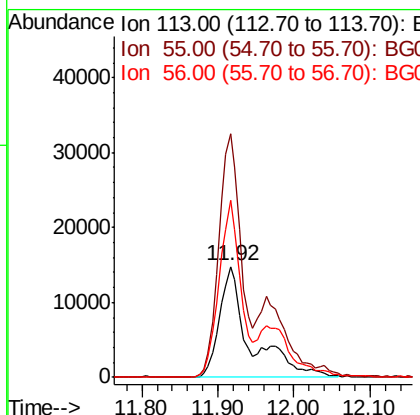
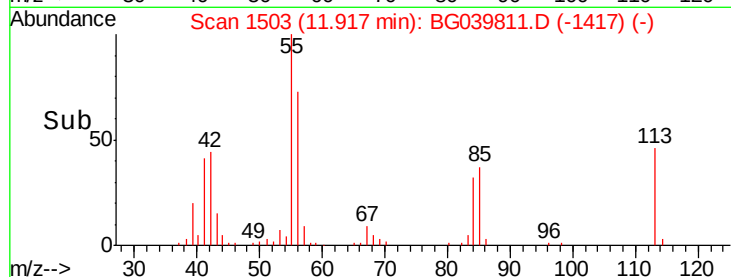
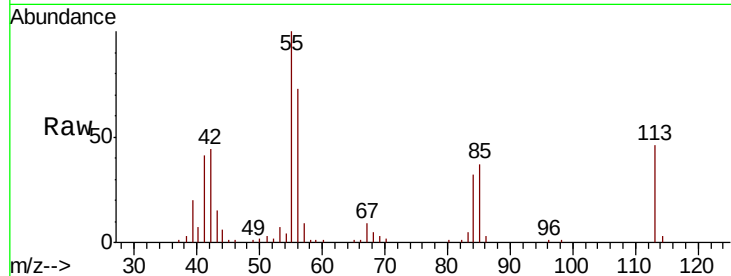
#35
Caprolactam
Concen: 33.106 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion: 113 Resp: 41332
Ion Ratio Lower Upper
113 100
55 219.3 216.9 256.9
56 159.5 152.6 192.6

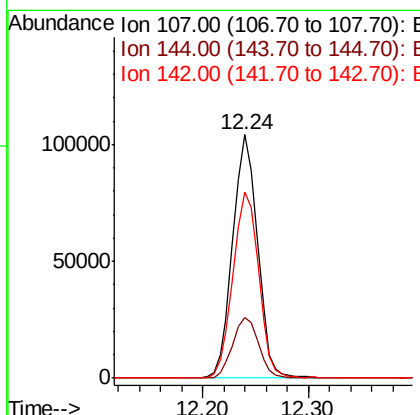
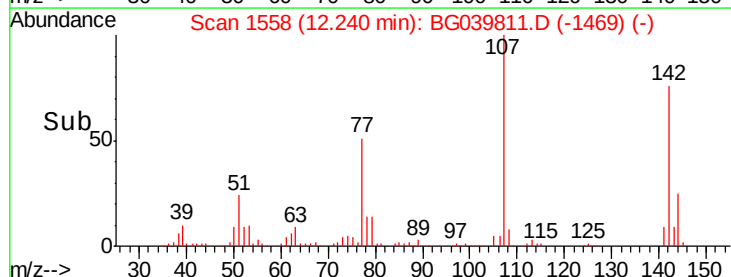
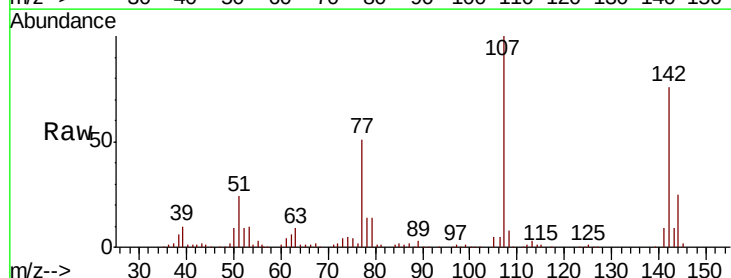
Manual Integrations
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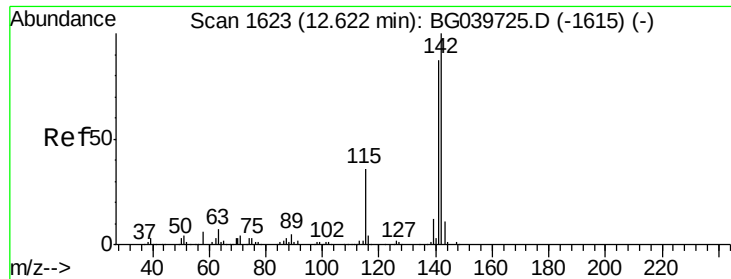
Sohil
3/8/2019 10:48:50 AM



#36
4-Chloro-3-methylphenol
Concen: 45.368 ng/ml
RT: 12.24 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion: 107 Resp: 169972
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 76.3 61.4 92.2





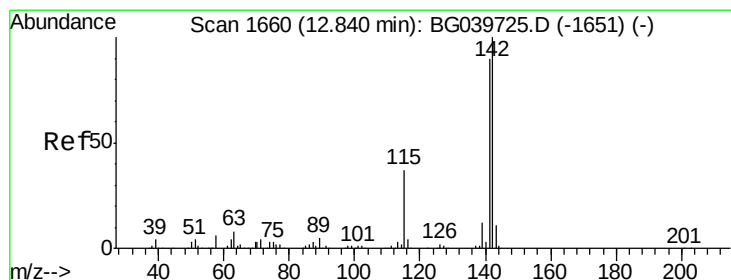
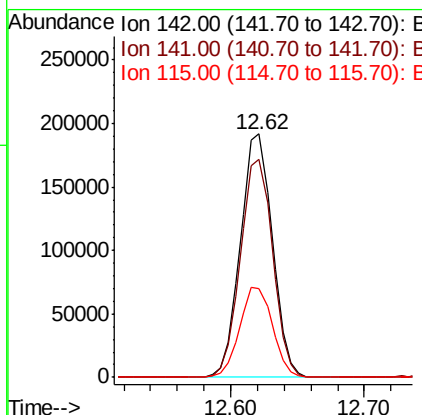
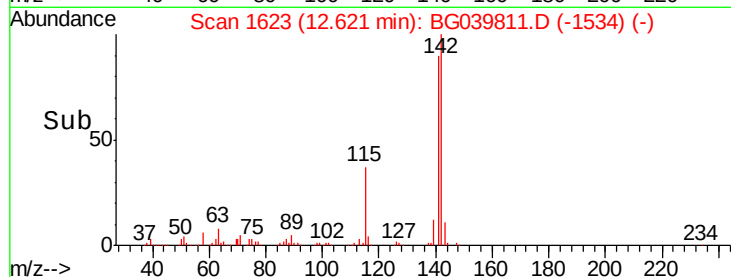
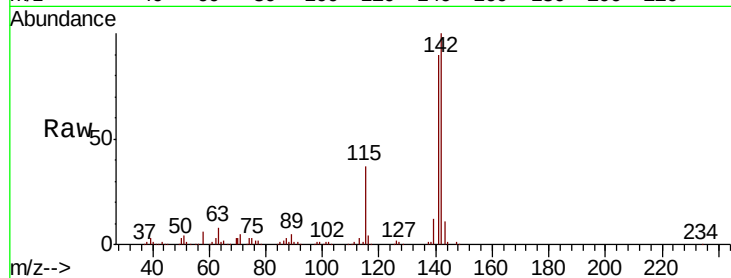
#37
2-Methylnaphthalene
Concen: 40.274 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	36.6	30.8	46.2

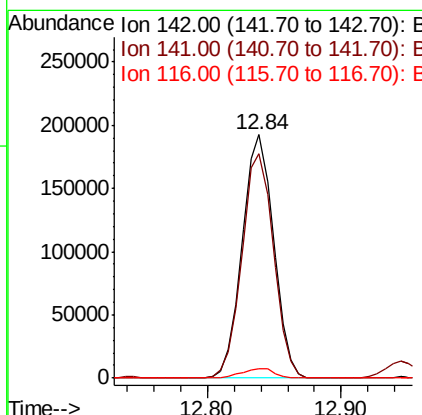
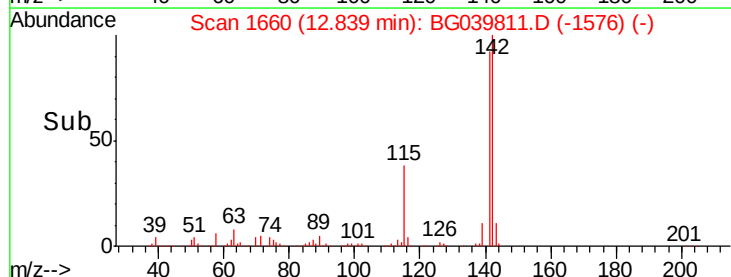
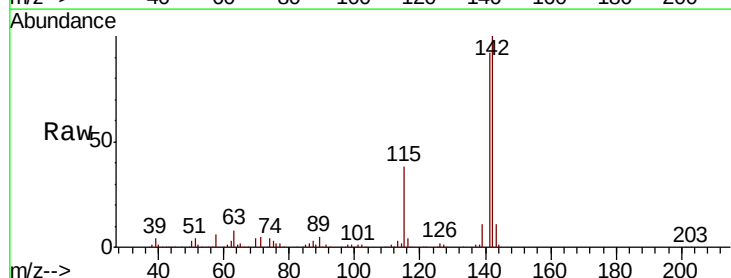
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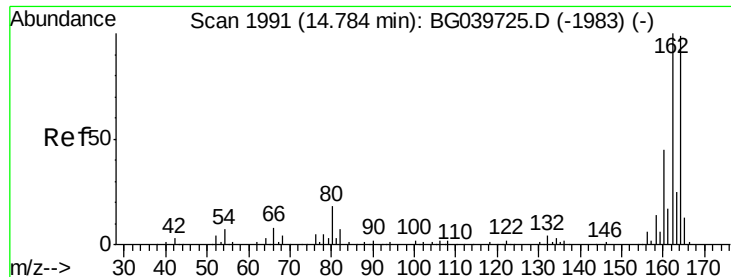
Sohil
3/8/2019 10:48:50 AM



#38
1-Methylnaphthalene
Concen: 40.700 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

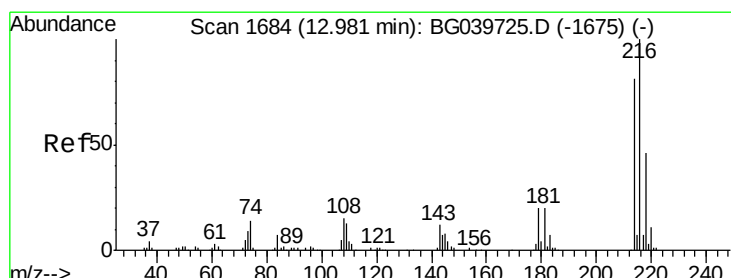
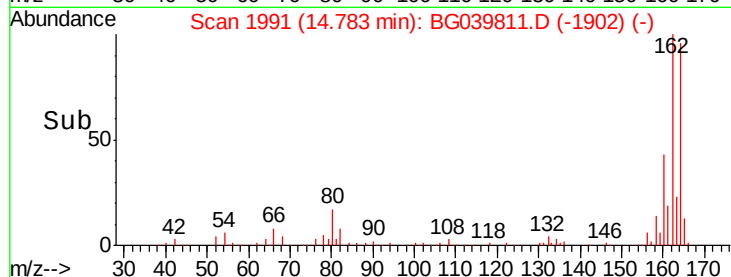
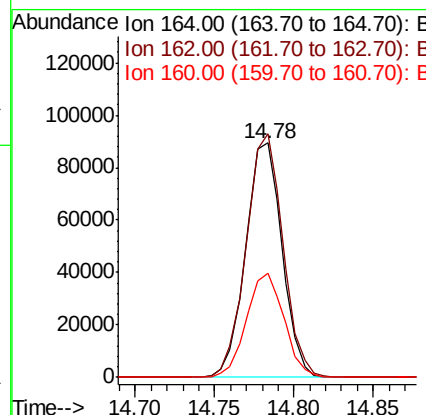
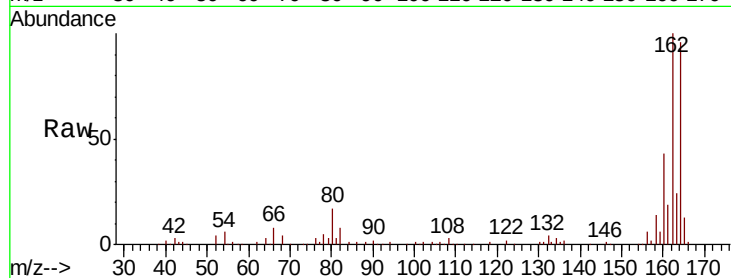
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	164	Resp:	142512
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.6	122.4
160	44.3	34.2	51.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.602 ng

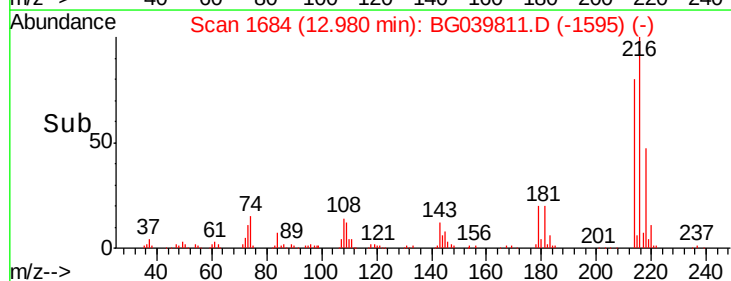
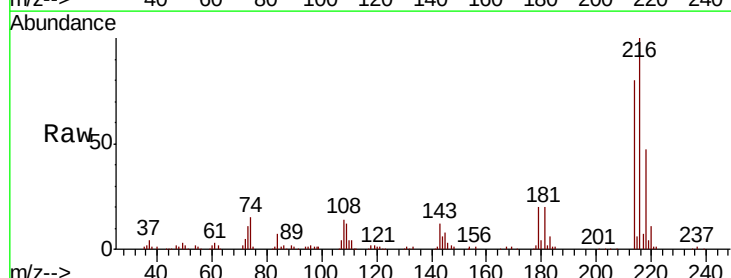
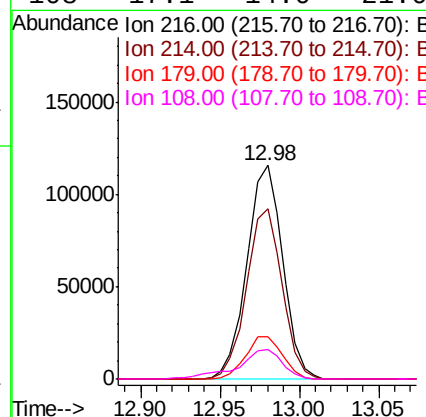
RT: 12.98 min Scan# 1684

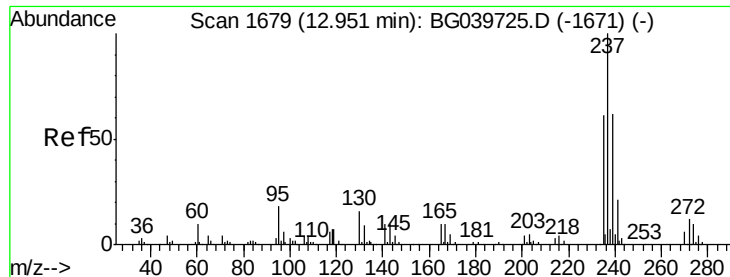
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	216	Resp:	181539
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	20.5	16.6	25.0
108	17.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 74.408 ng

RT: 12.94 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

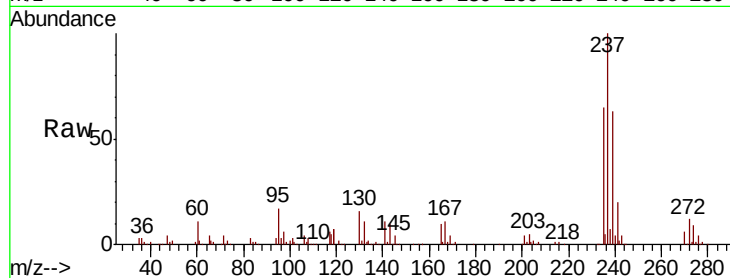
ClientSampleId :

TP-6CD-SMSD

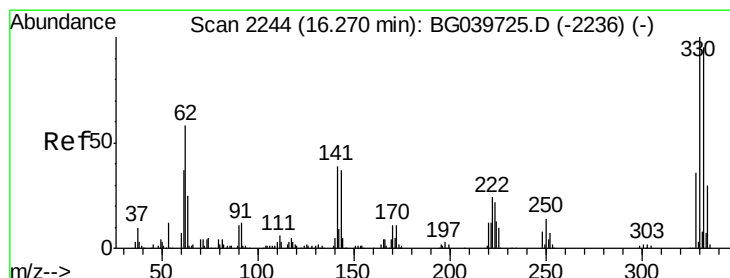
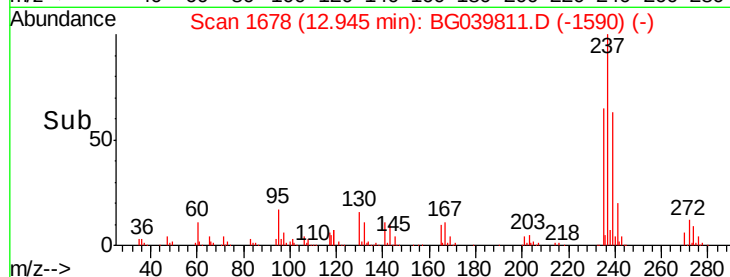
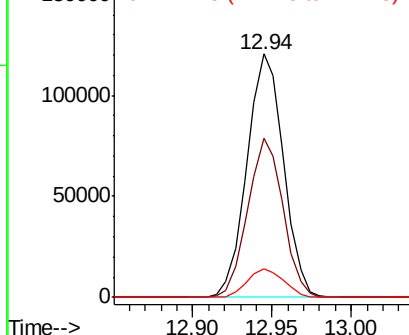
Tot Ion:	237	Resp:	192518
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.3	83.3
272	11.7	0.0	32.3

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: 148.902 ng

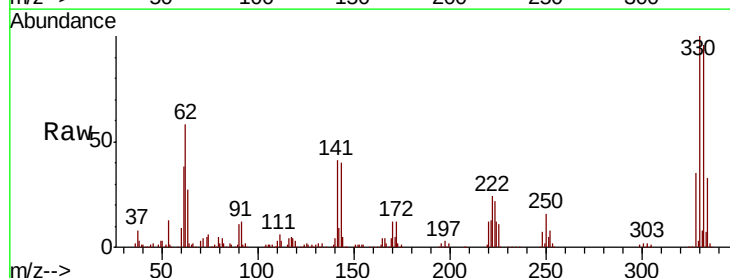
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

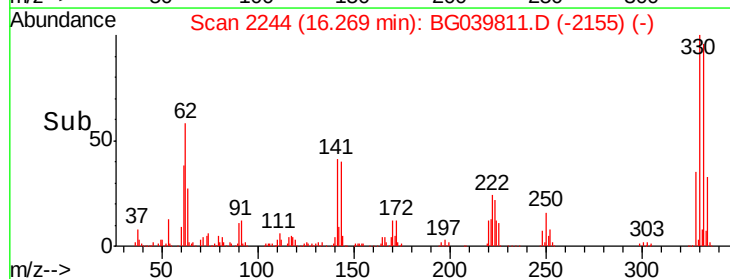
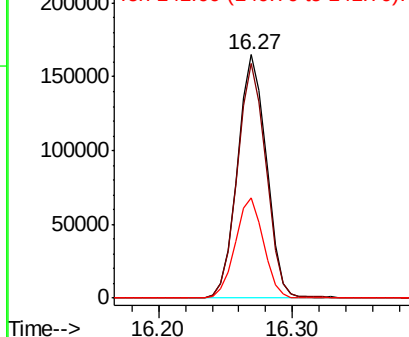
Lab File: BG039811.D

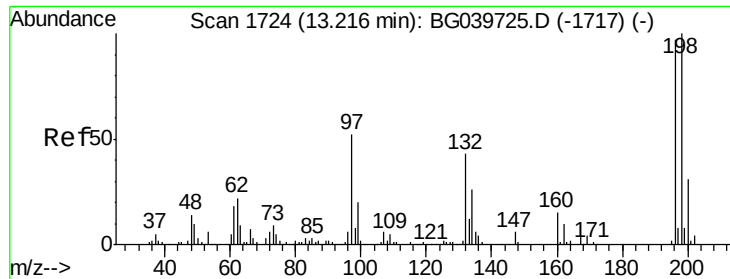
Acq: 7 Mar 2019 20:45

Tgt Ion:	330	Resp:	247339
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	40.3	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





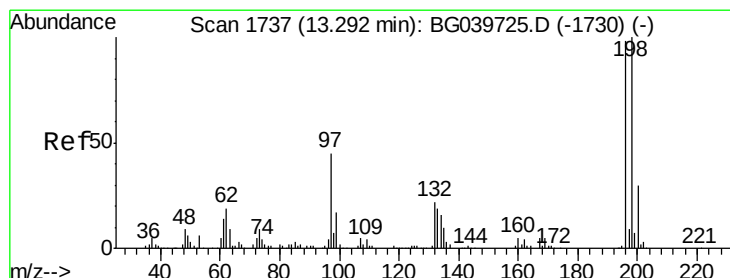
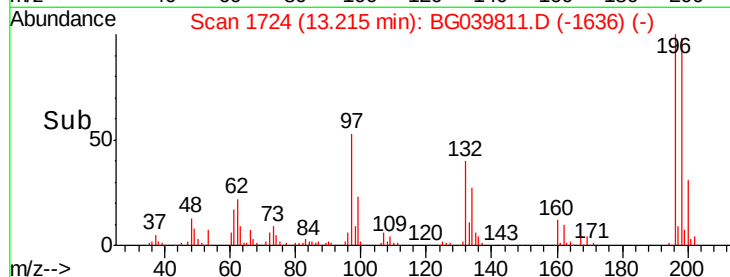
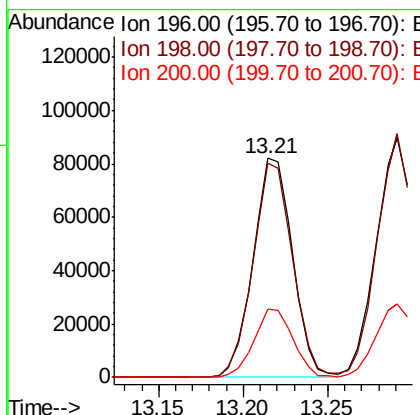
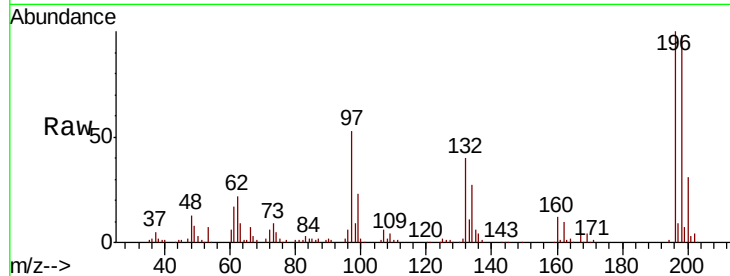
#43
 2,4,6-Trichlorophenol
 Concen: 47.007 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132868		
198	97.7	80.6	121.0	
200	31.3	26.1	39.1	

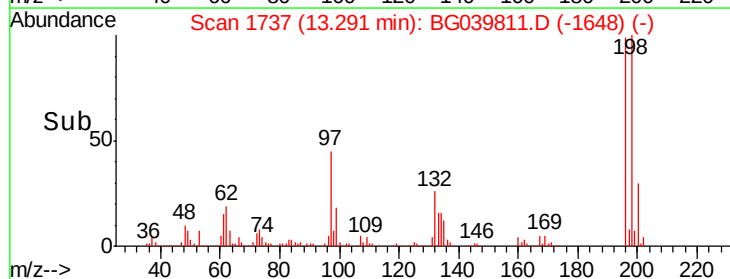
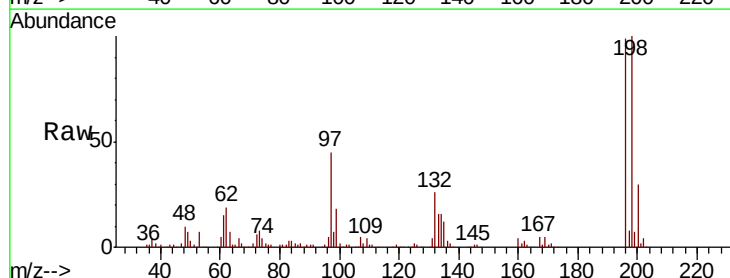
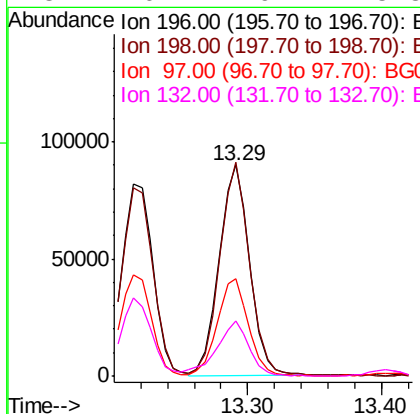
Manual Integrations
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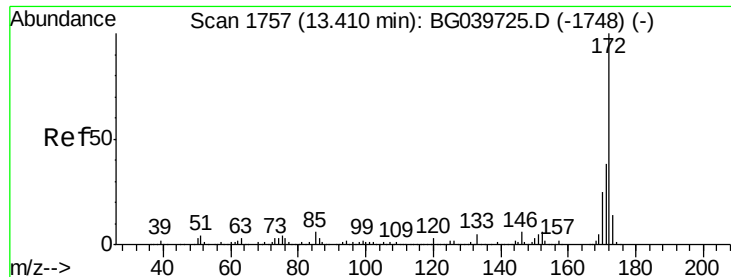
Sohil
 3/8/2019 10:48:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.324 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144402		
198	101.4	78.5	117.7	
97	46.1	38.4	57.6	
132	26.2	19.2	28.8	





#45

2-Fluorobiphenyl

Concen: 83.796 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

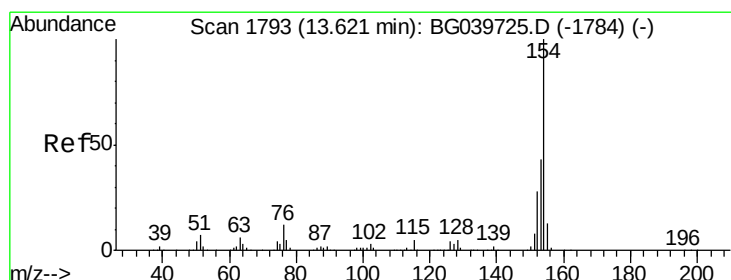
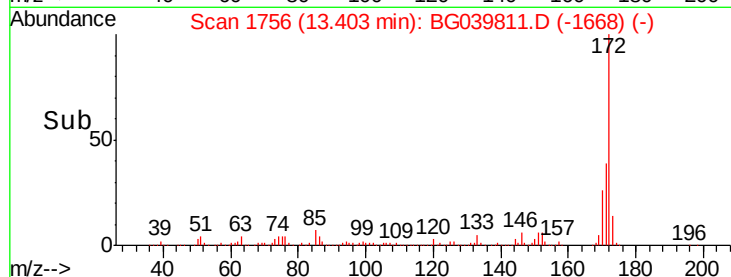
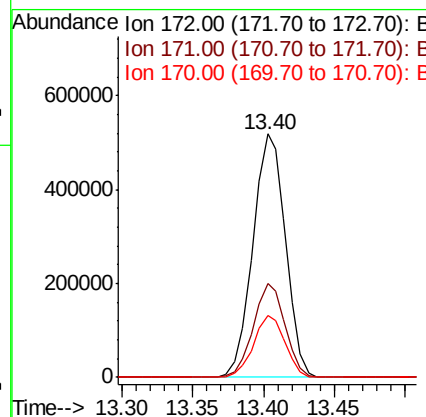
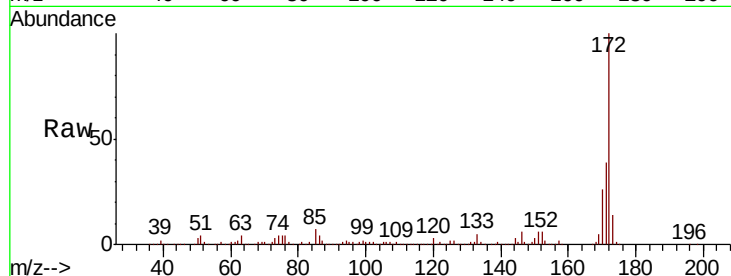
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	172	Resp:	838722
Ion Ratio	Lower	Upper	
172	100		
171	38.5	30.8	46.2
170	25.6	20.2	30.4

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#46

1,1'-Biphenyl

Concen: 38.678 ng

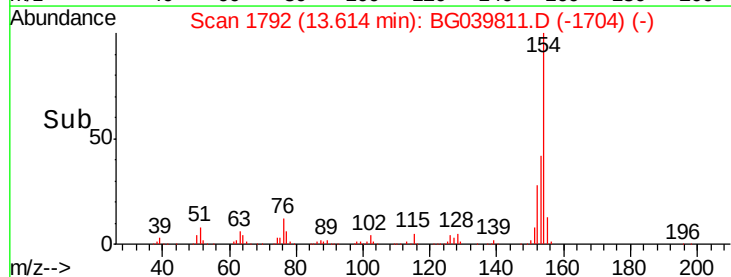
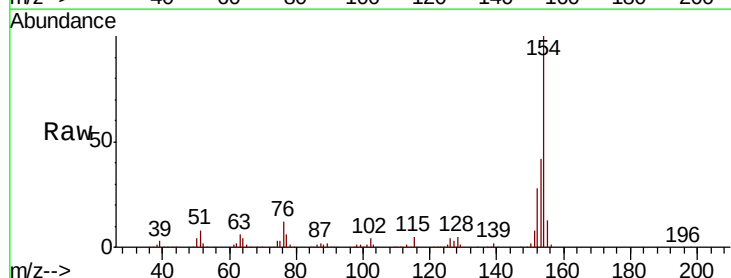
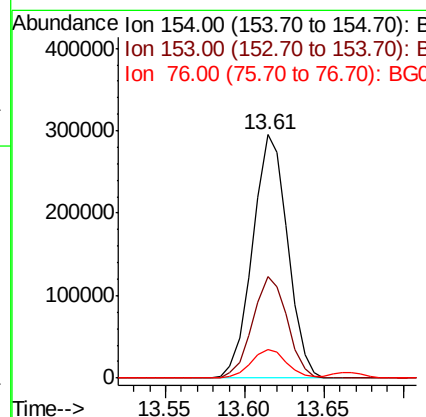
RT: 13.61 min Scan# 1792

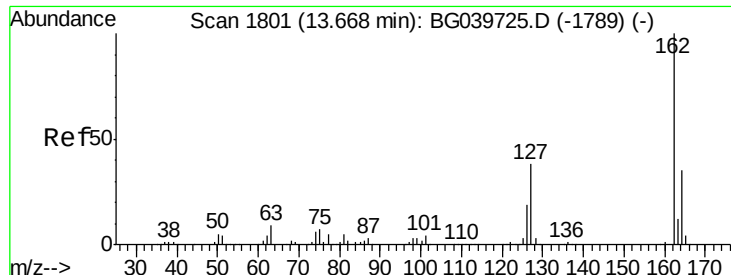
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	154	Resp:	453363
Ion Ratio	Lower	Upper	
154	100		
153	41.9	22.1	62.1
76	11.9	0.0	32.4





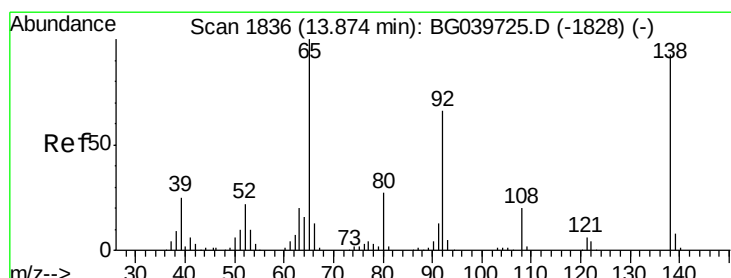
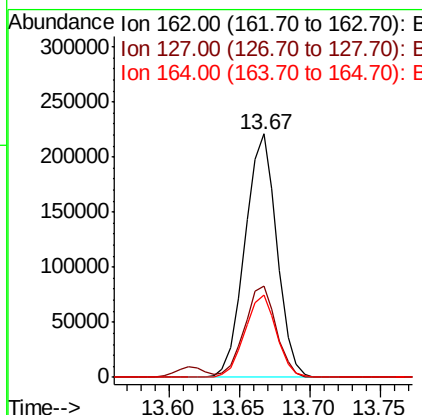
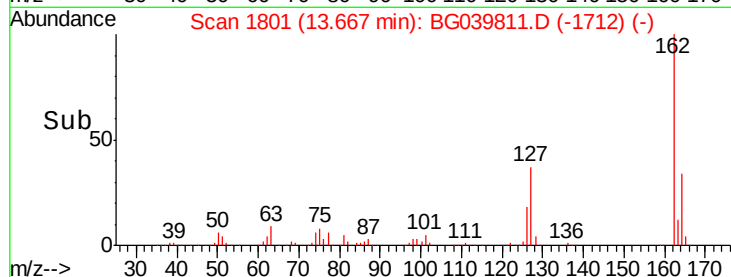
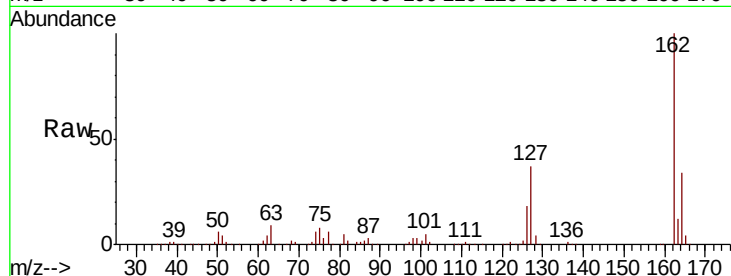
#47
 2-Chloronaphthalene
 Concen: 39.560 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	33.7	25.7	38.5

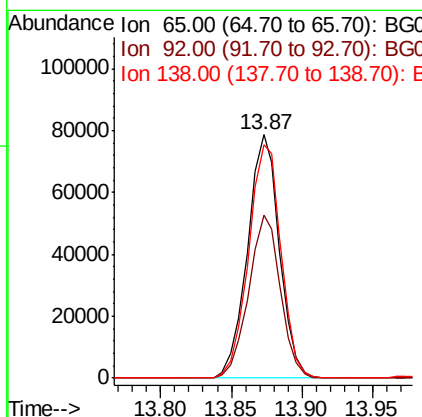
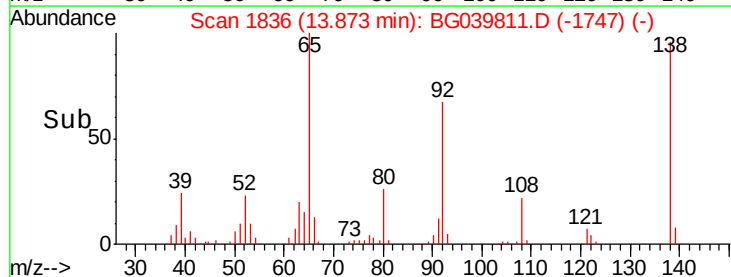
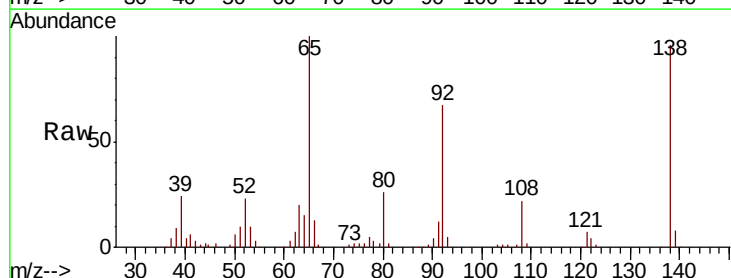
Manual Integrations
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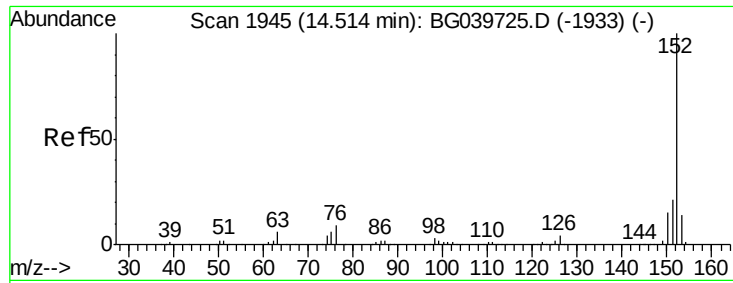
Sohil
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#48
 2-Nitroaniline
 Concen: 44.008 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	51.4	77.2
138	95.6	71.4	107.2





#49

Acenaphthylene

Concen: 39.390 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

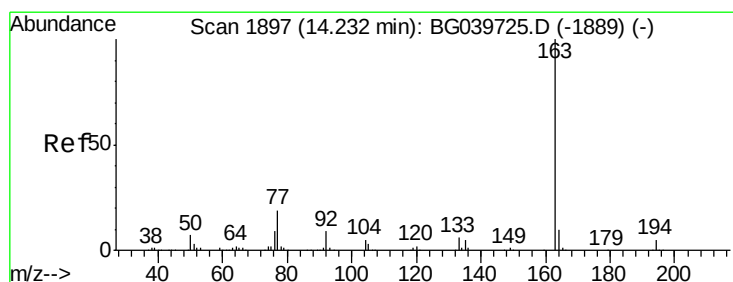
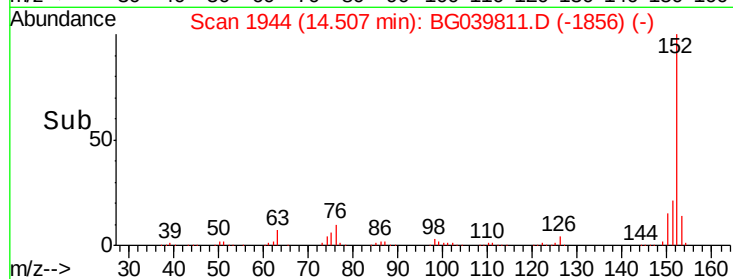
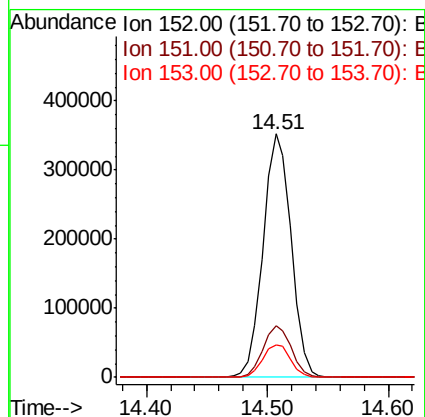
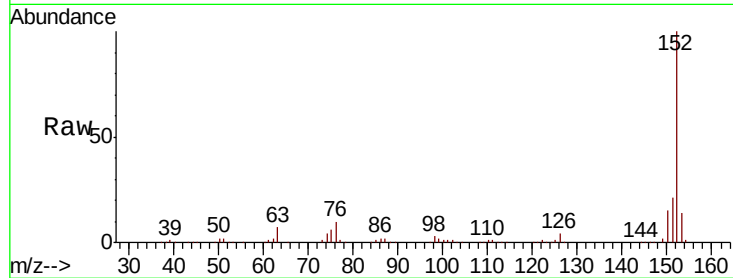
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	152	Resp:	570193
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.5	11.7	17.5

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#50

Dimethylphthalate

Concen: 41.007 ng

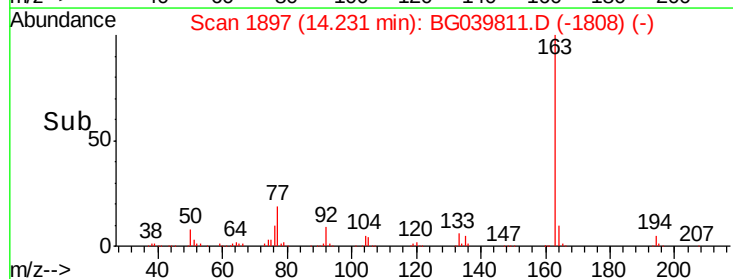
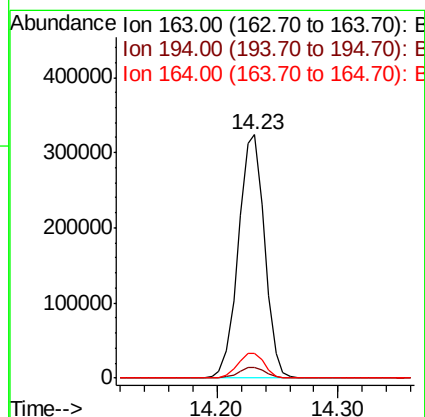
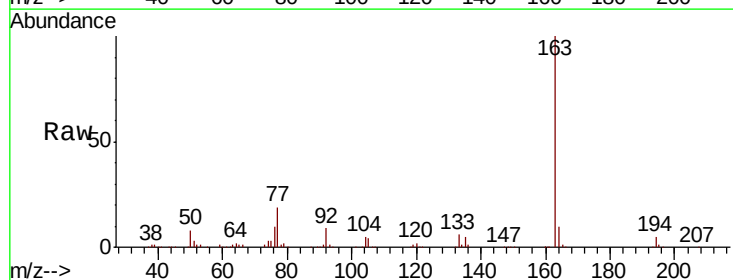
RT: 14.23 min Scan# 1897

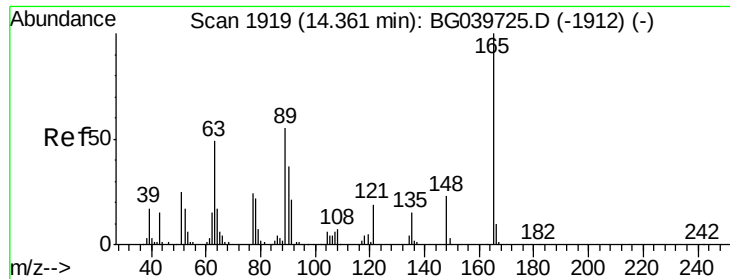
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	163	Resp:	488673
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	9.9	8.4	12.6





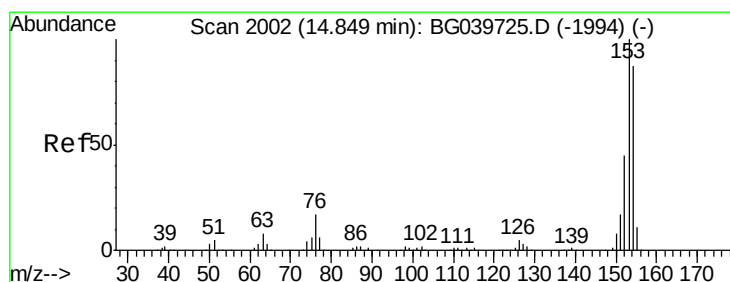
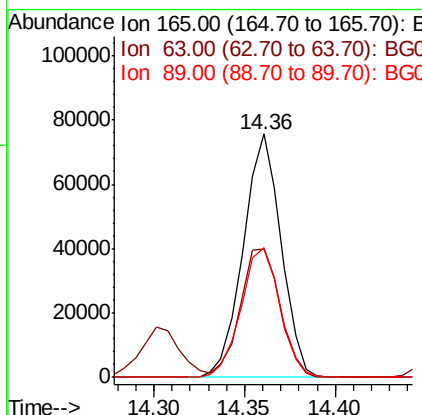
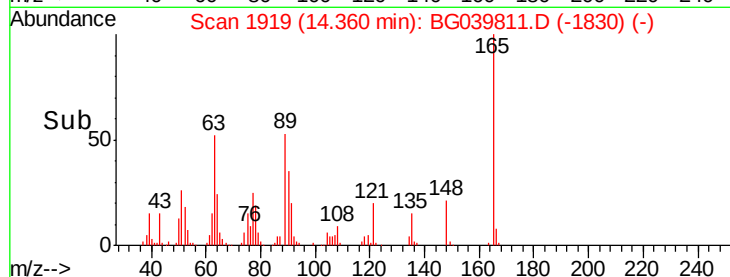
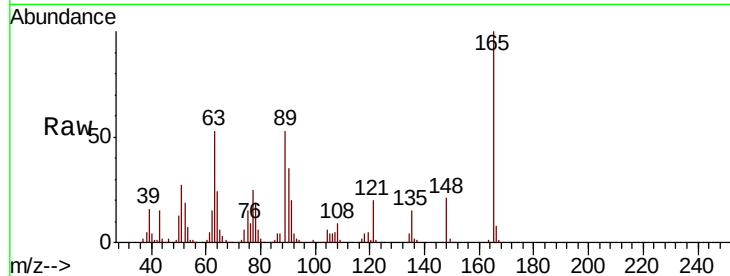
#51
 2,6-Dinitrotoluene
 Concen: 43.374 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	47.0	70.6
89	53.5	45.8	68.8

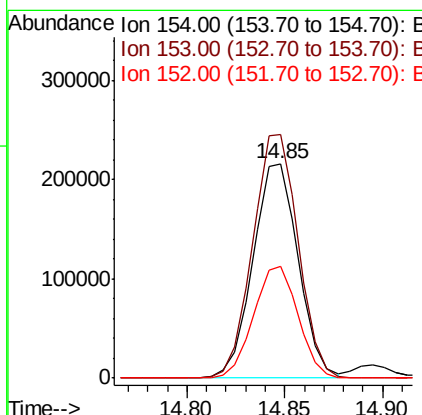
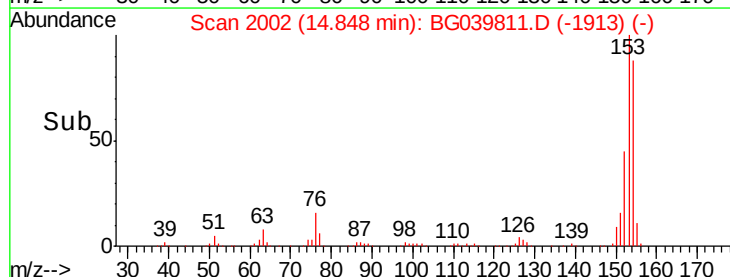
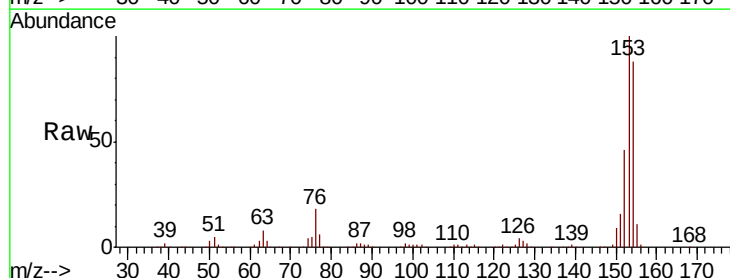
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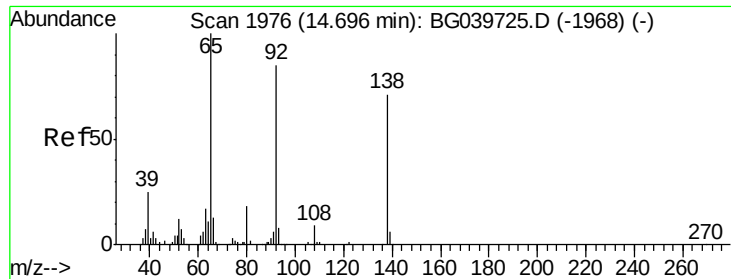
Sohil
 3/8/2019 10:48:50 AM



#52
 Acenaphthene
 Concen: 39.679 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	51.8	40.9	61.3





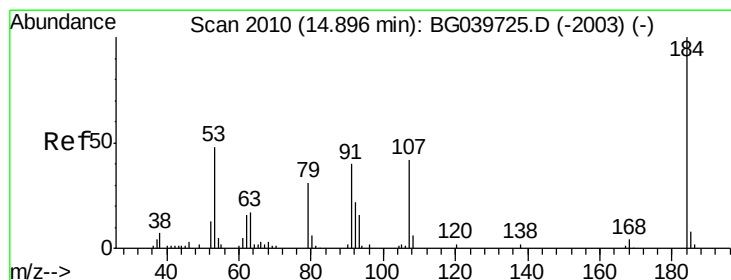
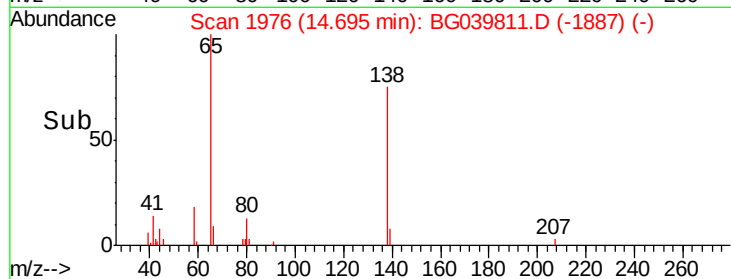
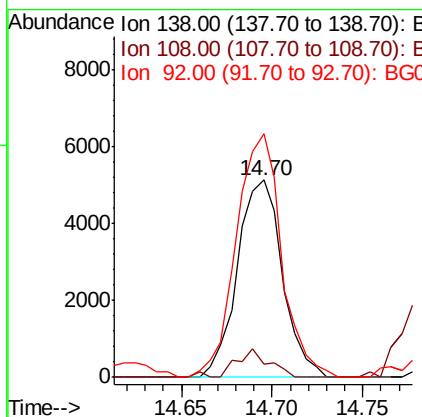
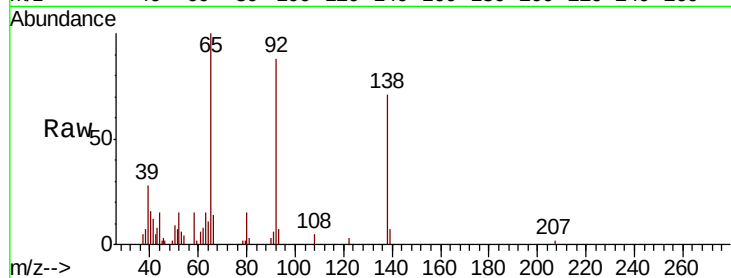
#53
3-Nitroaniline
Concen: 3.491 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion:138 Resp: 8865
Ion Ratio Lower Upper
138 100
108 6.5 13.8 20.8#
92 123.6 103.7 155.5

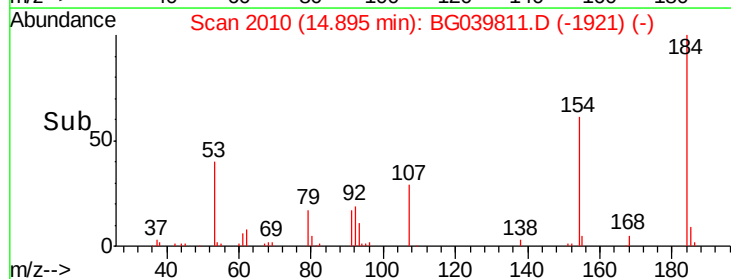
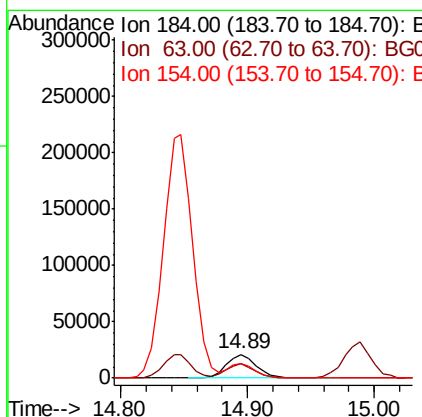
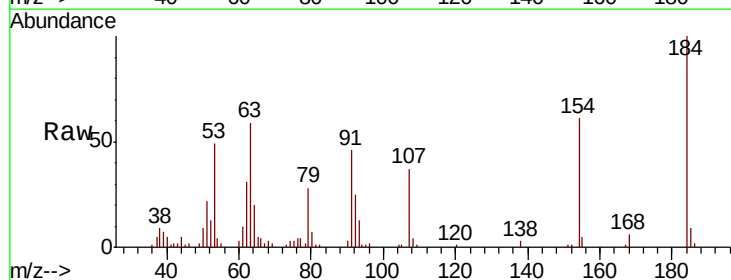
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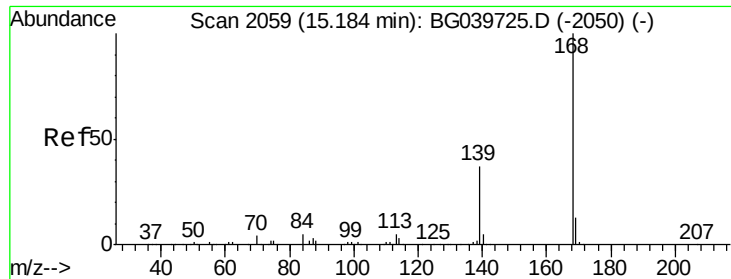
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#54
2,4-Dinitrophenol
Concen: 25.546 ng
RT: 14.89 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion:184 Resp: 34599
Ion Ratio Lower Upper
184 100
63 59.1 50.9 76.3
154 60.9 53.0 79.6





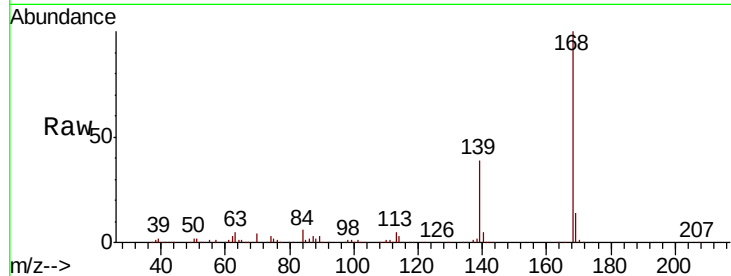
#55
Dibenzofuran
Concen: 39.900 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	14.3	10.6	16.0

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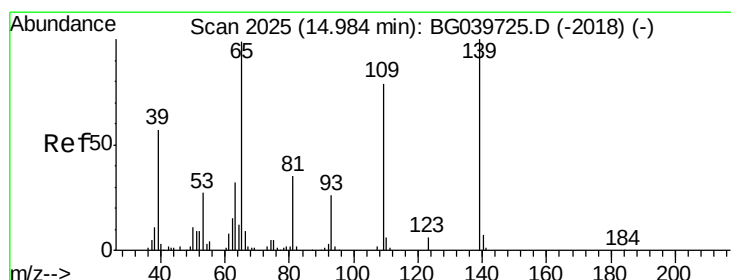
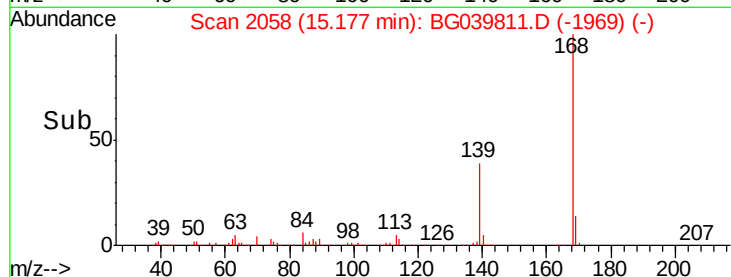
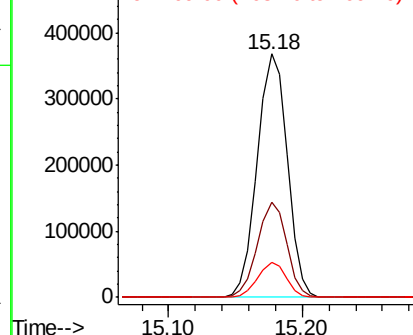


Abundance

Ion 168.00 (167.70 to 168.70): E

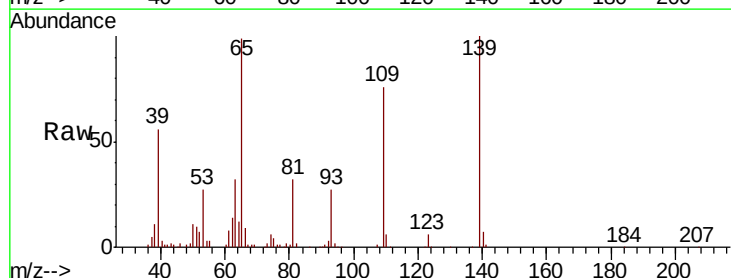
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.103 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	61.9	101.9
65	99.0	99.1	139.1#

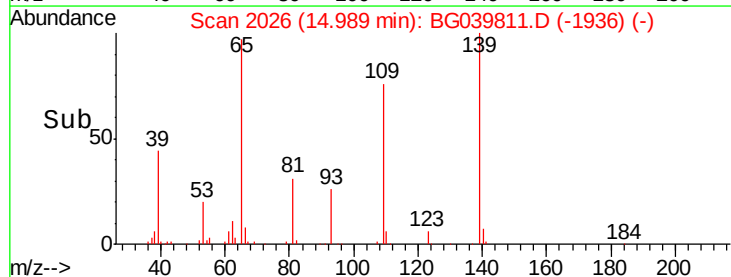
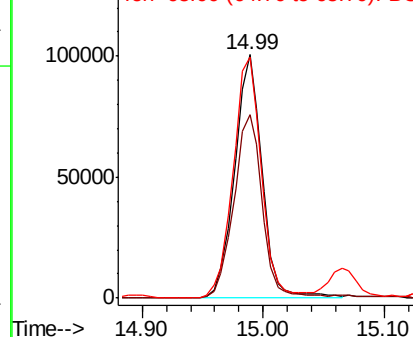


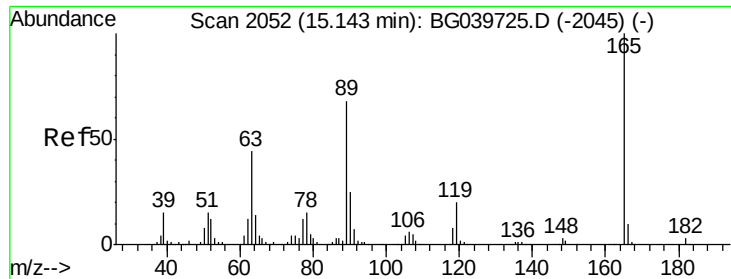
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





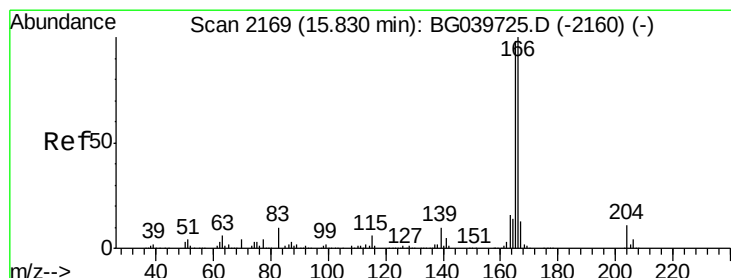
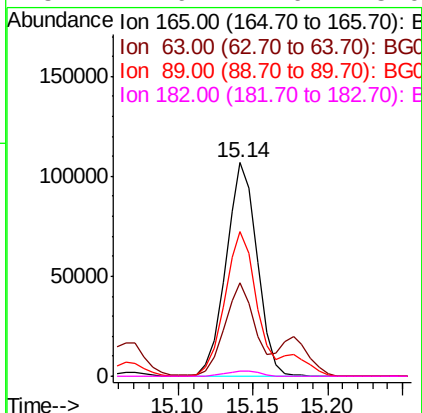
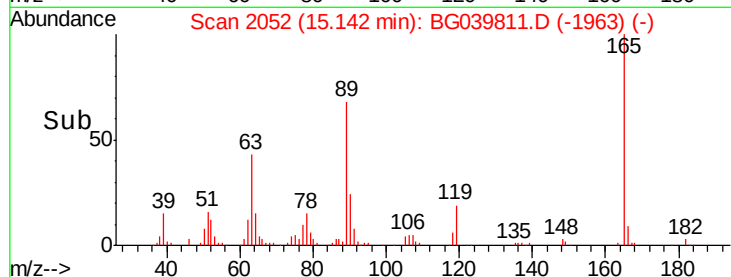
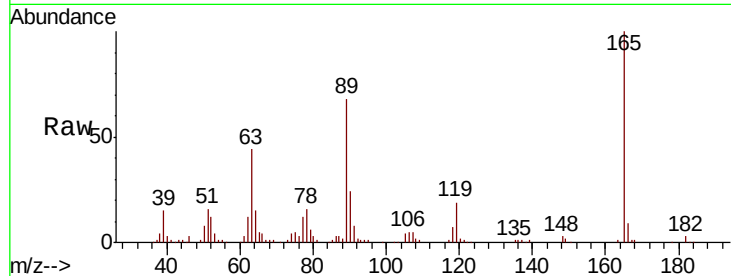
#57
2,4-Dinitrotoluene
Concen: 43.985 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156135		
63	43.6	41.0	61.6	
89	67.9	64.6	96.8	
182	2.6	2.0	3.0	

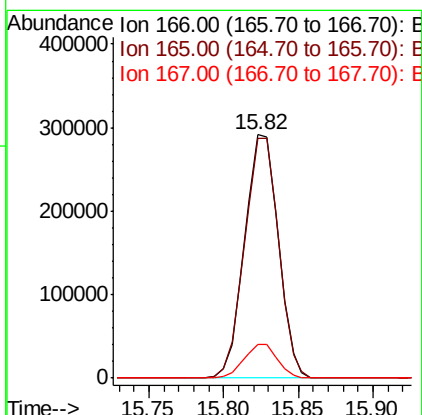
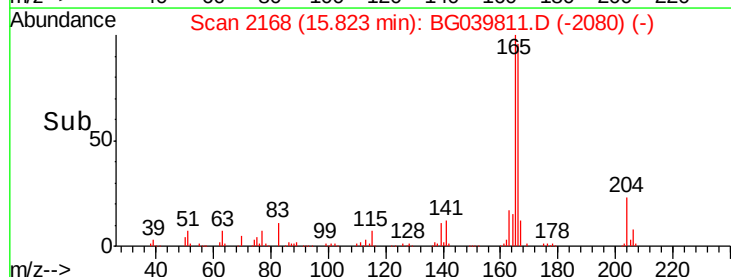
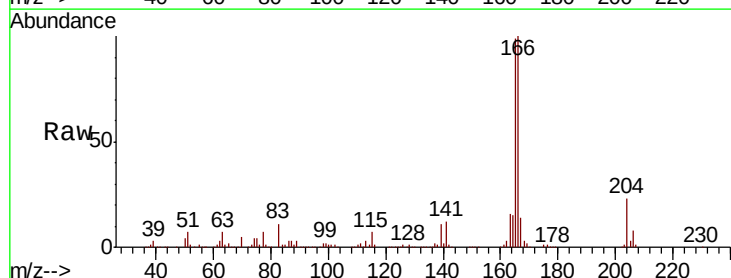
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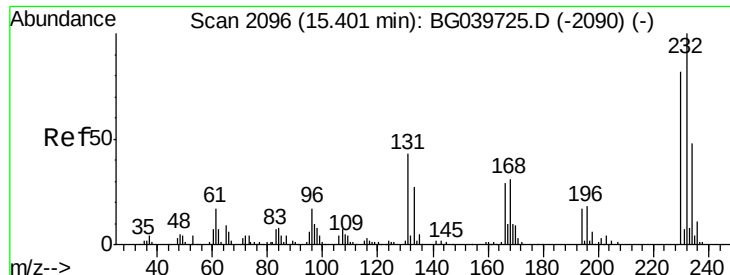
Sohil
3/8/2019 10:48:50 AM



#58
Fluorene
Concen: 40.505 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	455166		
165	98.7	77.9	116.9	
167	13.6	10.8	16.2	





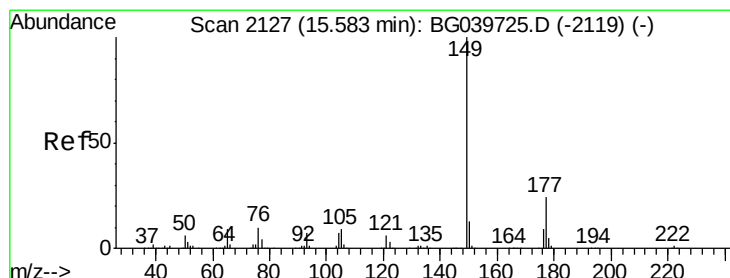
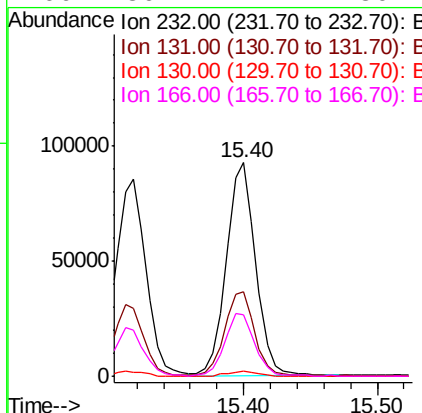
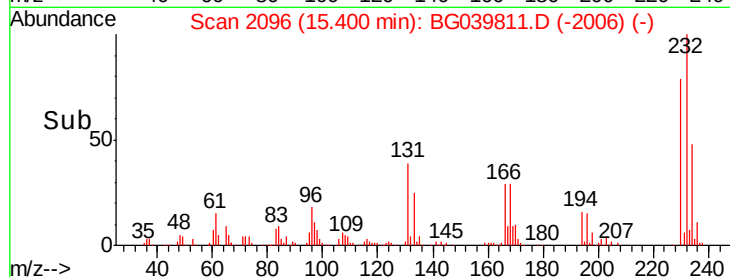
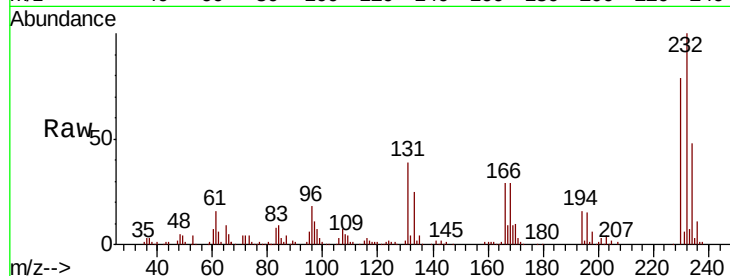
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.645 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampled :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.4	2.0	3.0
166	30.4	24.1	36.1

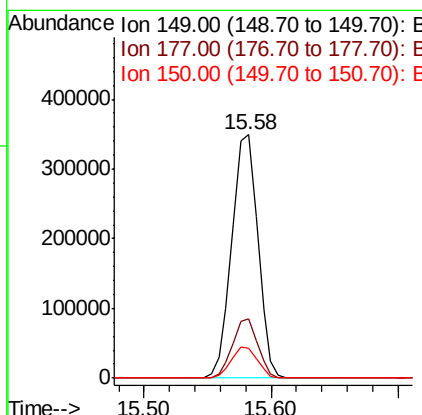
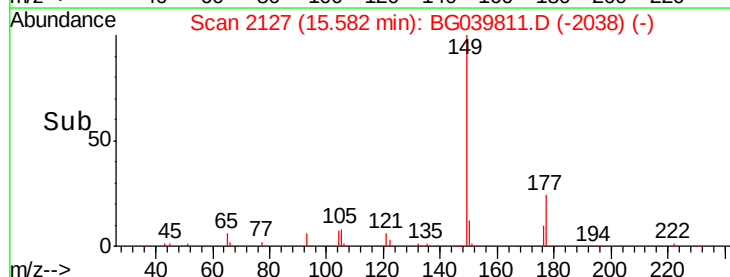
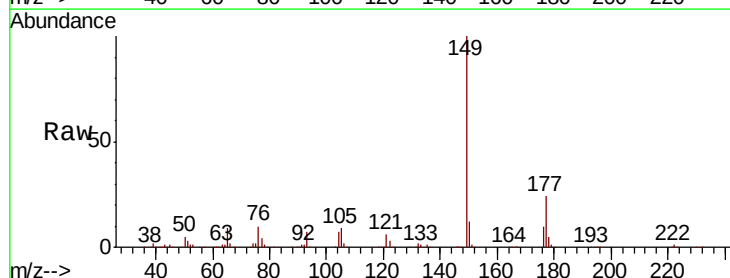
Manual Integrations
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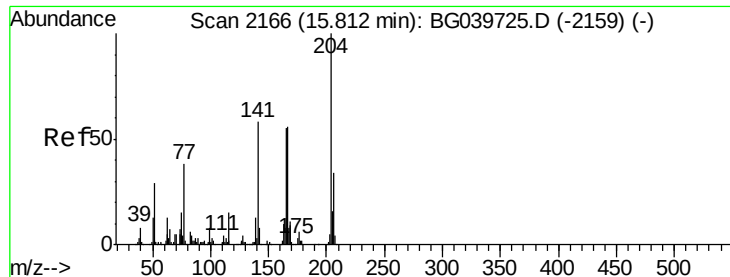
Sohil
3/8/2019 10:48:50 AM



#60
Diethylphthalate
Concen: 42.062 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.3	10.2	15.2





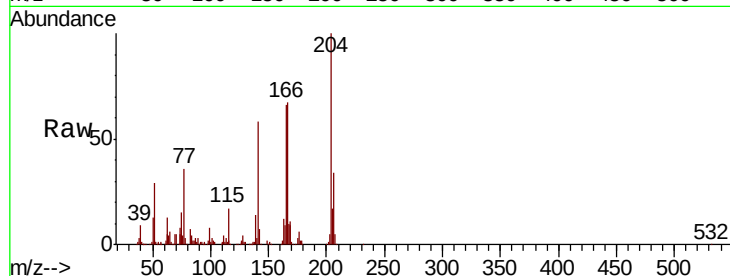
#61
 4-Chlorophenyl-phenylether
 Concen: 40.364 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	29.2	43.8
141	58.3	49.0	73.4

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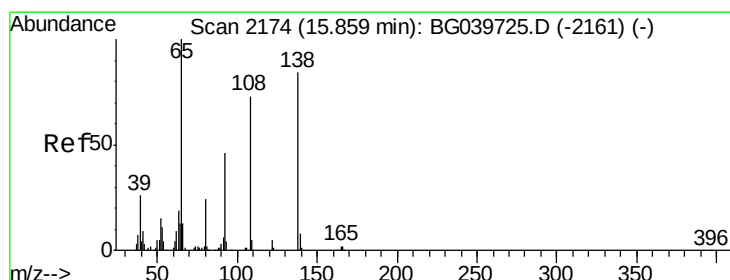
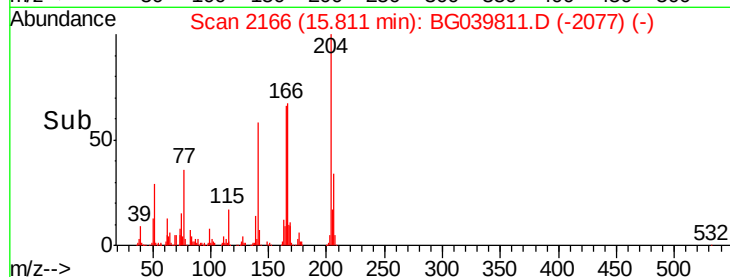
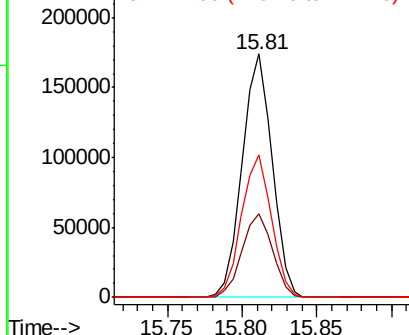


Abundance

Ion 204.00 (203.70 to 204.70): E

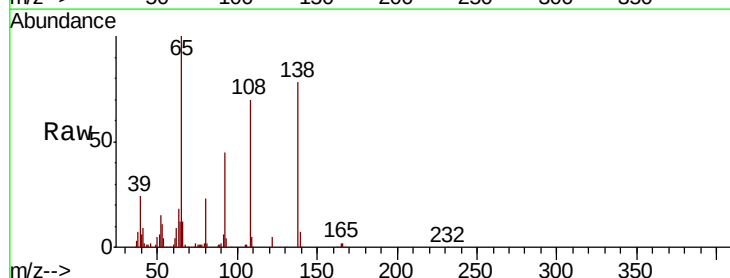
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 36.842 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	38.7	78.7
108	89.9	74.6	114.6

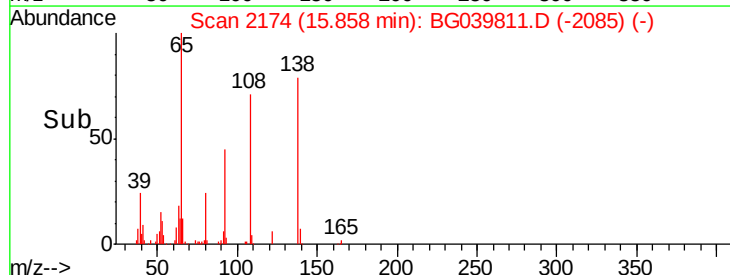
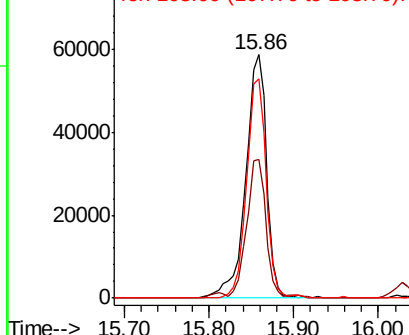


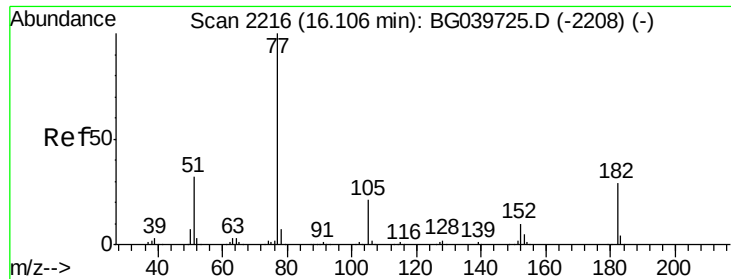
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.182 ng

RT: 16.10 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

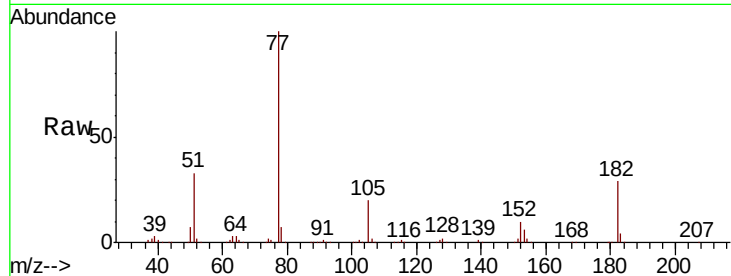
ClientSampleId :

TP-6CD-SMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	6.4	46.4	
105	20.2	0.0	39.8	
51	32.6	14.1	54.1	

Manual Integrations
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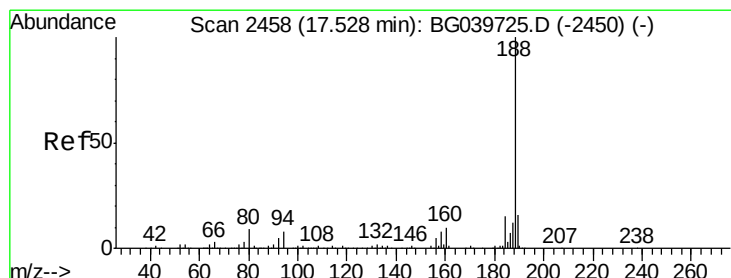
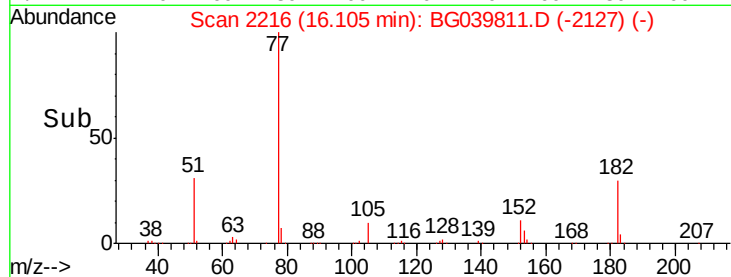
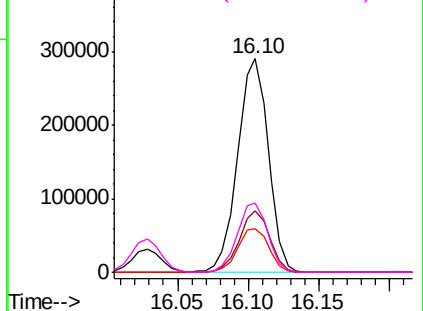
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

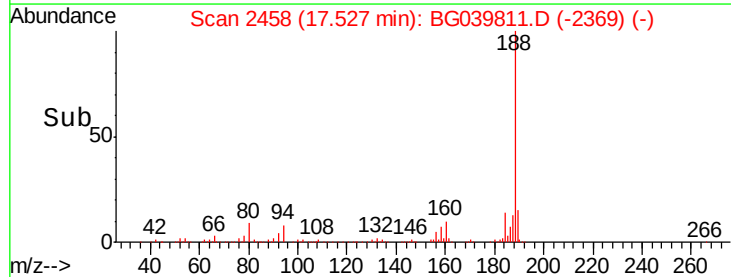
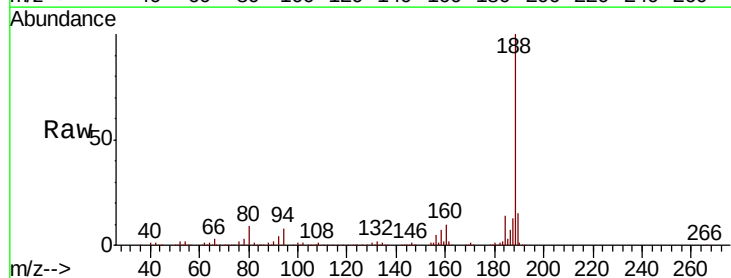
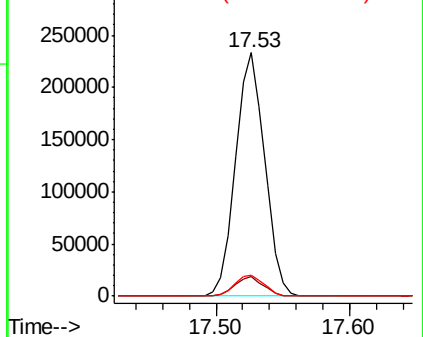
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	6.9	10.3	
80	8.7	8.1	12.1	

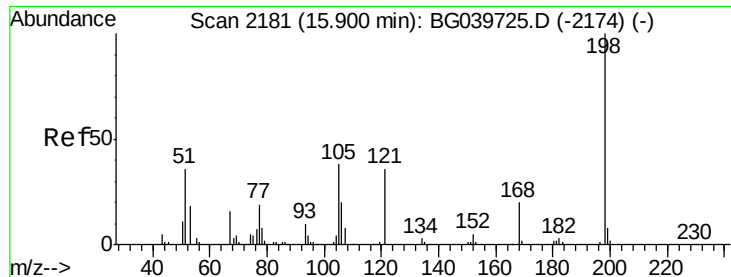
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 19.689 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

TP-6CD-SMSD

Tot Ion:198 Resp: 40984

Ion Ratio Lower Upper

198 100

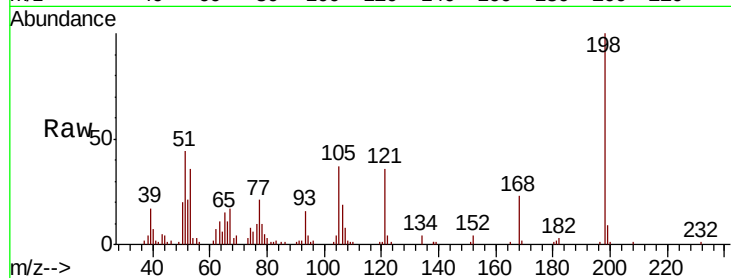
51 44.5 27.4 67.4

105 36.7 19.7 59.7

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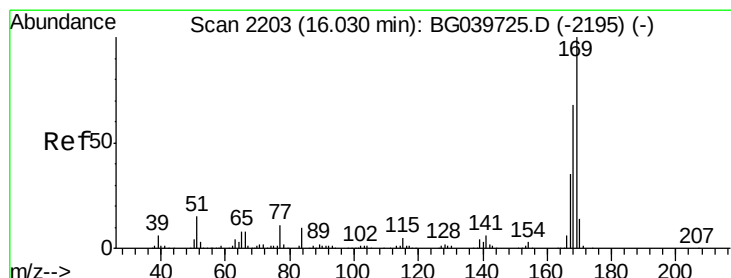
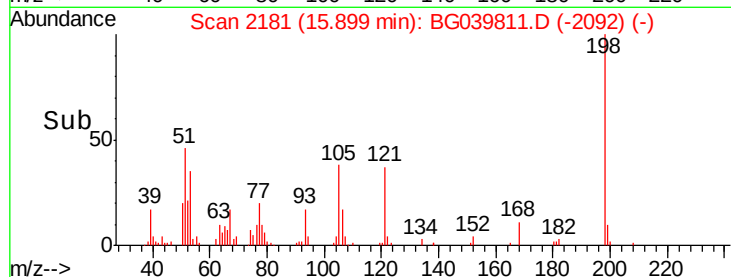
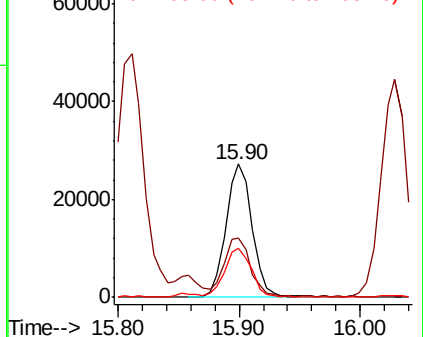
3/8/2019 10:48:50 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039811.D (-2092) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.739 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

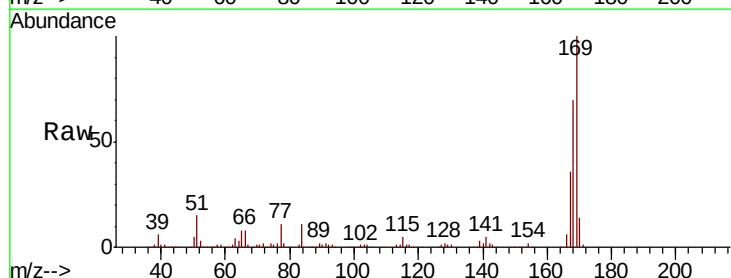
Tgt Ion:169 Resp: 425412

Ion Ratio Lower Upper

169 100

168 69.7 56.6 85.0

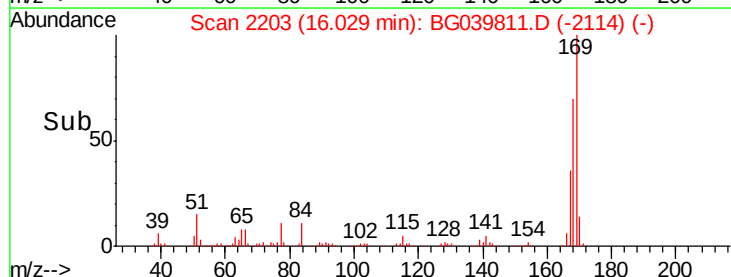
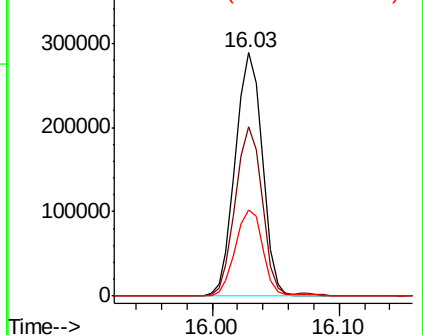
167 35.6 28.8 43.2

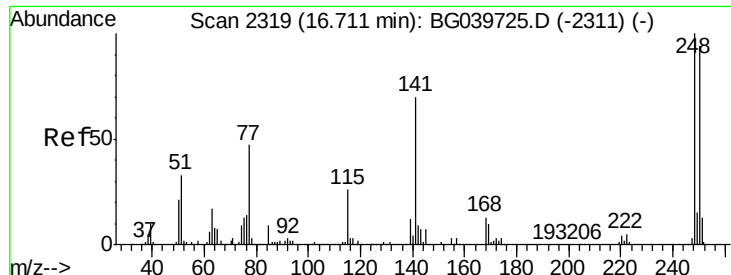


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.774 ng

RT: 16.70 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

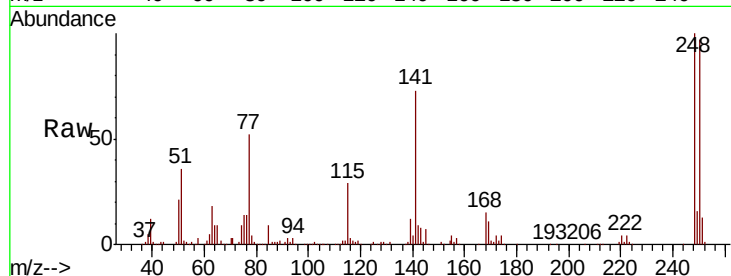
ClientSampleId :

TP-6CD-SMSD

Tot Ion:	248	Resp:	160678
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.6	116.4
141	73.1	63.9	95.9

Manual Integrations
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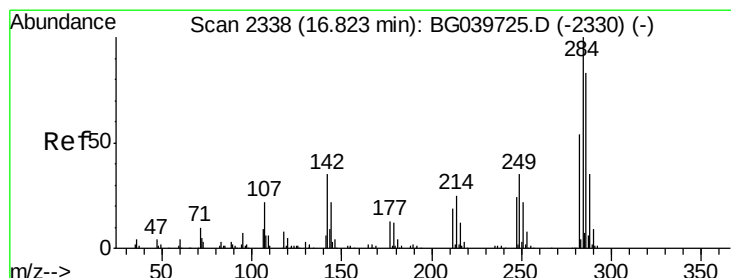
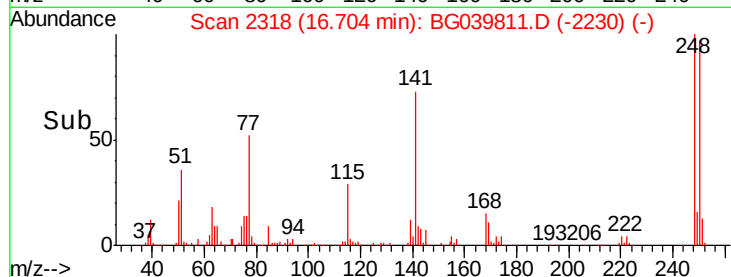
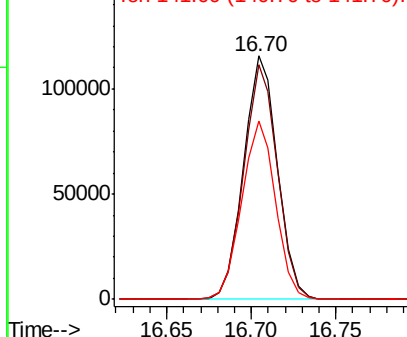


Abundance

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: 41.052 ng

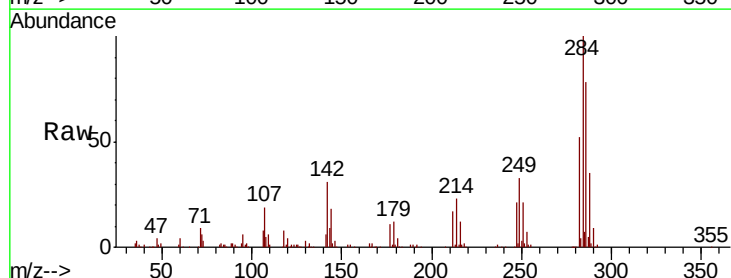
RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion:	284	Resp:	167689
Ion Ratio	Lower	Upper	
284	100		
142	30.7	30.6	45.8
249	32.8	28.2	42.2

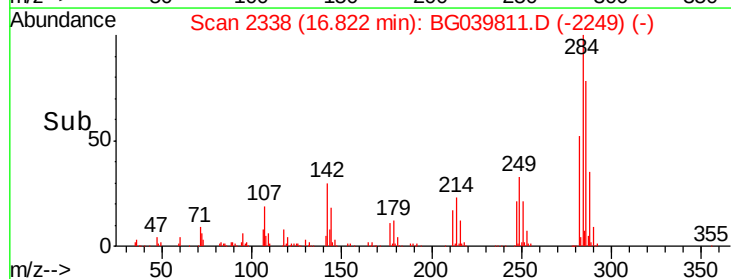
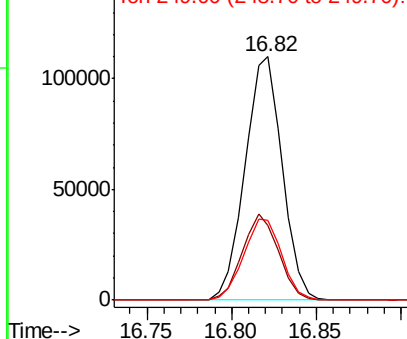


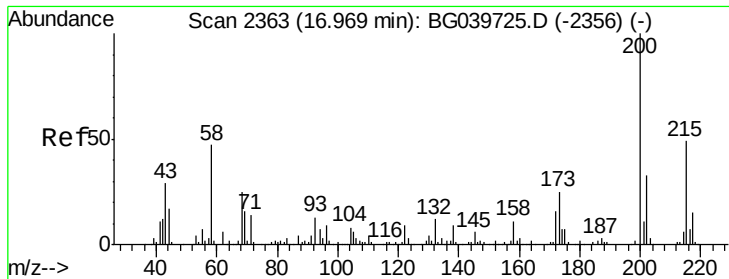
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





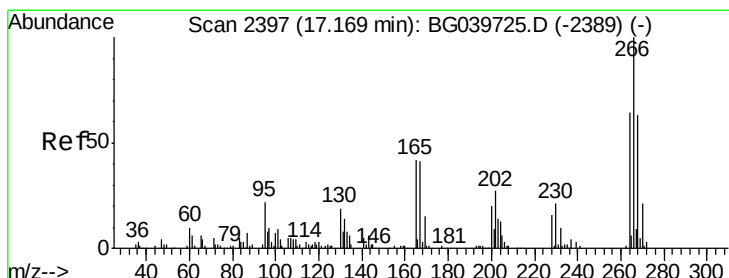
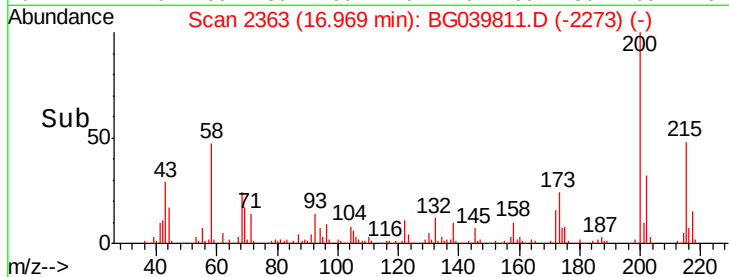
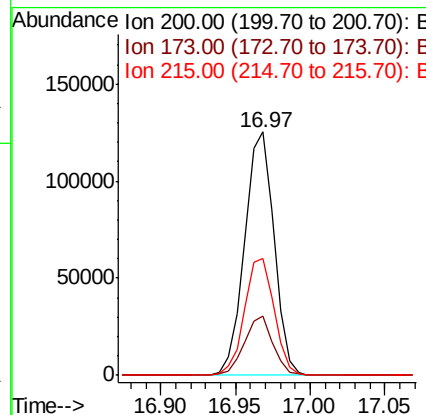
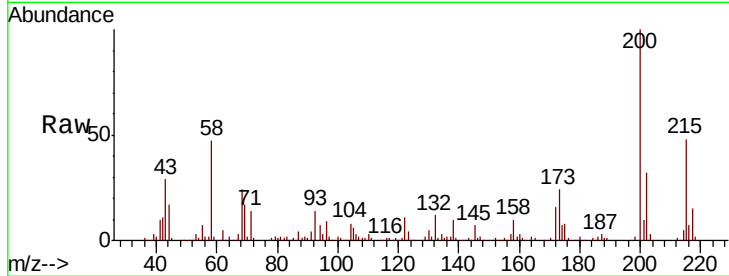
#69
Atrazine
Concen: 42.607 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.9	43.9
215	47.9	30.9	70.9

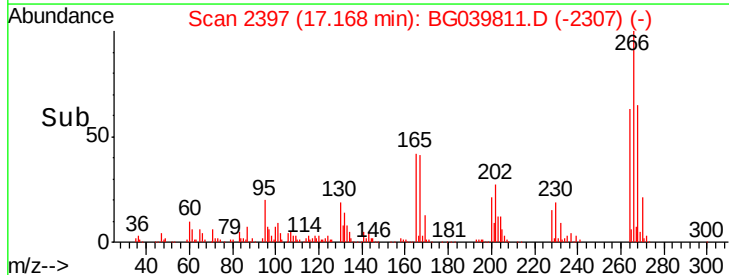
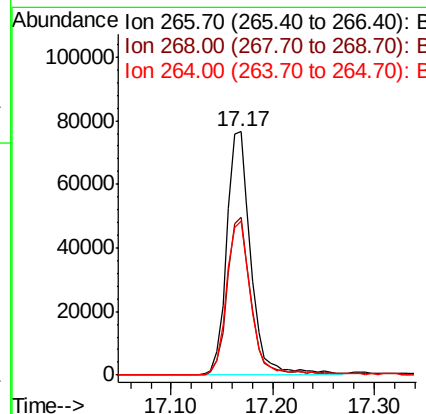
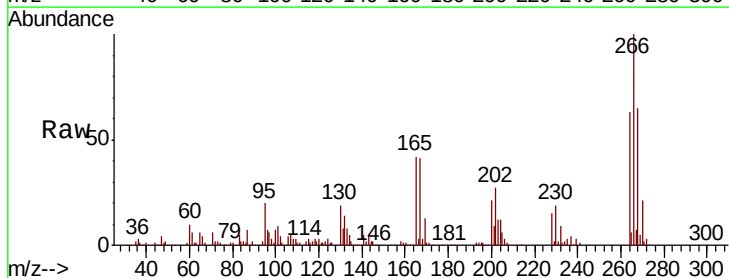
Manual Integrations
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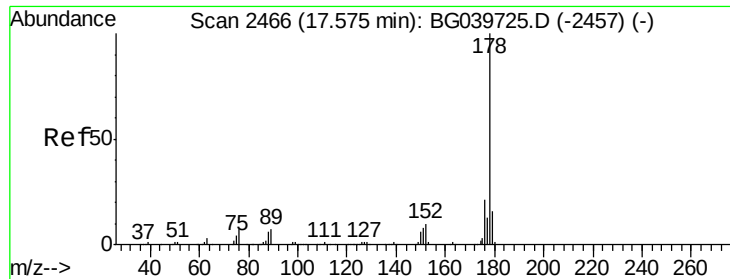
Sohil
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#70
Pentachlorophenol
Concen: 49.110 ng
RT: 17.17 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.5	52.1	78.1





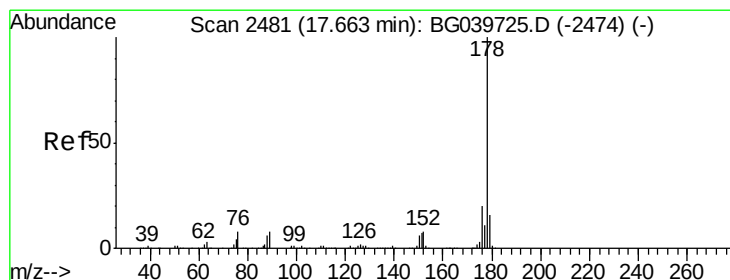
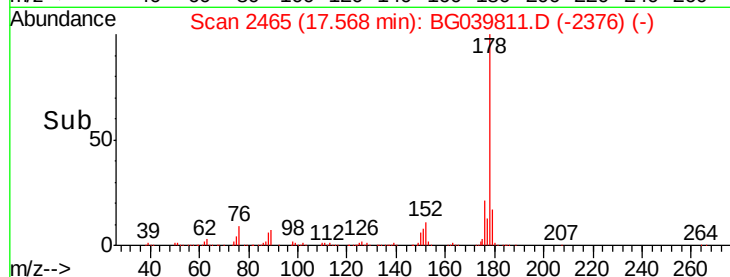
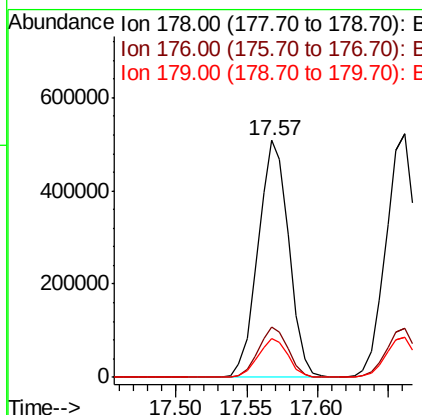
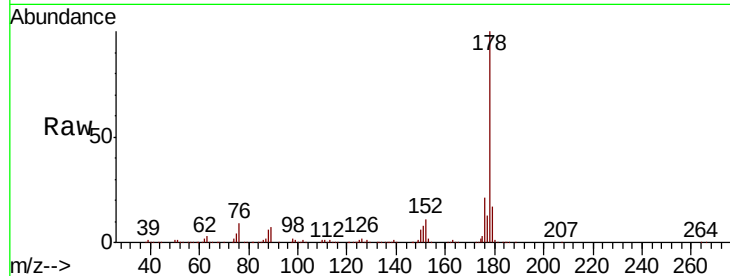
#71
Phenanthrene
Concen: 40.121 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.5	12.6	19.0

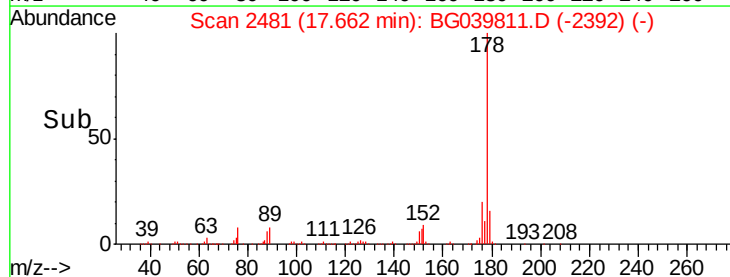
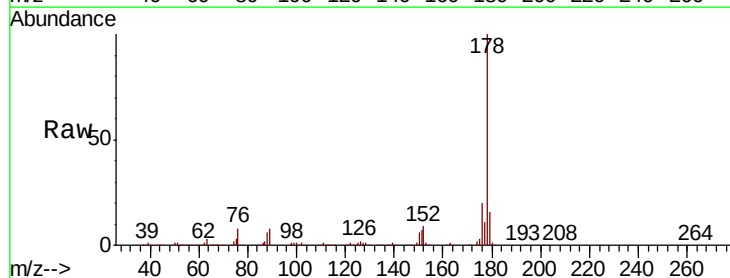
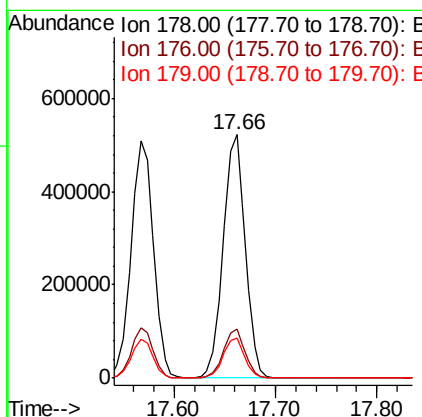
Manual Integrations
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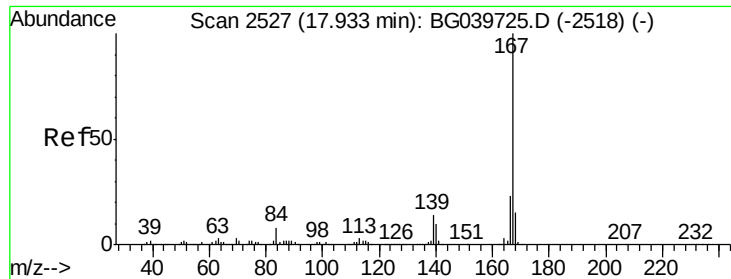
Sohil
3/8/2019 10:48:50 AM



#72
Anthracene
Concen: 41.576 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.2	12.5	18.7





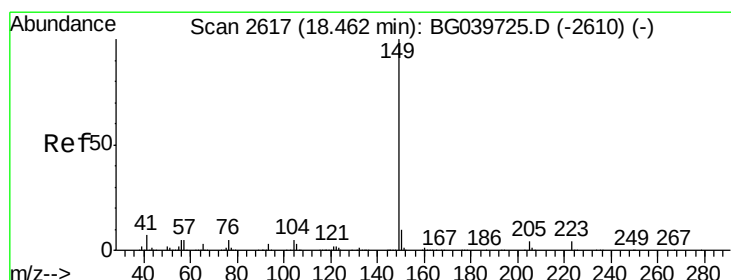
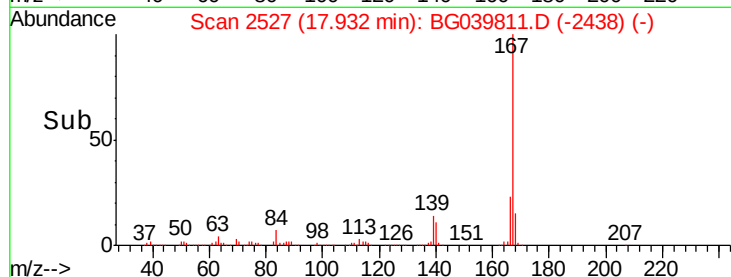
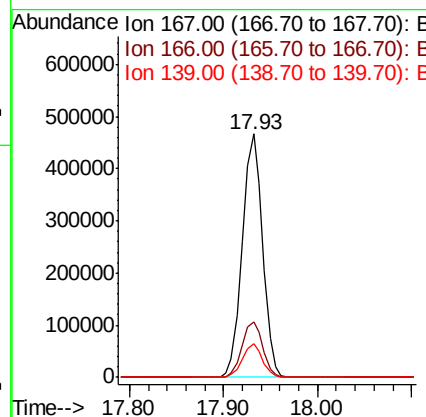
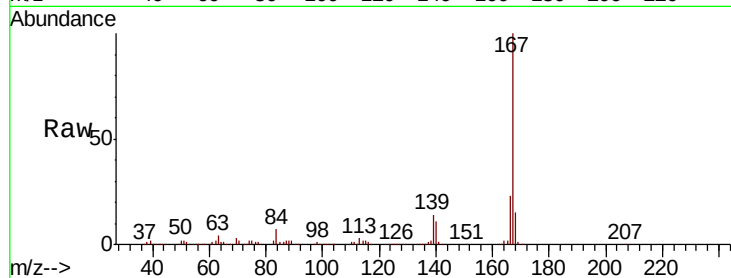
#73
 Carbazole
 Concen: 40.883 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.4	29.2
139	13.7	10.8	16.2

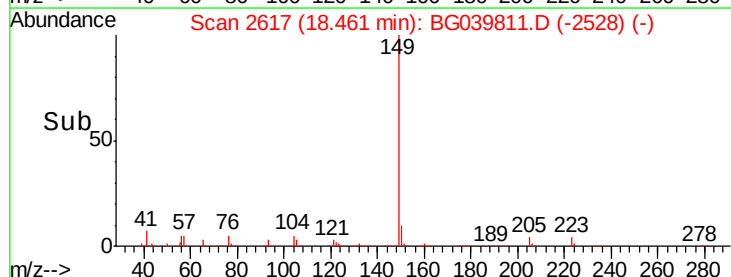
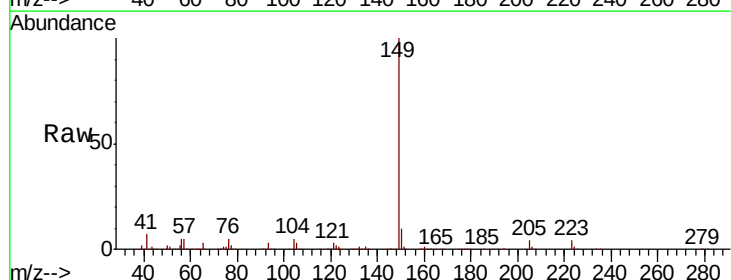
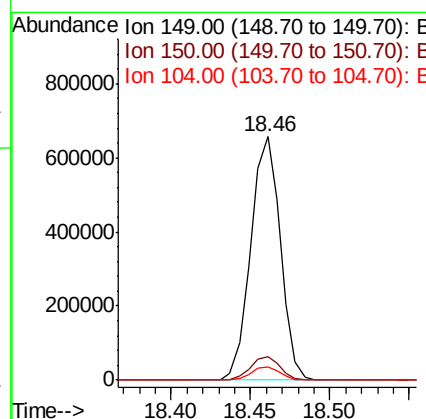
Manual Integrations
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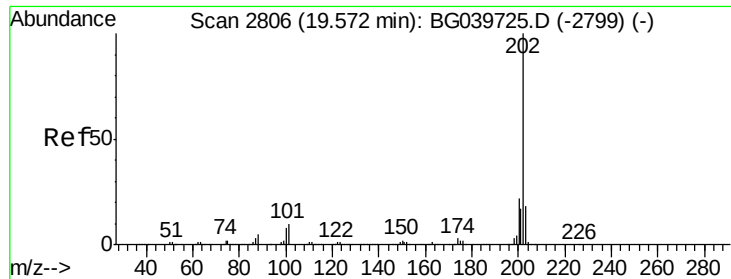
Sohil
 3/8/2019 10:48:50 AM



#74
 Di-n-butylphthalate
 Concen: 42.371 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039811.D
 Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 40.267 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

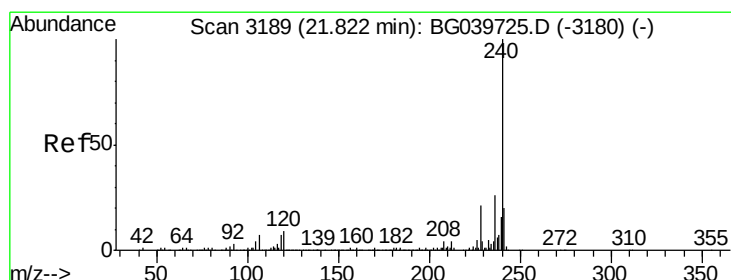
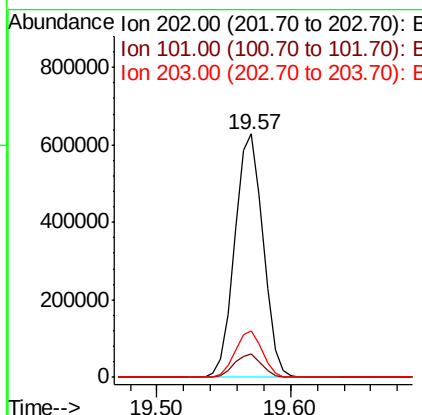
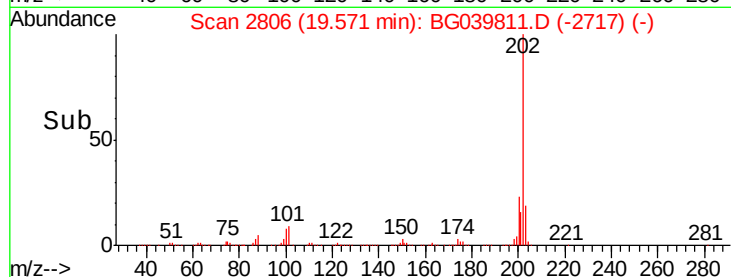
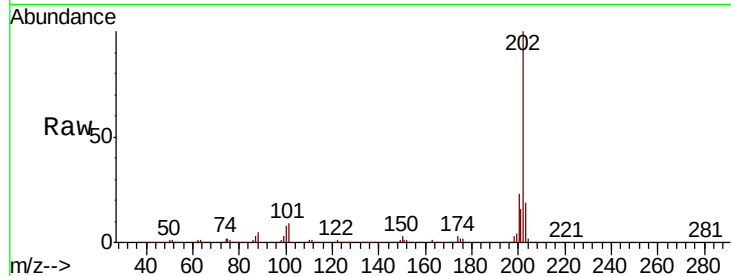
ClientSampleId :

TP-6CD-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		922832		
101	9.5	0.0	30.0		
203	19.2	0.0	38.9		

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#76

Chrysene-d12

Concen: 20.000 ng

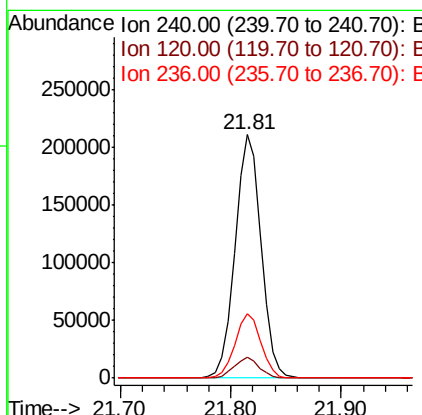
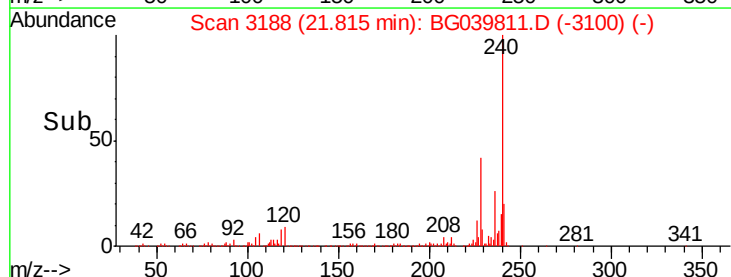
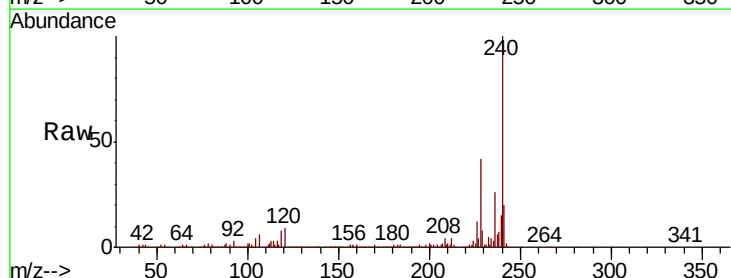
RT: 21.81 min Scan# 3188

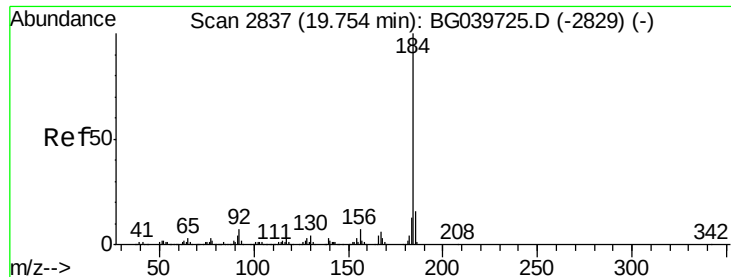
Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		347572		
120	8.7	7.0	10.6		
236	26.5	21.0	31.4		





#77

Benzidine

Concen: 8.934 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

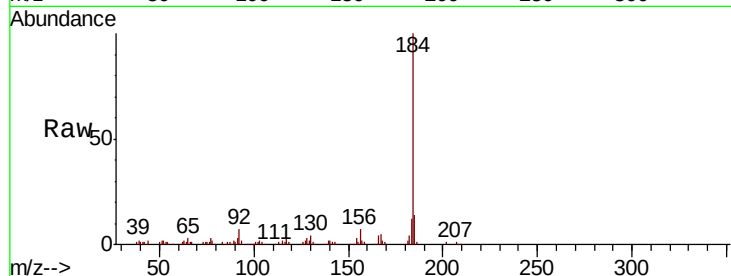
ClientSampleId :

TP-6CD-SMSD

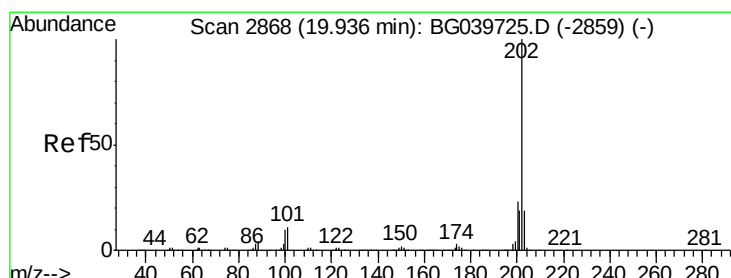
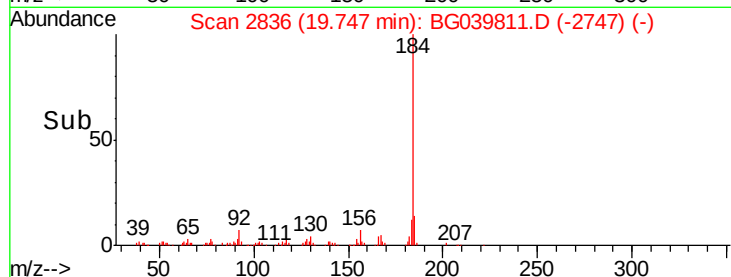
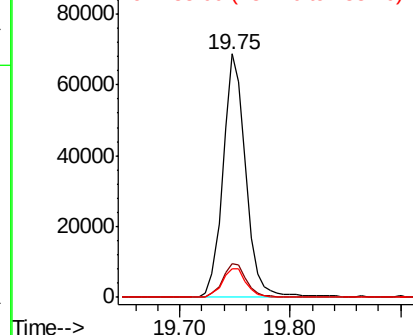
Tot Ion:	184	Resp:	98538
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.2
183	11.7	10.6	15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.719 ng

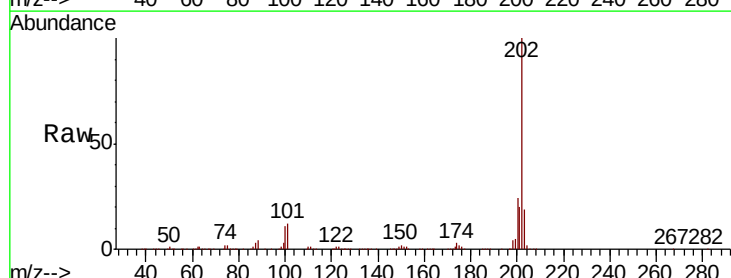
RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

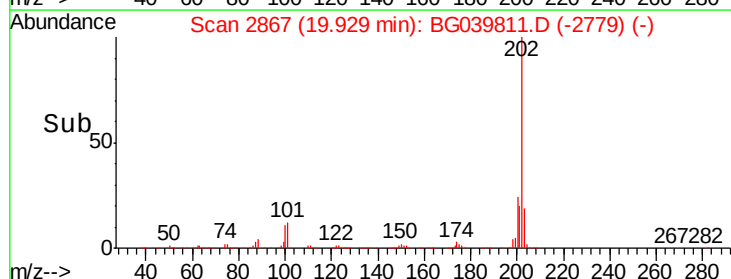
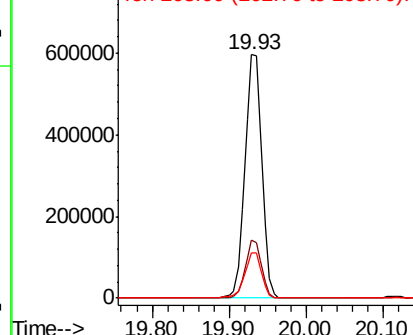
Lab File: BG039811.D

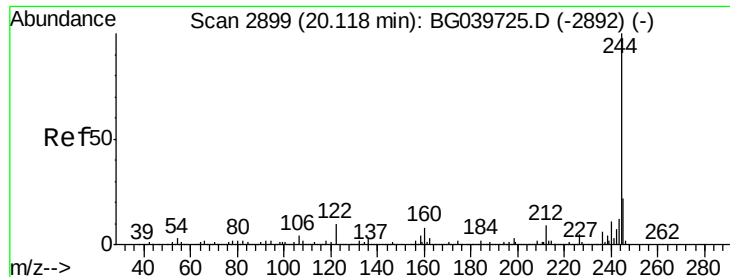
Acq: 7 Mar 2019 20:45

Tgt Ion:	202	Resp:	919648
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.8	26.8
203	18.7	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.169 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

Instrument :

BNA_G

ClientSampleId :

TP-6CD-SMSD

Tot Ion:244 Resp: 1376034

Ion Ratio Lower Upper

244 100

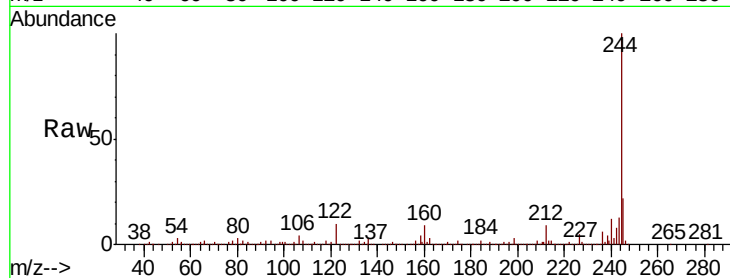
212 9.4 7.3 10.9

122 10.1 8.4 12.6

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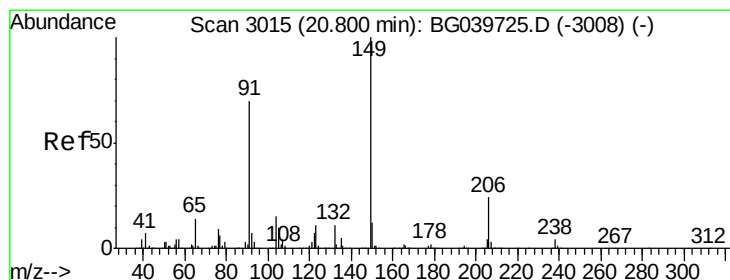
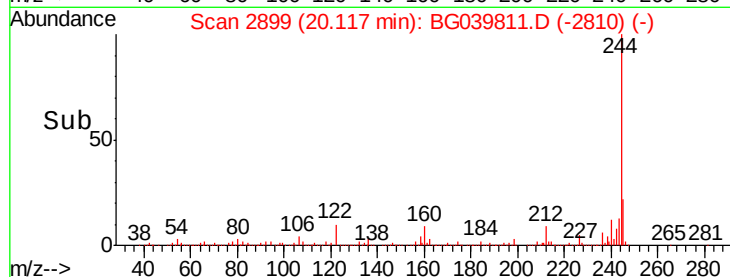
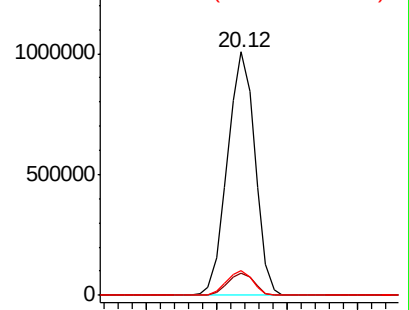
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.648 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039811.D

Acq: 7 Mar 2019 20:45

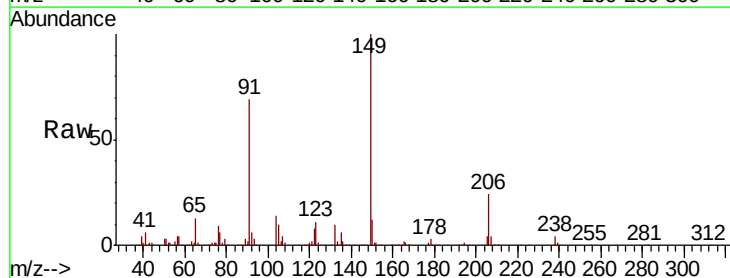
Tgt Ion:149 Resp: 390675

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

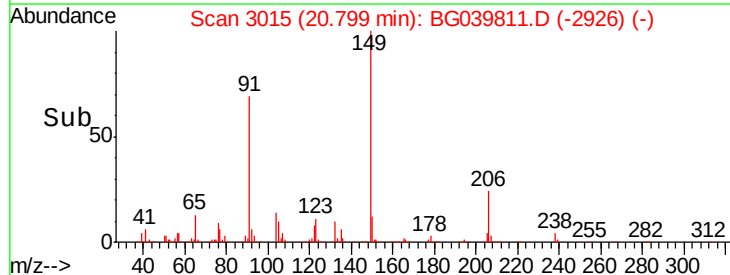
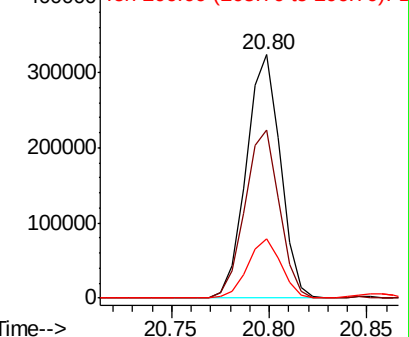
206 24.3 18.6 27.8

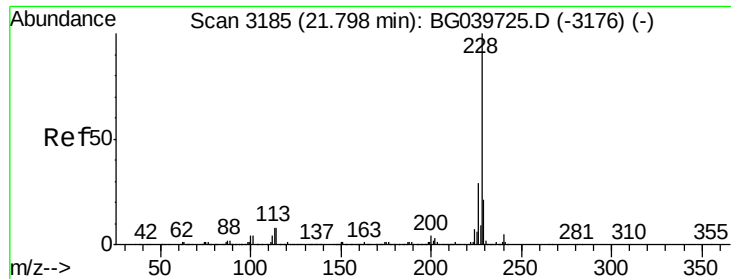


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





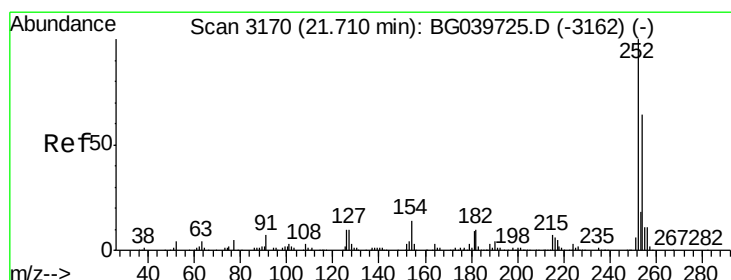
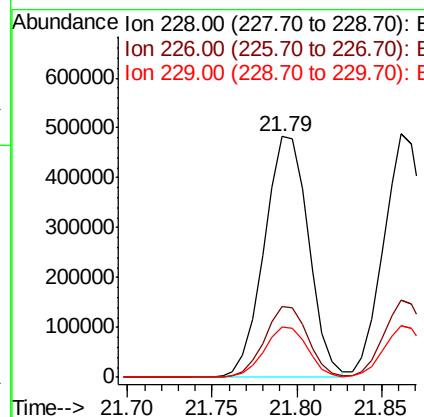
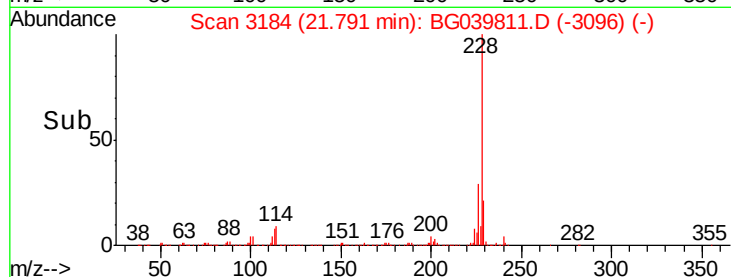
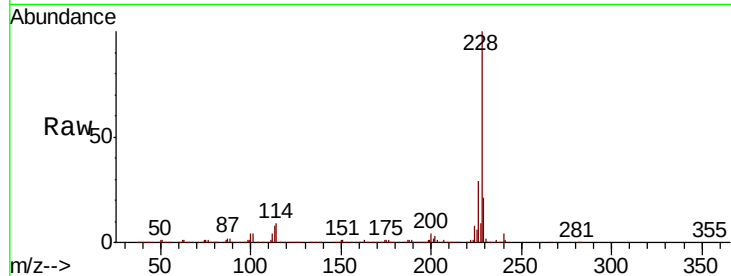
#81
Benzo(a)anthracene
Concen: 40.132 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.2	16.9	25.3

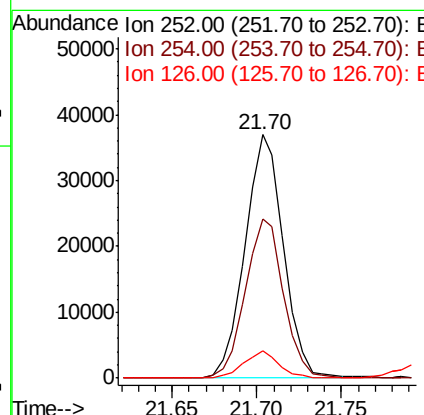
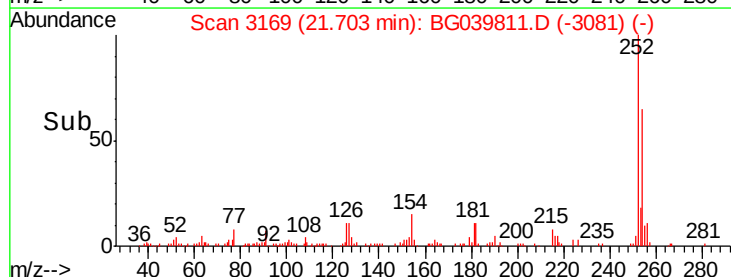
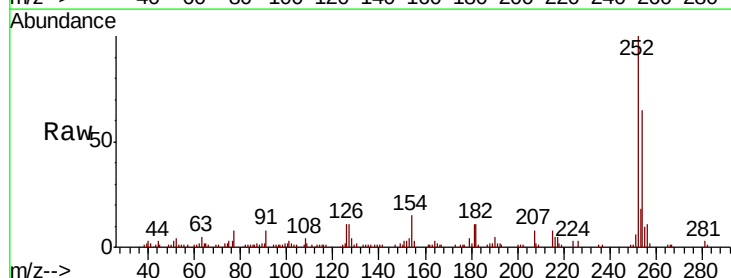
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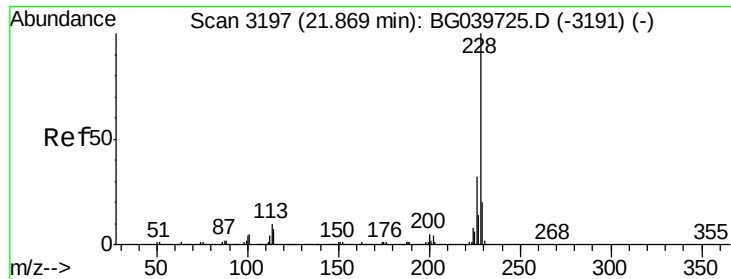
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#82
3,3'-Dichlorobenzidine
Concen: 7.329 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	11.5	8.0	12.0





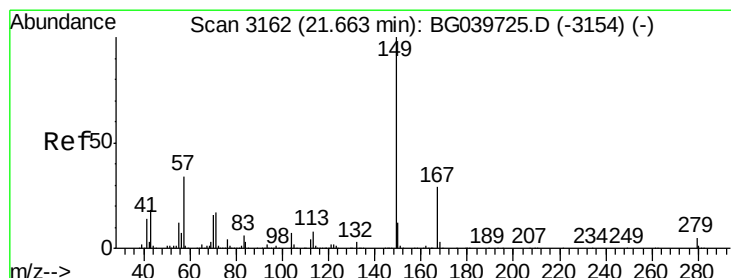
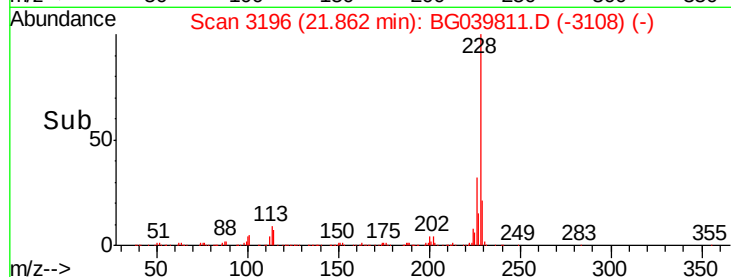
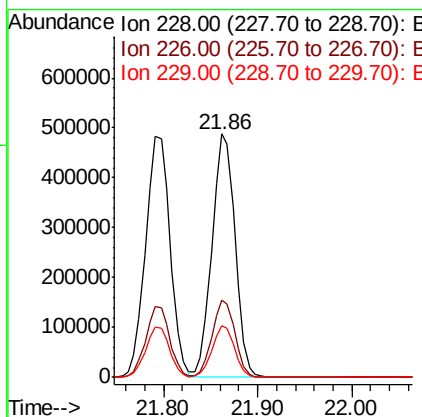
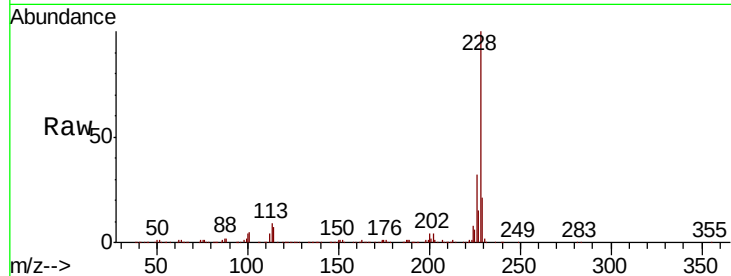
#83
Chrysene
Concen: 39.842 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.8	38.6
229	21.1	16.6	25.0

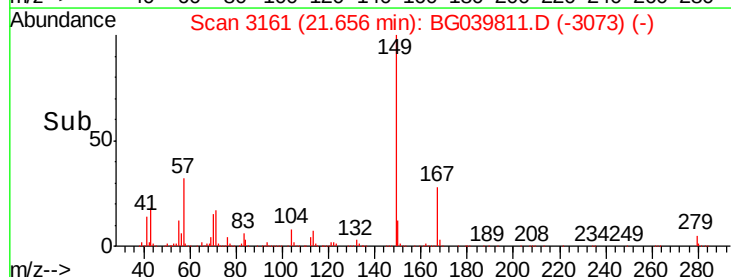
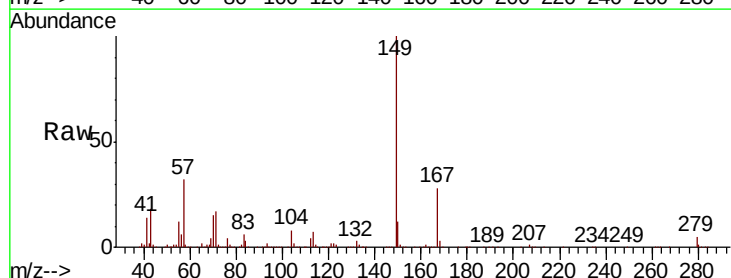
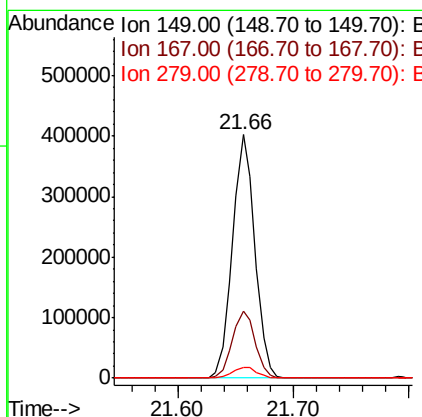
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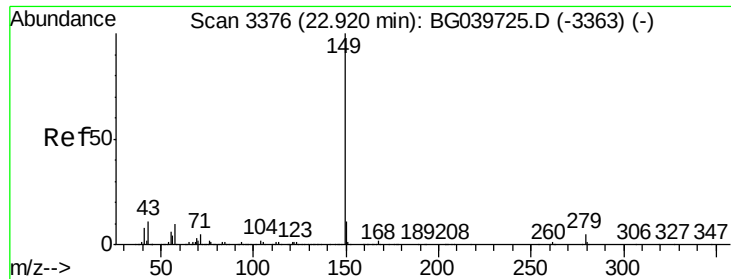
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.875 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	4.6	3.5	5.3





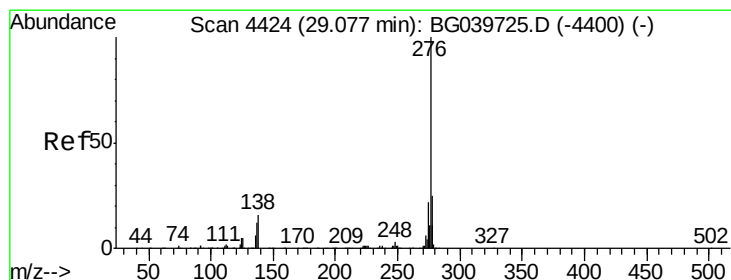
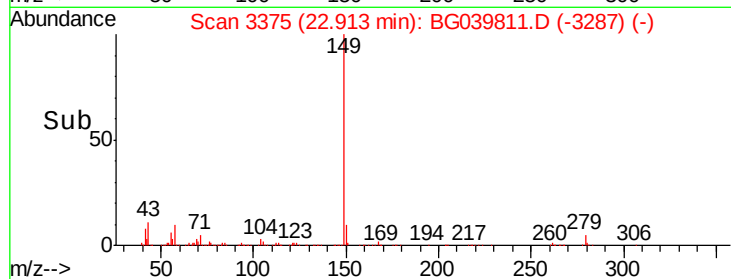
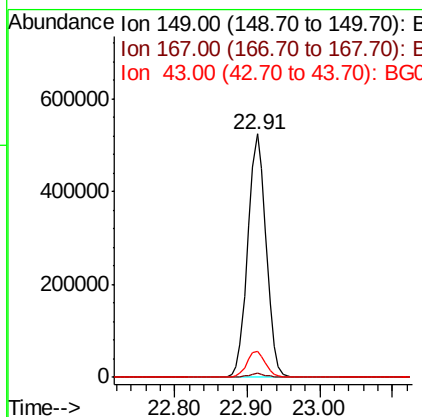
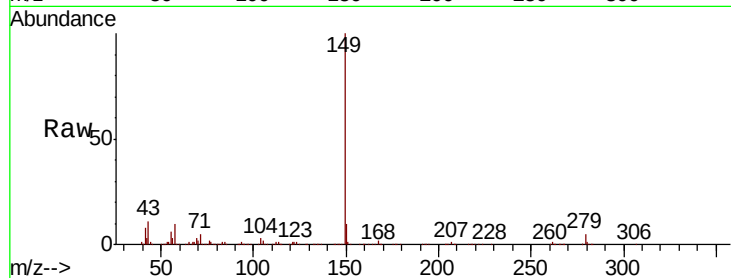
#85
Di-n-octyl phthalate
Concen: 45.184 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

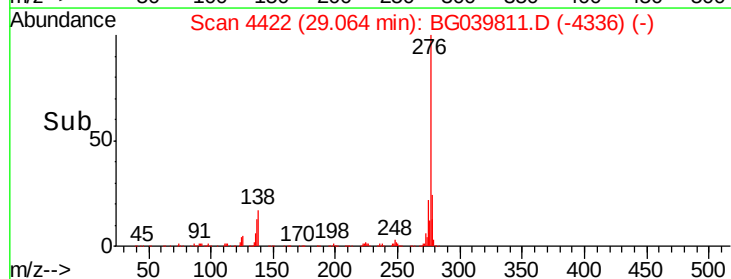
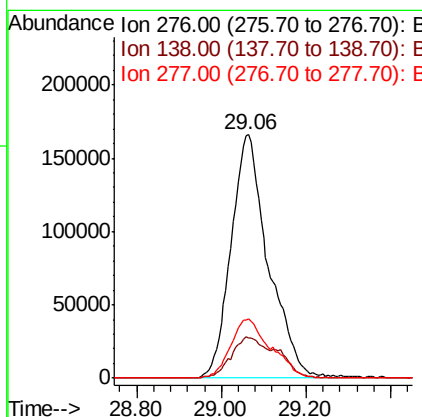
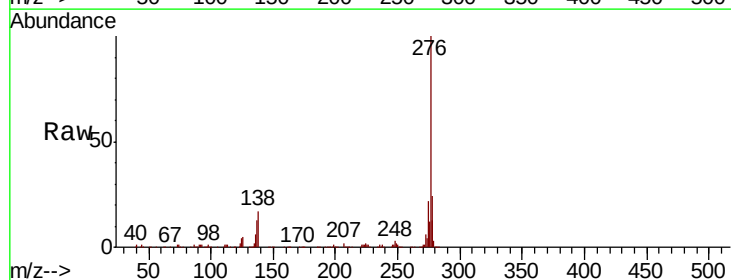
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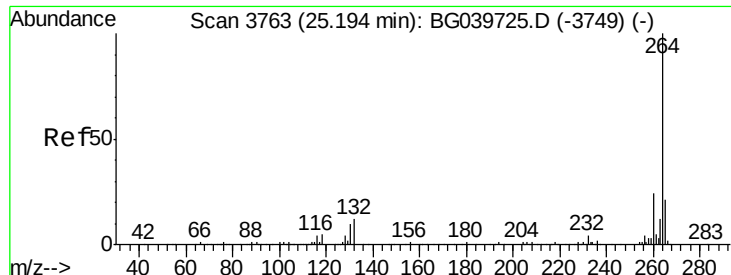
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.176 ng
RT: 29.06 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.6	19.0
277	26.1	20.8	31.2





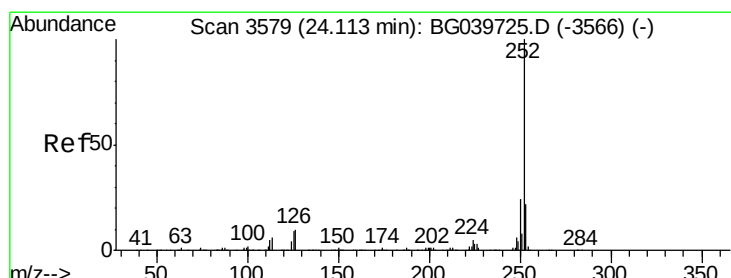
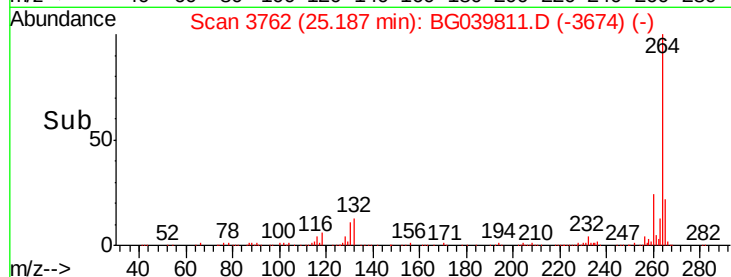
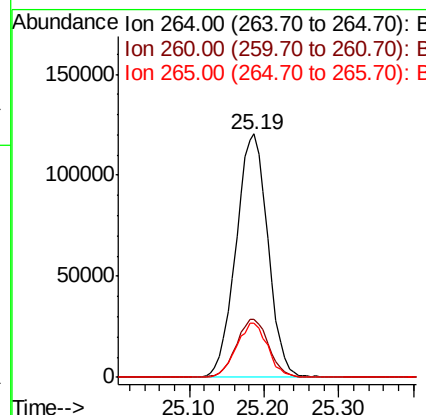
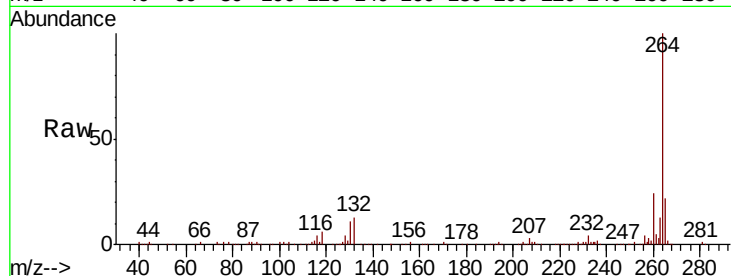
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.2	18.5	27.7

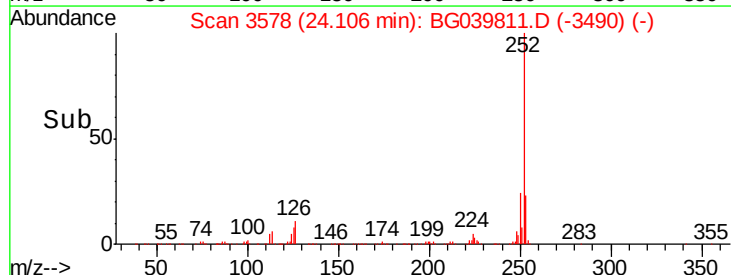
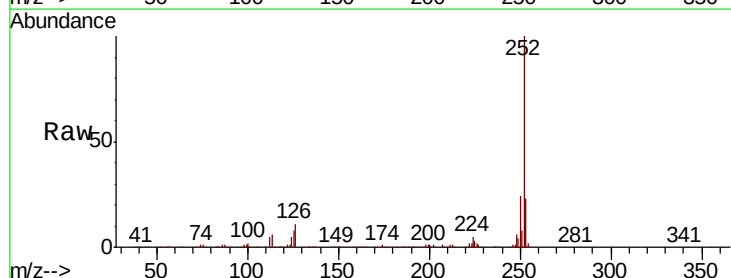
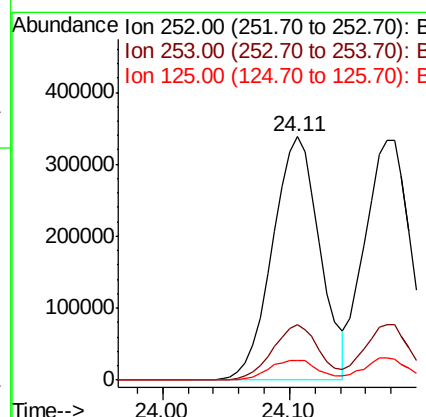
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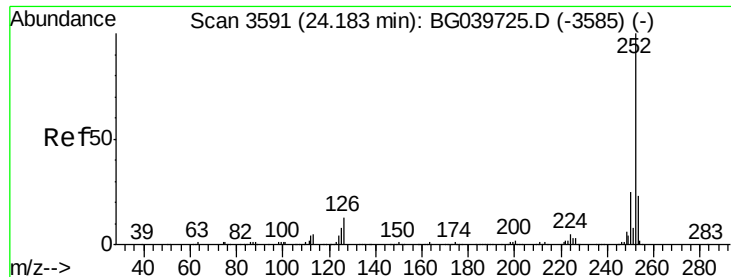
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#88
Benzo(b)fluoranthene
Concen: 41.273 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.3	7.8	11.6





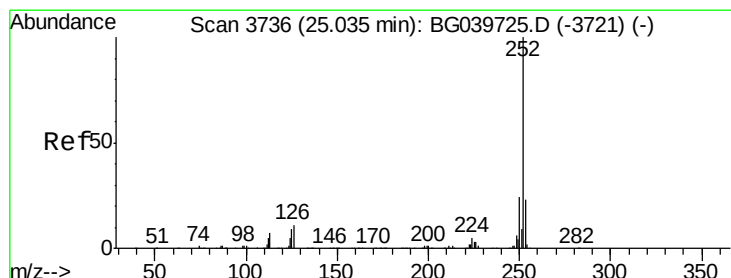
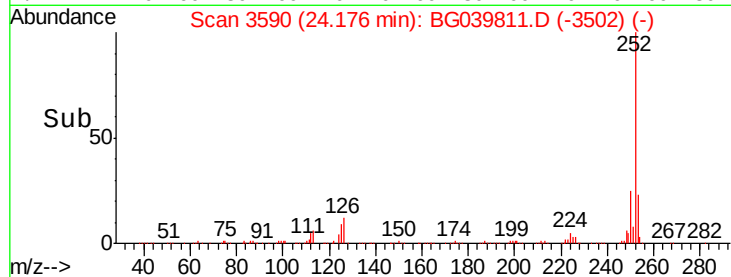
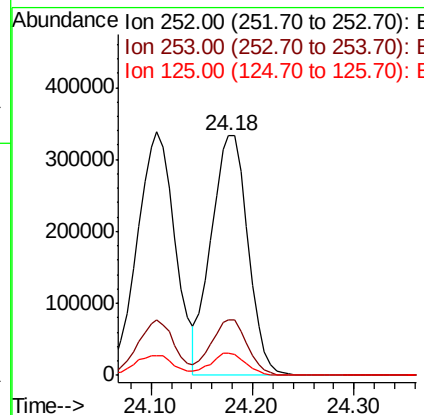
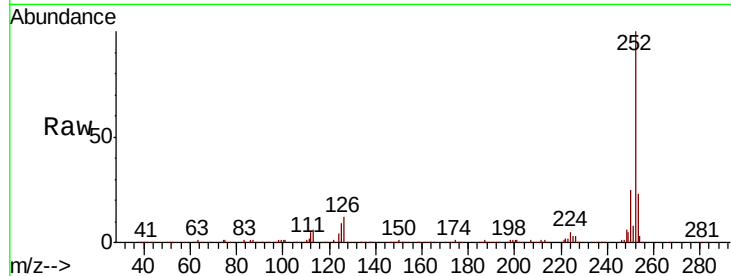
#89
Benzo(k)fluoranthene
Concen: 42.289 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.1	7.4	11.2

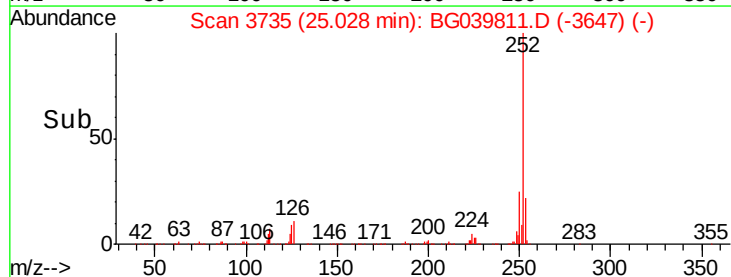
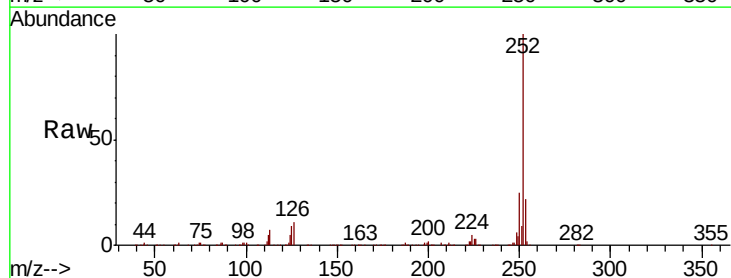
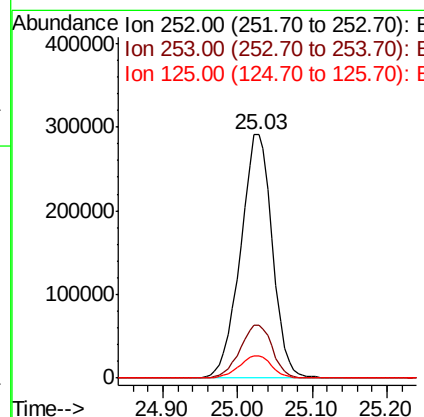
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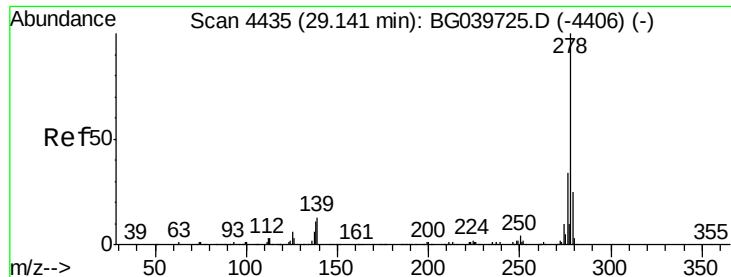
Sohil
3/8/2019 10:48:50 AM



#90
Benzo(a)pyrene
Concen: 43.678 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.3	8.3	12.5





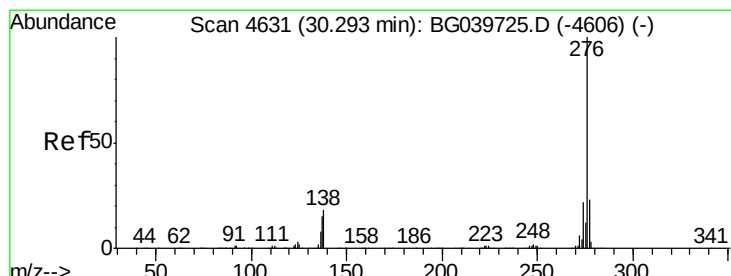
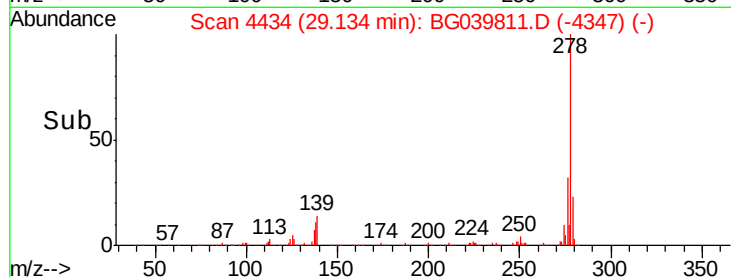
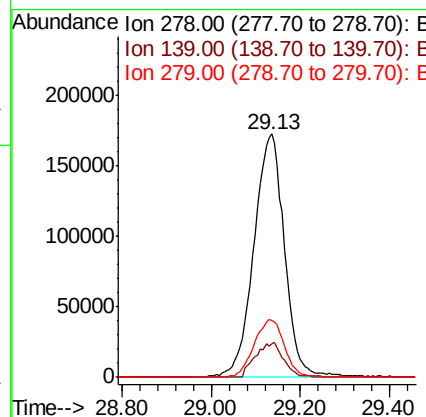
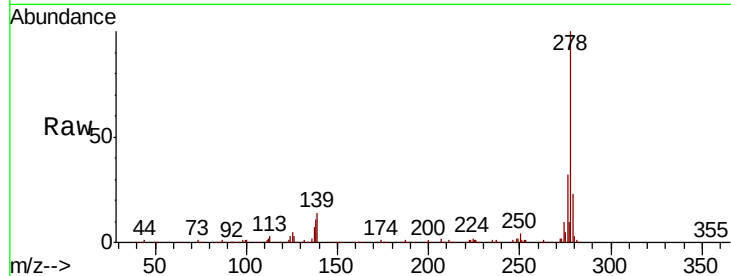
#91
Dibenzo(a,h)anthracene
Concen: 42.301 ng
RT: 29.13 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Instrument :
BNA_G
ClientSampleId :
TP-6CD-SMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	23.3	19.1	28.7

Manual Integrations
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3/8/2019 10:48:50 AM



#92
Benzo(g,h,i)perylene
Concen: 43.054 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG039811.D
Acq: 7 Mar 2019 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.6	29.4
138	17.6	14.7	22.1

