

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039734.D
 Acq On : 4 Mar 2019 16:52
 Operator : JU/SJ
 Sample : PB117567BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Manual Integrations
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Sohil
 3/5/2019 5:21:40 PM

Quant Time: Mar 05 06:36:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41981	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	180616	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	125095	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	321529	20.00	ng	0.00
76) Chrysene-d12	21.82	240	334082	20.00	ng	0.00
87) Perylene-d12	25.19	264	338184	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	352748	143.35	ng	0.00
7) Phenol-d6	7.31	99	497619	135.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	257545	77.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	201843	138.43	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	648325	73.79	ng	-0.01
79) Terphenyl-d14	20.12	244	1121945	73.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	41961	36.935	ng	96
3) Pyridine	3.99	79	108117	35.548	ng	96
4) n-Nitrosodimethylamine	3.91	42	55026	38.137	ng	92
6) Aniline	7.48	93	143102	29.769	ng	100
8) 2-Chlorophenol	7.72	128	123055	41.219	ng	95
9) Benzaldehyde	7.29	77	80216	33.892	ng	98
10) Phenol	7.33	94	165051	41.524	ng	96
11) bis(2-Chloroethyl)ether	7.58	93	113525	36.632	ng	96
12) 1,3-Dichlorobenzene	8.04	146	124849	36.977	ng	97
13) 1,4-Dichlorobenzene	8.19	146	126741	36.852	ng	100
14) 1,2-Dichlorobenzene	8.51	146	123967	37.307	ng	98
15) Benzyl Alcohol	8.39	79	112896	38.788	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	222303	35.866	ng	98
17) 2-Methylphenol	8.59	107	109238	43.100	ng	96
18) Hexachloroethane	9.25	117	43591	35.324	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	95026	35.981	ng	95
20) 3+4-Methylphenols	8.92	107	148159	42.078	ng	98
22) Acetophenone	8.99	105	179651	37.059	ng	# 94
24) Nitrobenzene	9.38	77	138290	39.473	ng	96
25) Isophorone	9.89	82	273816	39.131	ng	99
26) 2-Nitrophenol	10.09	139	68676	40.600	ng	94
27) 2,4-Dimethylphenol	10.13	122	129394	49.185	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	167193	39.318	ng	97
29) 2,4-Dichlorophenol	10.62	162	133590	45.102	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	130756	39.231	ng	99
31) Naphthalene	11.03	128	371425	38.840	ng	99
32) Benzoic acid	10.26	122	71380	40.683	ng	98
33) 4-Chloroaniline	11.14	127	86847	21.417	ng	96
34) Hexachlorobutadiene	11.30	225	83563	36.690	ng	92
35) Caprolactam	11.92	113	45860m	40.532	ng	
36) 4-Chloro-3-methylphenol	12.24	107	145969	42.991	ng	97
37) 2-Methylnaphthalene	12.62	142	289377	40.475	ng	99
38) 1-Methylnaphthalene	12.84	142	275257	39.617	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159021	37.524	ng	98

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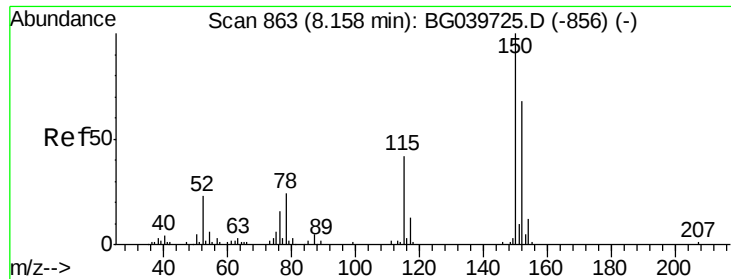
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	219742	96.755	ng	97
43) 2,4,6-Trichlorophenol	13.22	196	111471	44.928	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	122645	43.854	ng	97
46) 1,1'-Biphenyl	13.62	154	396237	38.511	ng	100
47) 2-Chloronaphthalene	13.67	162	307047	39.669	ng	98
48) 2-Nitroaniline	13.87	65	105884	42.567	ng	94
49) Acenaphthylene	14.51	152	497318	39.139	ng	98
50) Dimethylphthalate	14.23	163	423106	40.449	ng	100
51) 2,6-Dinitrotoluene	14.36	165	94303	42.526	ng	96
52) Acenaphthene	14.85	154	304724	39.845	ng	99
53) 3-Nitroaniline	14.70	138	57383	25.743	ng	# 91
54) 2,4-Dinitrophenol	14.90	184	113043	80.779	ng	100
55) Dibenzofuran	15.18	168	500158	39.861	ng	99
56) 4-Nitrophenol	14.99	139	167894	84.196	ng	90
57) 2,4-Dinitrotoluene	15.14	165	134262	43.089	ng	# 89
58) Fluorene	15.83	166	394239	39.967	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123170	45.096	ng	96
60) Diethylphthalate	15.58	149	428364	41.368	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	211319	40.147	ng	98
62) 4-Nitroaniline	15.86	138	101036	41.809	ng	92
63) Azobenzene	16.11	77	380715	40.560	ng	96
65) 4,6-Dinitro-2-methylphenol	15.90	198	77810	40.929	ng	98
66) n-Nitrosodiphenylamine	16.03	169	366348	39.357	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	141374	39.282	ng	93
68) Hexachlorobenzene	16.82	284	142883	38.300	ng	95
69) Atrazine	16.97	200	150383	41.050	ng	98
70) Pentachlorophenol	17.17	266	190272	80.758	ng	99
71) Phenanthrene	17.58	178	679393	38.362	ng	99
72) Anthracene	17.66	178	690285	39.997	ng	98
73) Carbazole	17.93	167	620113	39.857	ng	97
74) Di-n-butylphthalate	18.46	149	755244	41.257	ng	99
75) Fluoranthene	19.57	202	840852	40.174	ng	99
77) Benzidine	19.75	184	444759	41.953	ng	97
78) Pyrene	19.94	202	841026	38.741	ng	99
80) Butylbenzylphthalate	20.80	149	347367	41.301	ng	95
81) Benzo(a)anthracene	21.80	228	795924	38.014	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	169000	22.108	ng	98
83) Chrysene	21.87	228	774590	38.160	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	480888	40.688	ng	100
85) Di-n-octyl phthalate	22.92	149	825884	42.203	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	913217	39.657	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	809525	40.142	ng	99
89) Benzo(k)fluoranthene	24.18	252	773420	41.201	ng	99
90) Benzo(a)pyrene	25.03	252	790771	42.435	ng	98
91) Dibenzo(a,h)anthracene	29.15	278	739308	40.468	ng	99
92) Benzo(g,h,i)perylene	30.30	276	752911	41.035	ng	97

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



#1

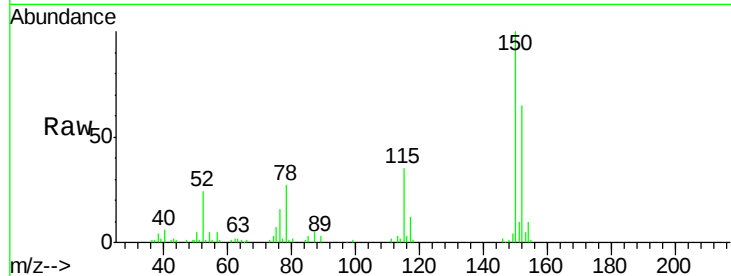
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
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PB117567BS

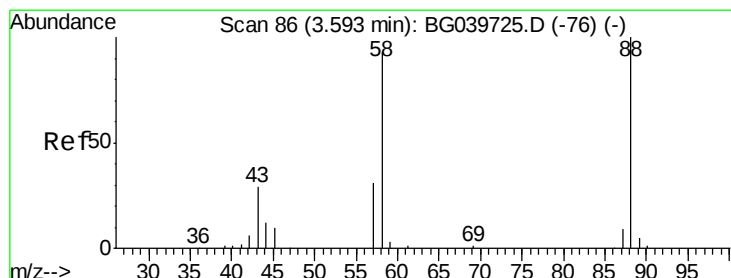
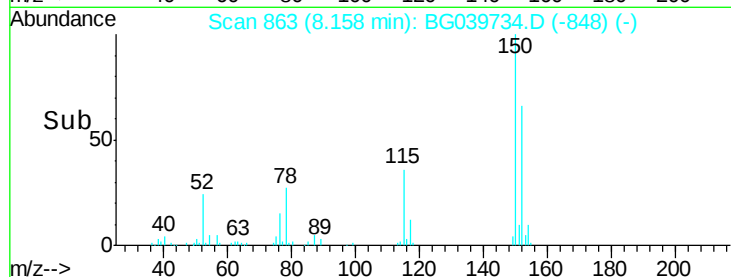
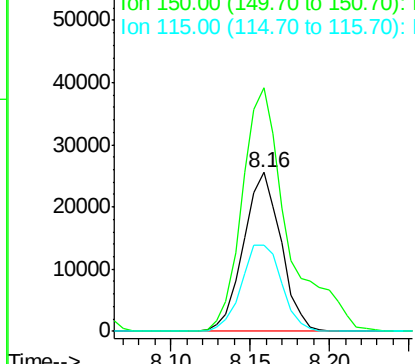
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.7	185.5
115	53.9	45.9	68.9

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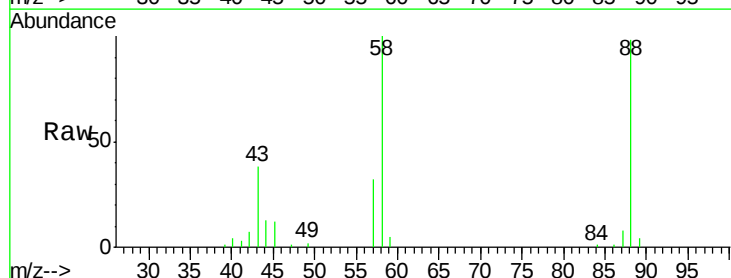
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



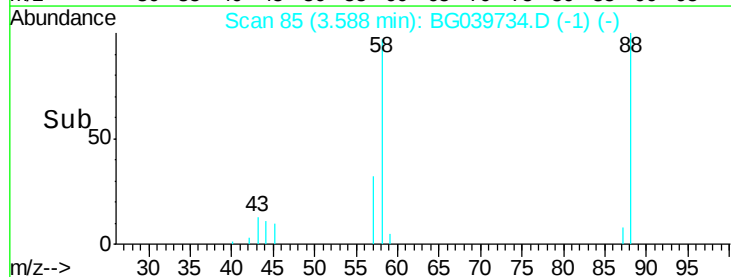
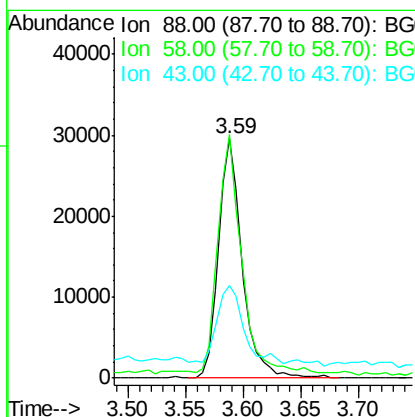
#2

1,4-Dioxane
Concen: 36.935 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	81.1	121.7
43	35.6	31.4	47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.548 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

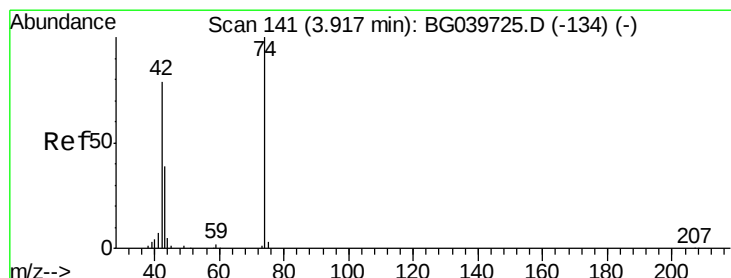
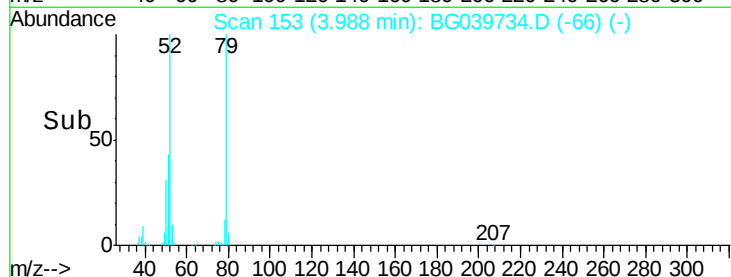
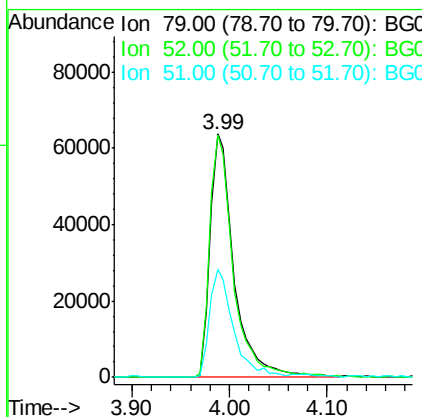
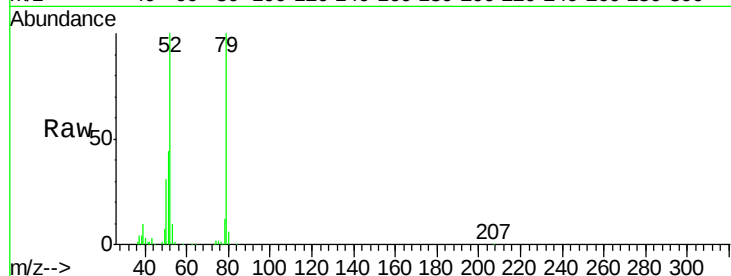
ClientSampleId :

PB117567BS

Tgt Ion:	79	Resp:	108117
Ion Ratio	Lower	Upper	
79	100		
52	99.7	82.6	124.0
51	44.3	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.137 ng

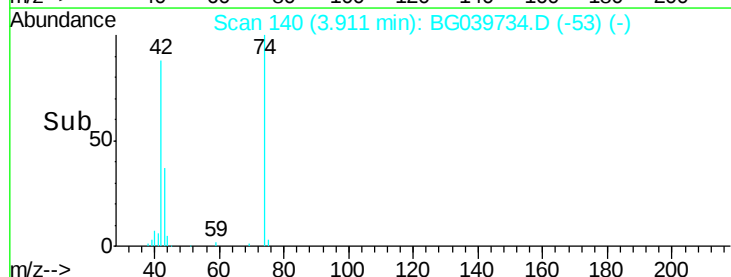
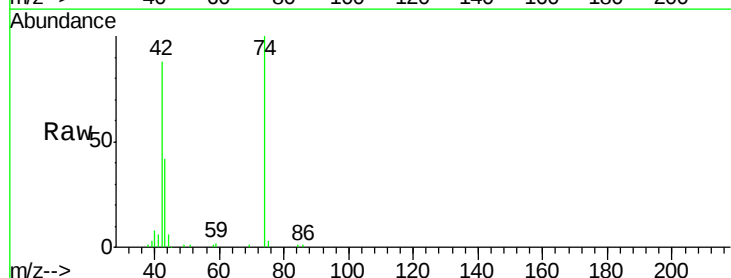
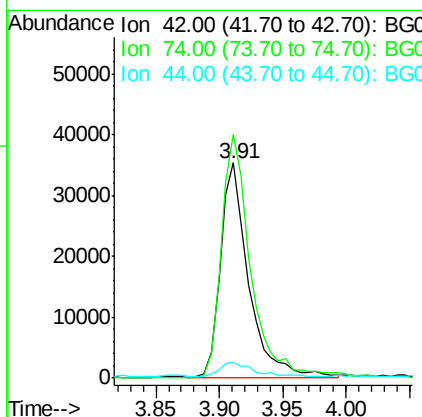
RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	42	Resp:	55026
Ion Ratio	Lower	Upper	
42	100		
74	113.1	83.6	125.4
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 143.348 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039734.D

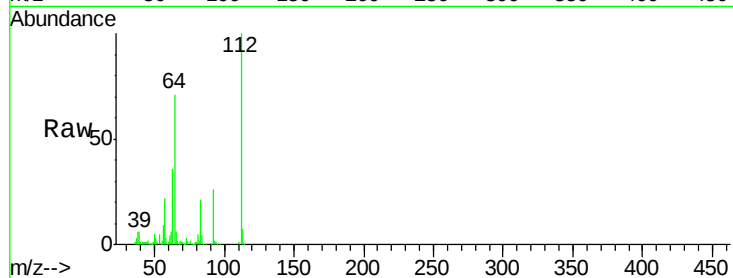
Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampleId :

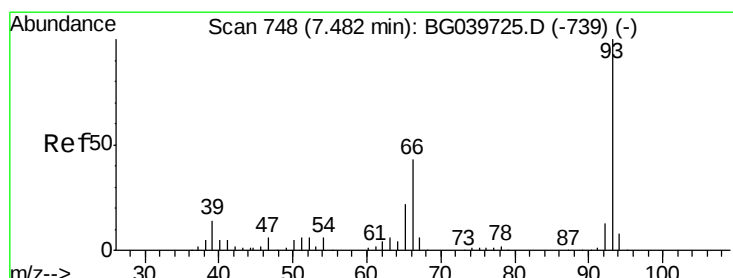
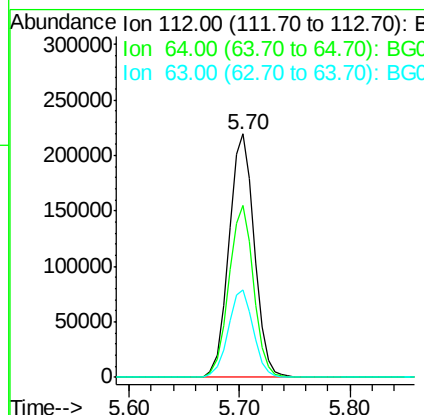
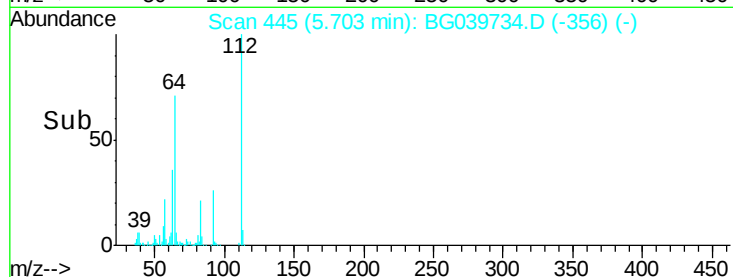
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Tgt Ion:	112	Resp:	352748
Ion Ratio	Lower	Upper	
112	100		
64	70.7	57.8	86.8
63	36.0	29.8	44.6

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#6

Aniline

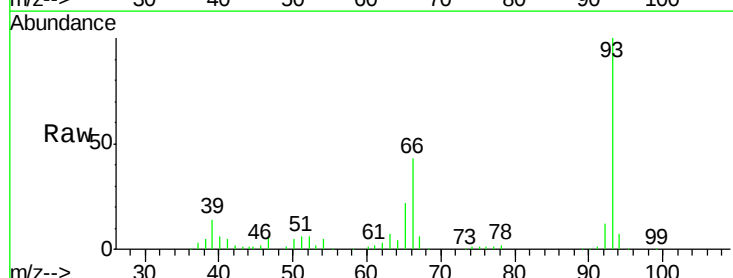
Concen: 29.769 ng

RT: 7.48 min Scan# 748

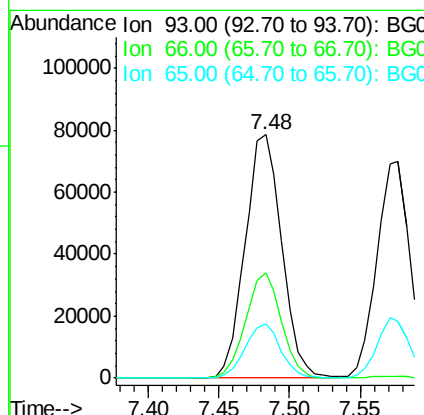
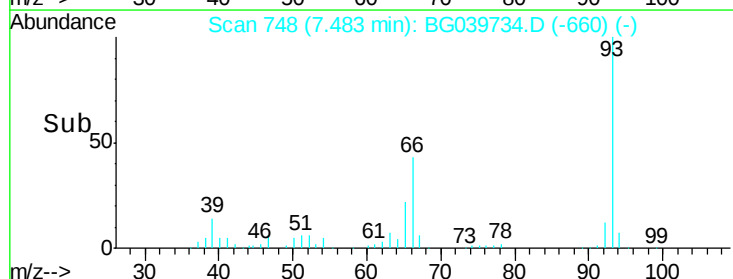
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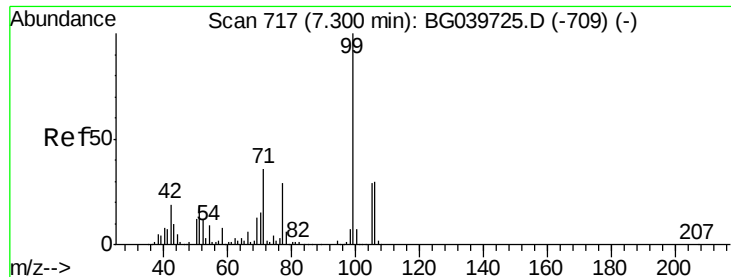
Lab File: BG039734.D

Acq: 4 Mar 2019 16:52



Tgt Ion:	93	Resp:	143102
Ion Ratio	Lower	Upper	
93	100		
66	43.1	34.2	51.4
65	22.1	17.7	26.5





#7

Phenol-d6

Concen: 135.622 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

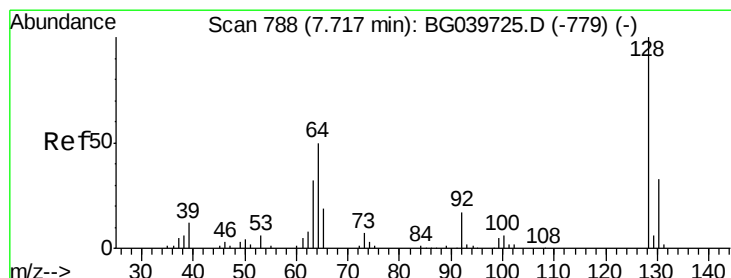
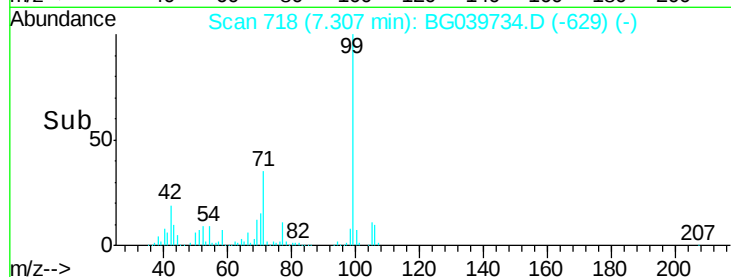
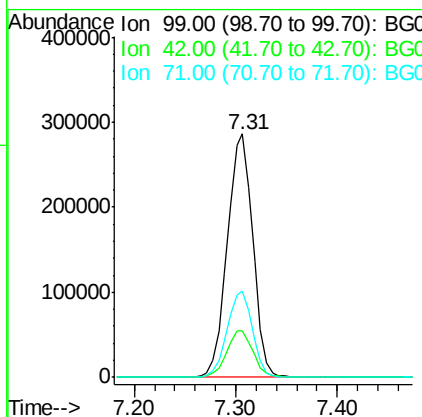
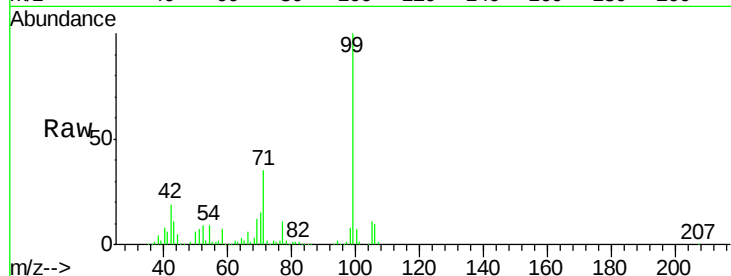
ClientSampleId :

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Tgt Ion:	99	Resp:	497619
Ion Ratio	Lower	Upper	
99	100		
42	19.3	18.2	27.2
71	35.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.219 ng

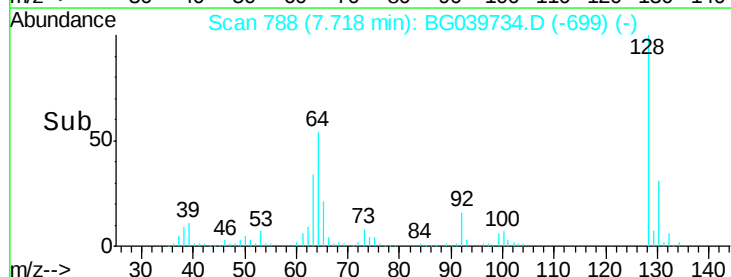
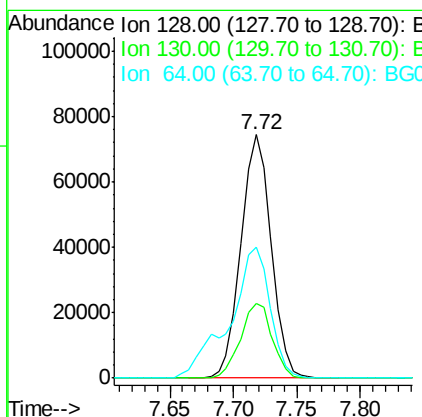
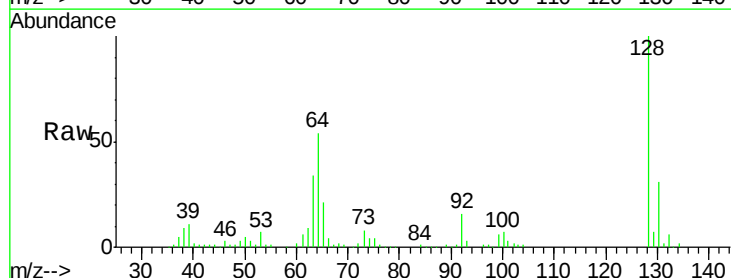
RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	128	Resp:	123055
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.9	52.9
64	54.0	38.7	78.7





#9

Benzaldehyde

Concen: 33.892 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

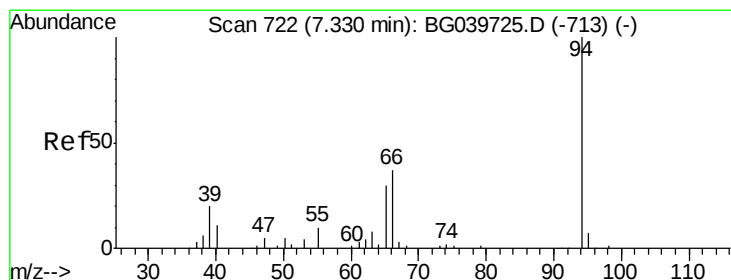
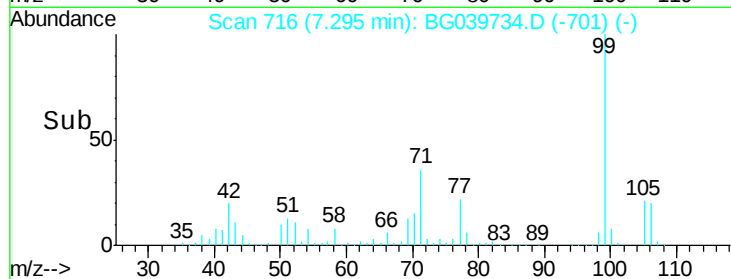
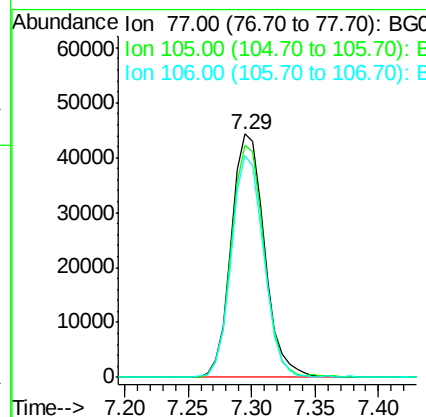
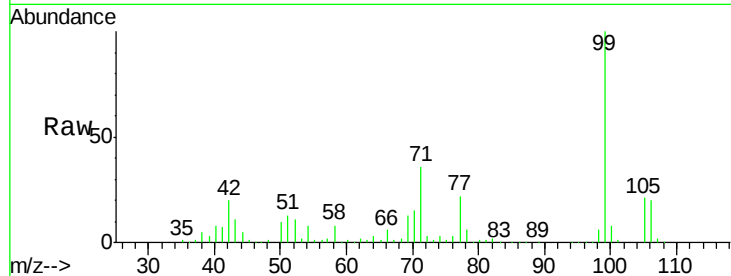
ClientSampleId :

PB117567BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	95.3	74.5	114.5
106	90.9	68.0	108.0

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#10

Phenol

Concen: 41.524 ng

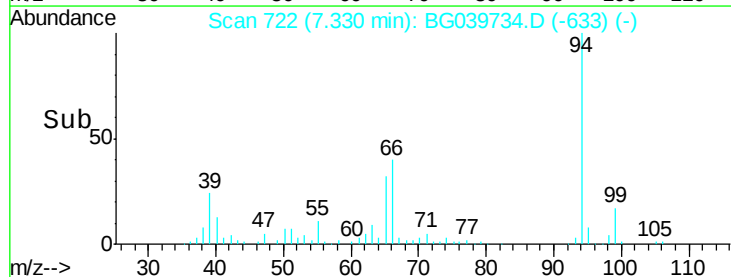
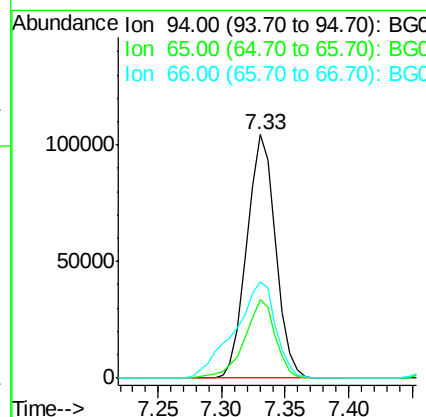
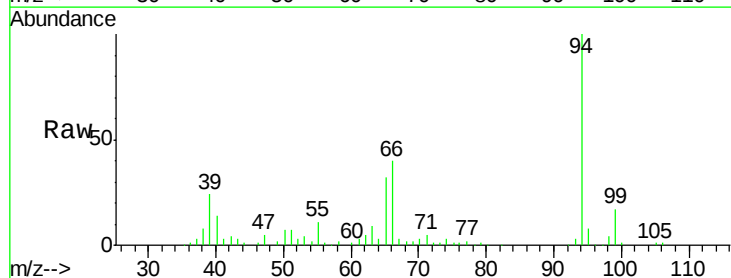
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	39.7	23.7	63.7





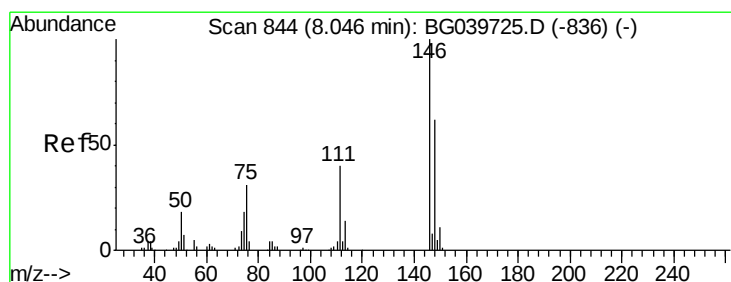
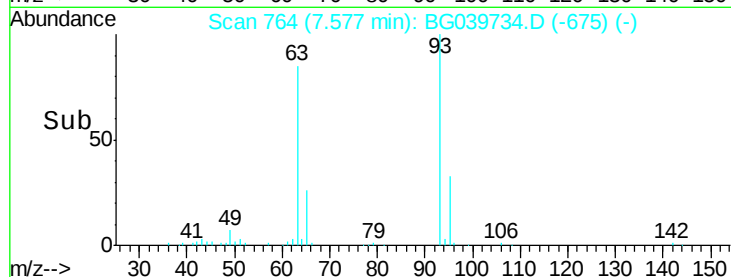
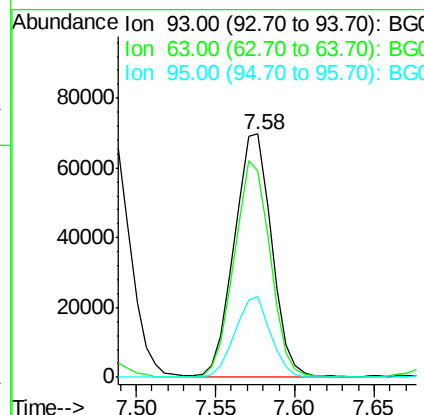
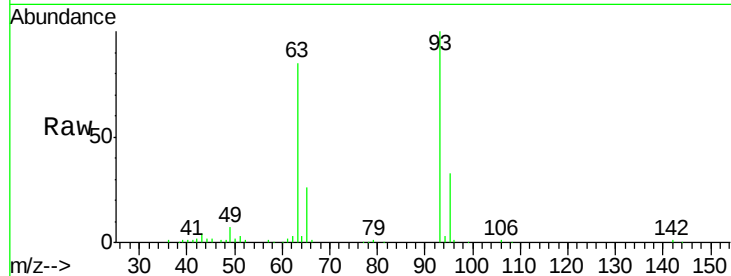
#11
bis(2-Chloroethyl)ether
Concen: 36.632 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	85.1	69.5	109.5
95	33.2	12.7	52.7

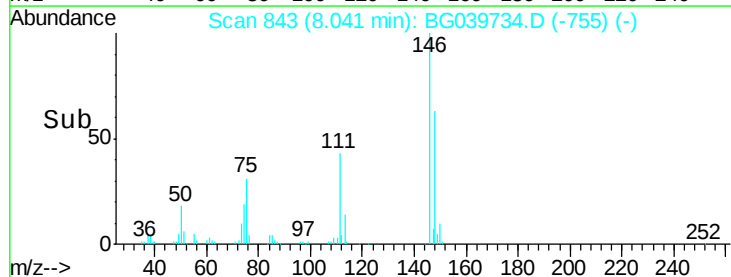
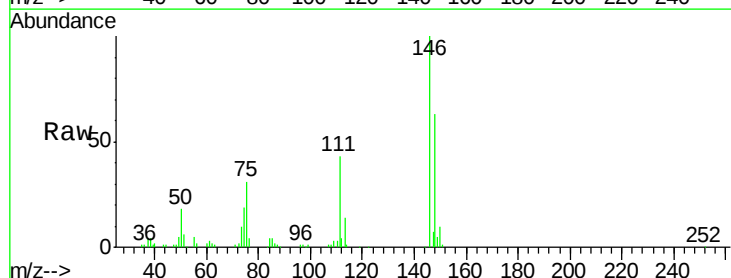
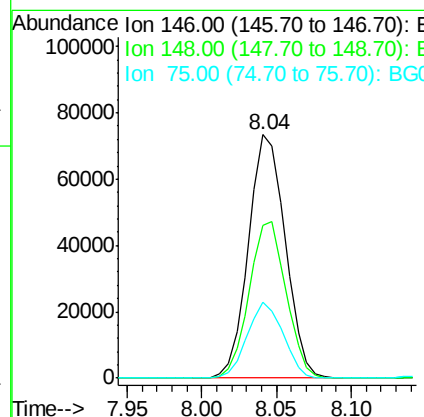
Manual Integrations
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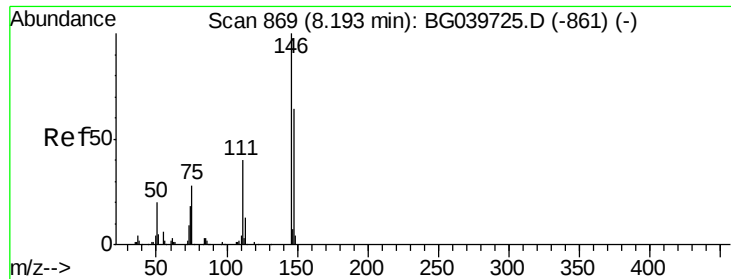
Sohil
3/5/2019 5:21:40 PM



#12
1,3-Dichlorobenzene
Concen: 36.977 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.9	52.6	79.0
75	31.0	25.8	38.6





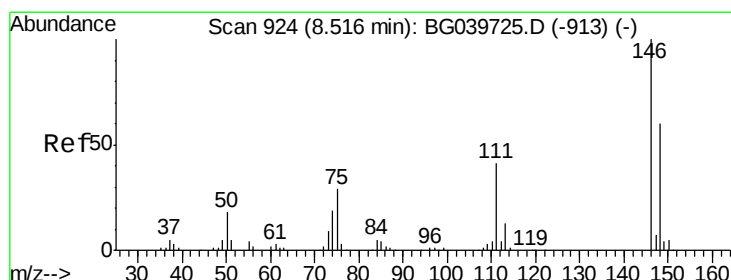
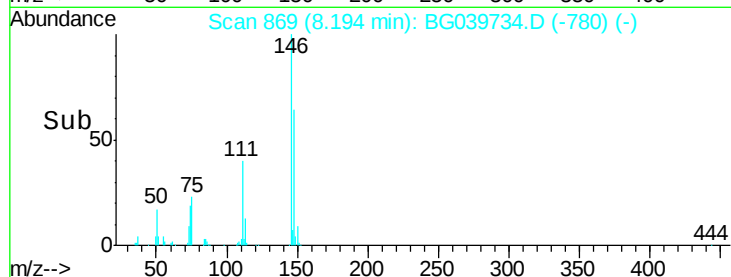
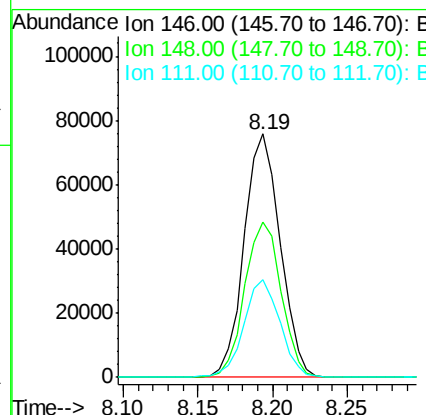
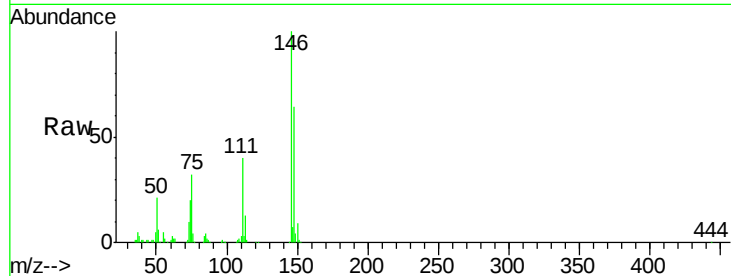
#13
1,4-Dichlorobenzene
Concen: 36.852 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	40.3	32.6	48.8

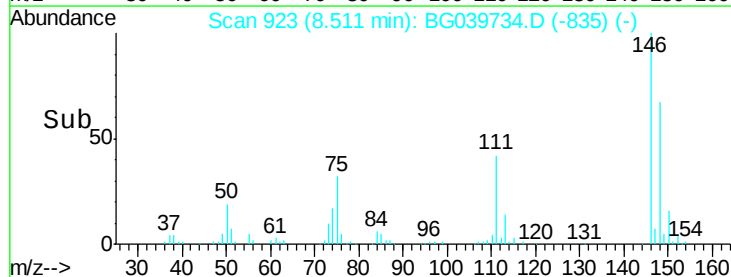
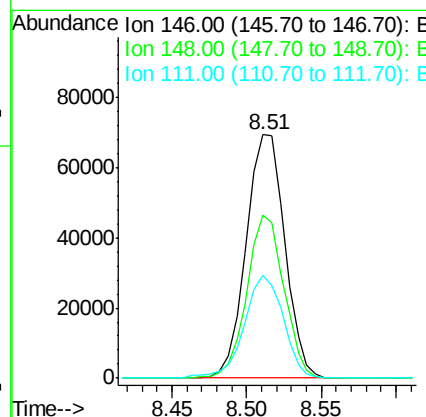
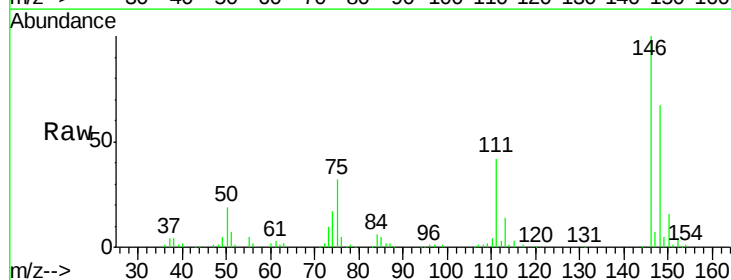
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 37.307 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.5	77.3
111	42.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.788 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

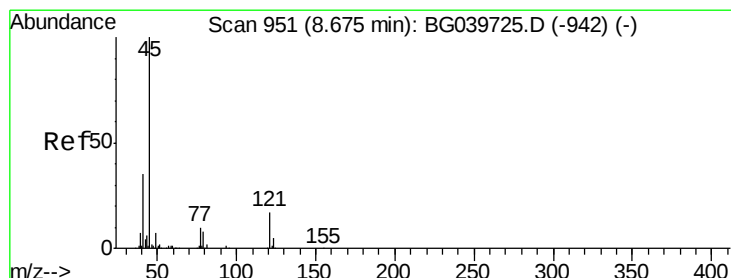
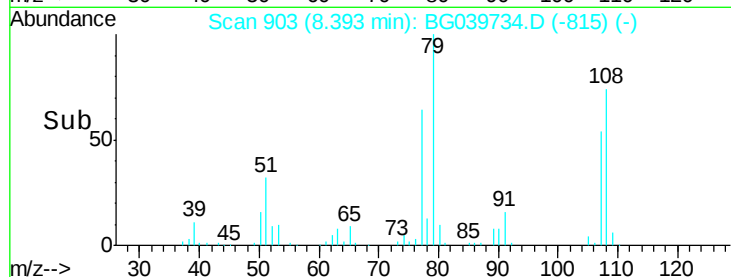
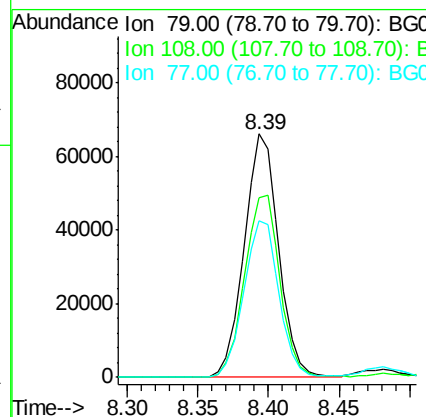
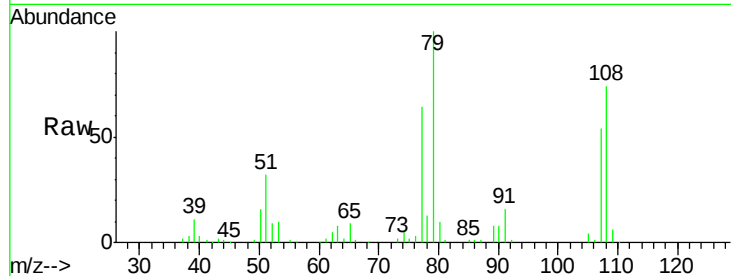
ClientSampleId :

PB117567BS

Tgt Ion:	79	Resp:	112896
Ion Ratio	Lower	Upper	
79	100		
108	73.6	57.8	86.6
77	64.2	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.866 ng

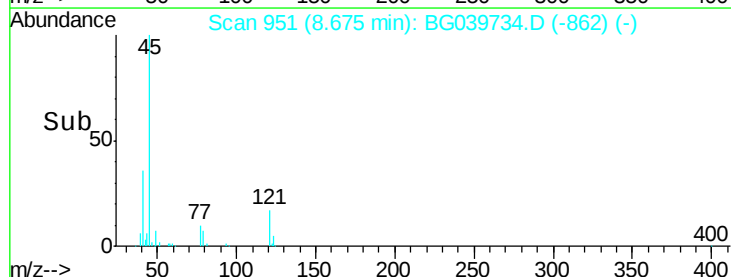
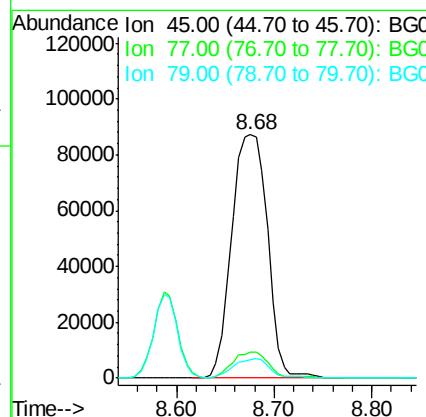
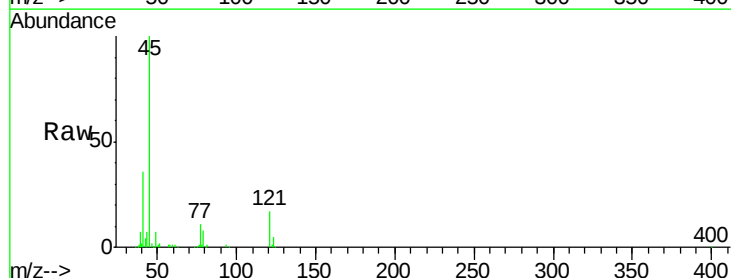
RT: 8.68 min Scan# 951

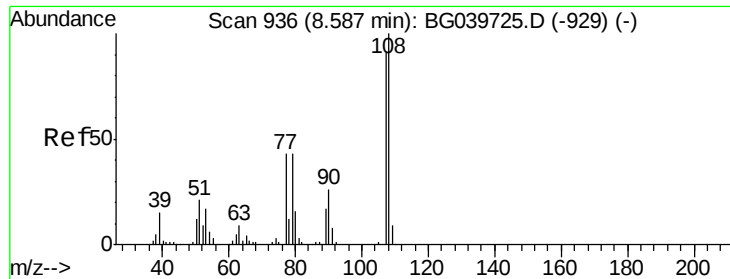
Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	45	Resp:	222303
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.0
79	7.8	0.0	27.5





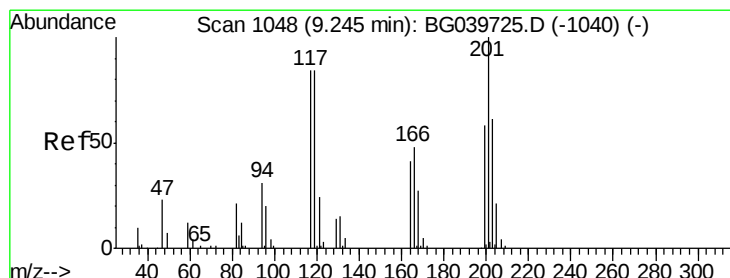
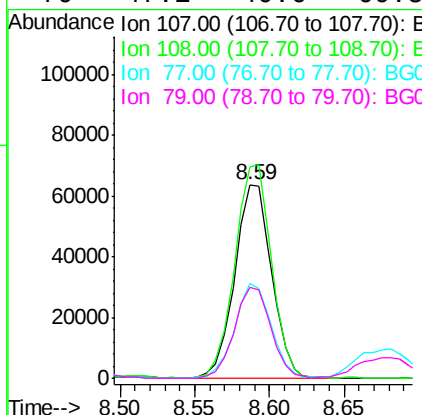
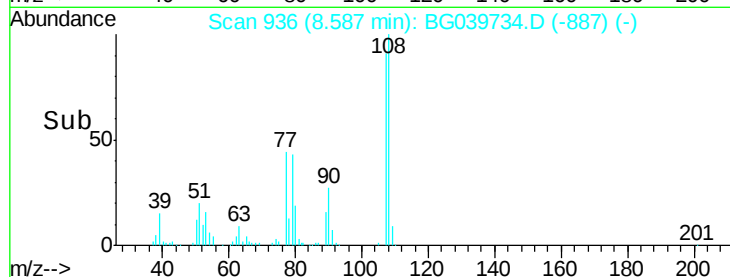
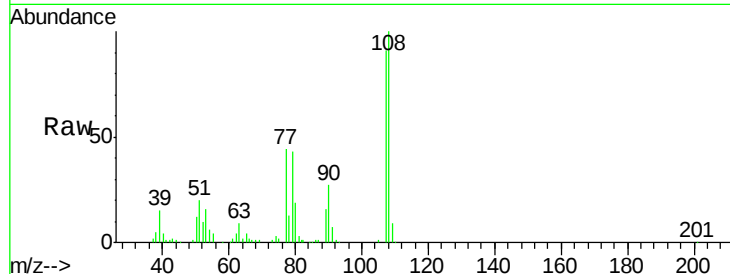
#17
2-Methylphenol
Concen: 43.100 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	109238		
108	109.3	90.8	136.2	
77	48.6	40.7	61.1	
79	47.1	40.6	60.8	

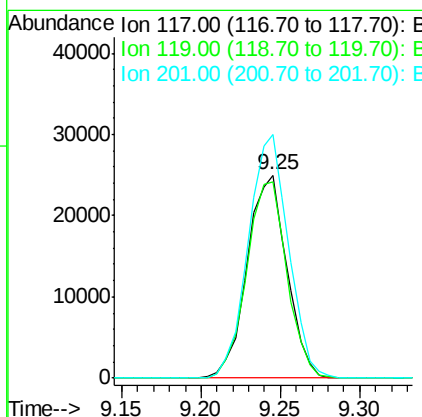
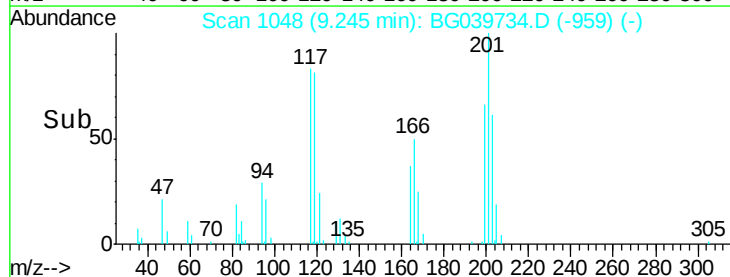
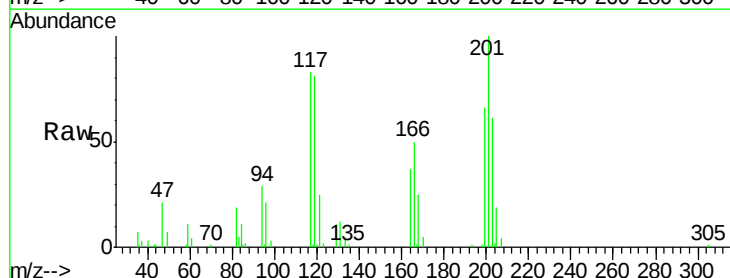
Manual Integrations
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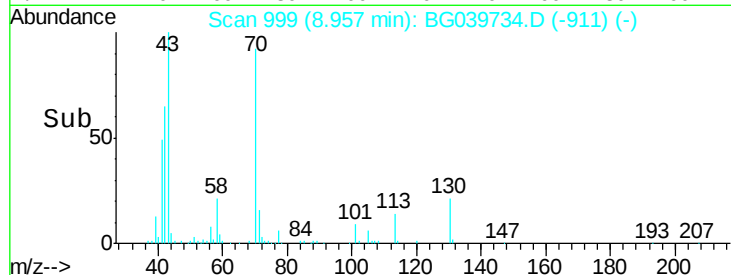
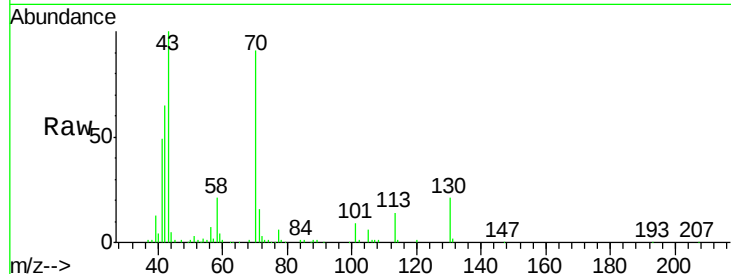
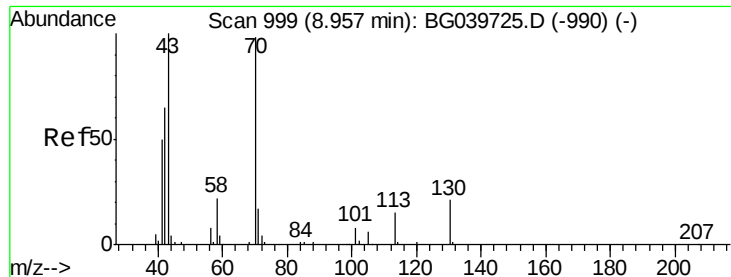
Sohil
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#18
Hexachloroethane
Concen: 35.324 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43591		
119	96.9	76.3	114.5	
201	120.0	91.1	136.7	





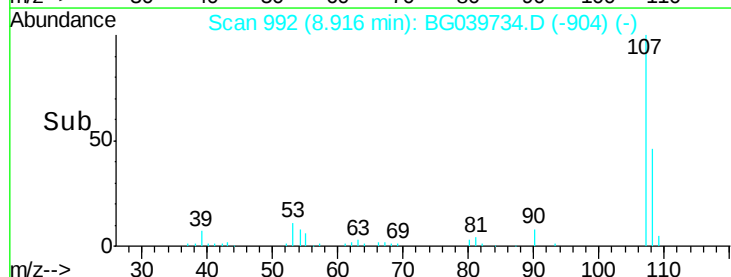
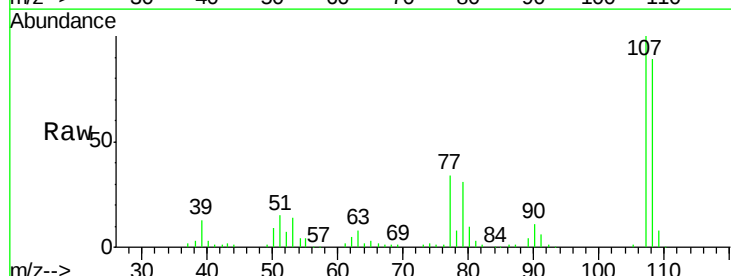
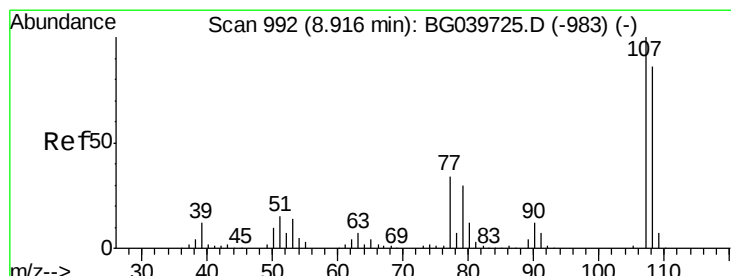
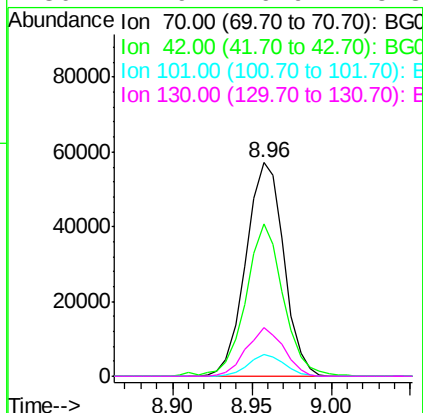
#19
n-Nitroso-di-n-propylamine
Concen: 35.981 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.0	60.4	90.6
101	10.0	7.5	11.3
130	22.9	16.9	25.3

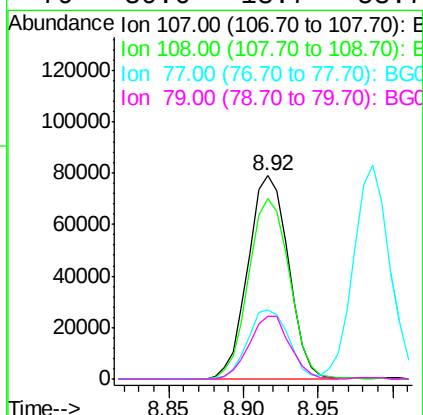
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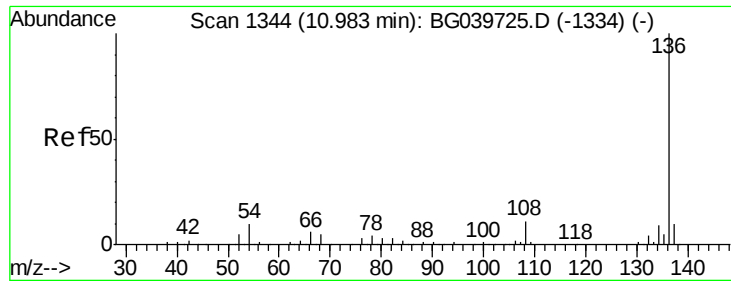
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#20
3+4-Methylphenols
Concen: 42.078 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

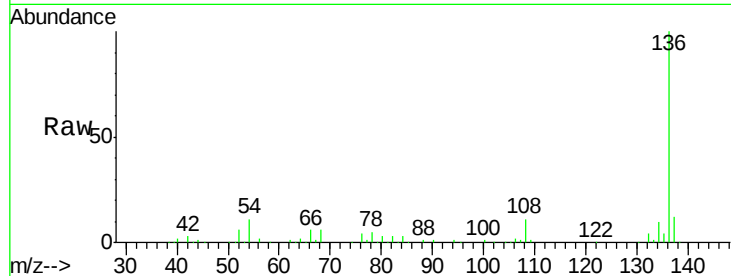
Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.9	107.9
77	33.8	15.4	55.4
79	30.6	13.7	53.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

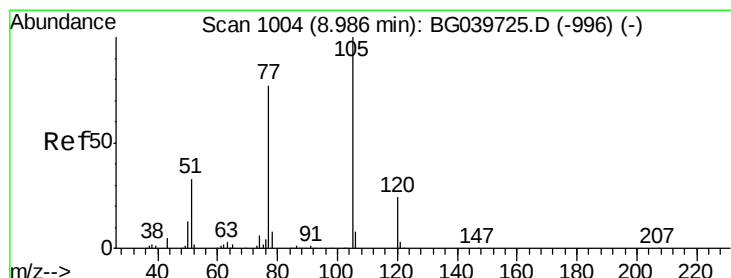
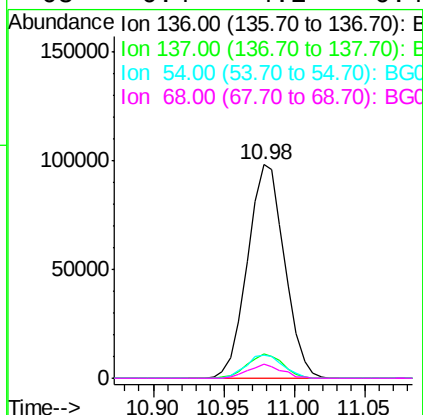
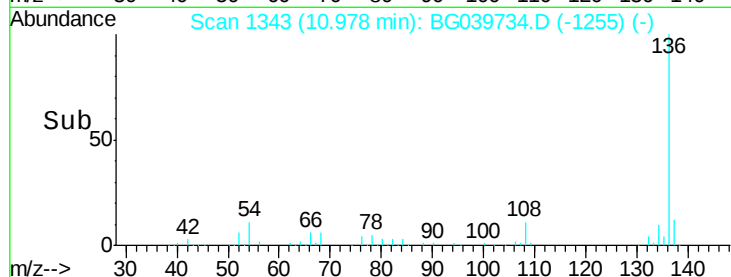
Instrument :
BNA_G
ClientSampleId :
PB117567BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.5	9.1	13.7
54	10.8	9.4	14.2
68	6.4	4.2	6.4#

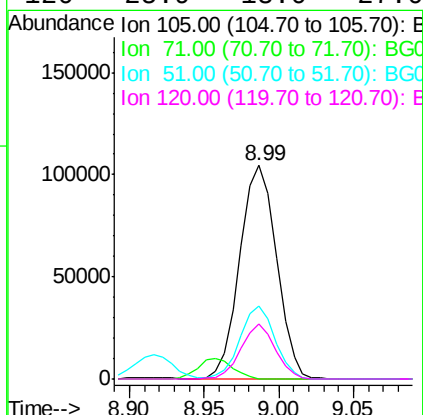
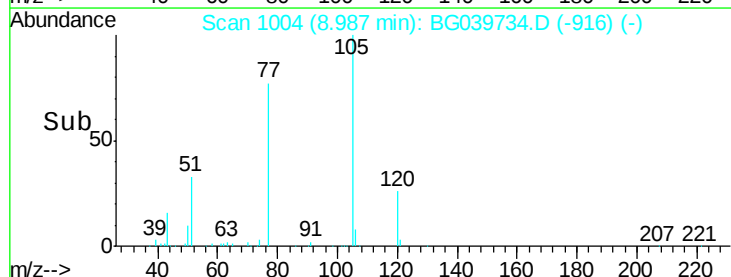
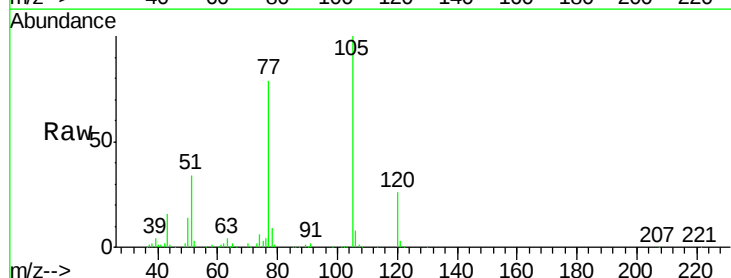
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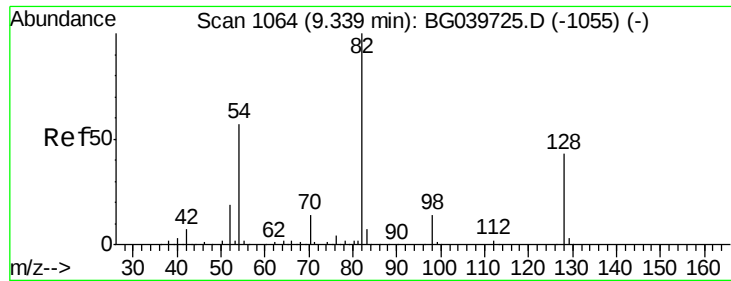
Sohil
3/5/2019 5:21:40 PM



#22
Acetophenone
Concen: 37.059 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.3	0.8	1.2#
51	34.0	30.2	45.2
120	25.9	18.0	27.0





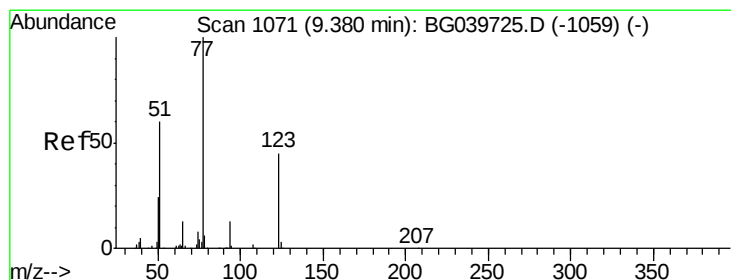
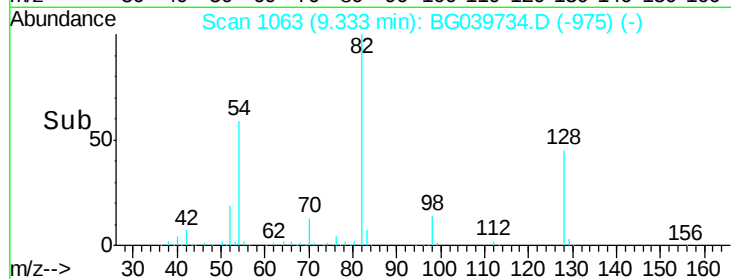
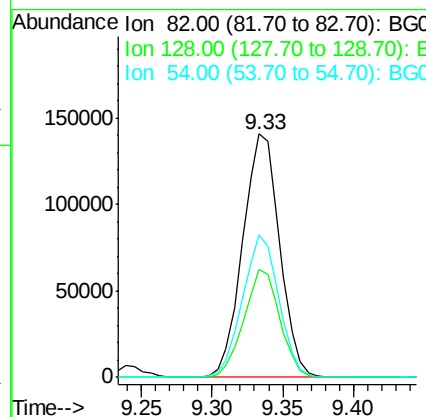
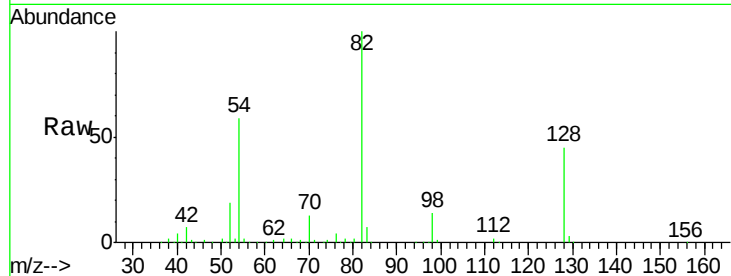
#23
Nitrobenzene-d5
Concen: 77.120 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampled :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	257545		
128	44.5	31.3	46.9	
54	58.5	50.9	76.3	

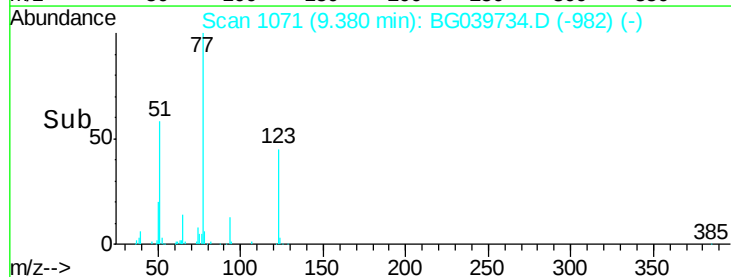
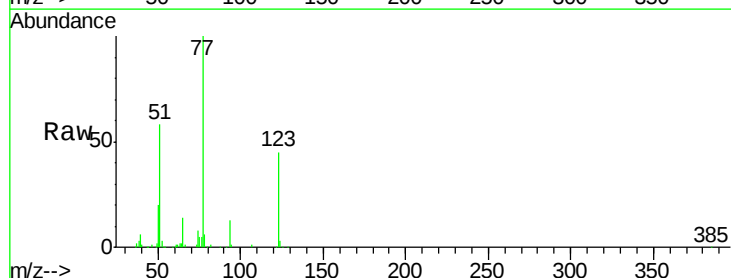
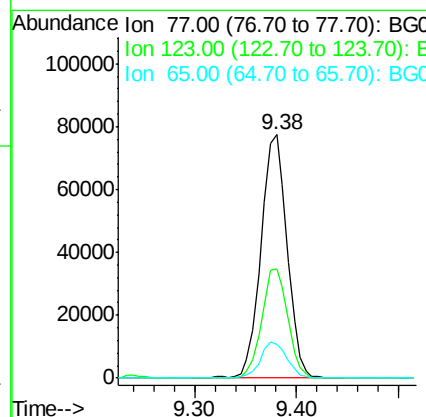
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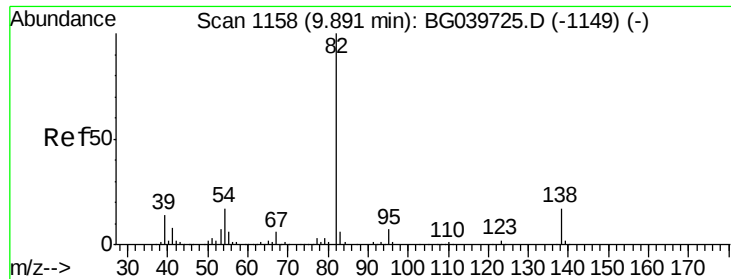
Sohil
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#24
Nitrobenzene
Concen: 39.473 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138290		
123	44.9	34.1	51.1	
65	13.8	12.3	18.5	





#25

Isophorone

Concen: 39.131 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

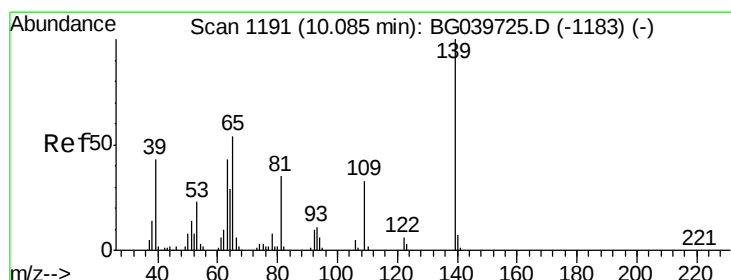
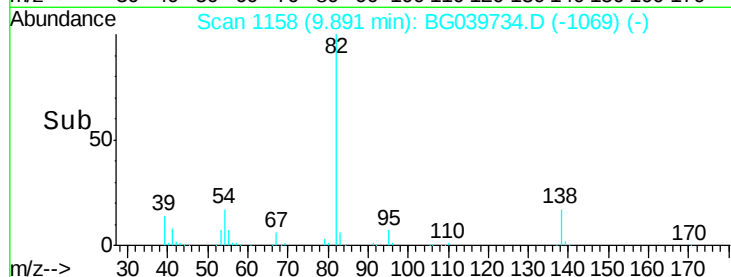
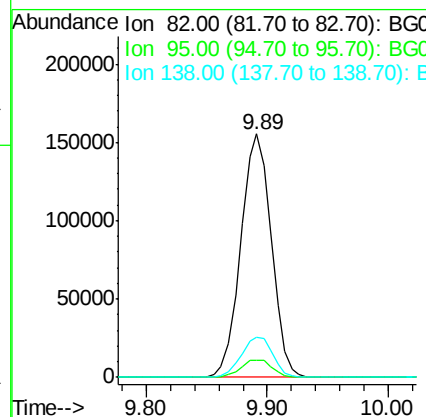
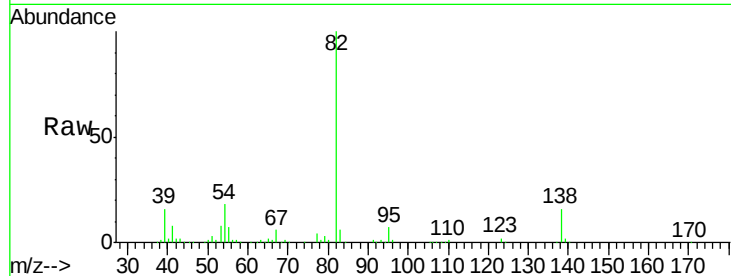
ClientSampleId :

PB117567BS

Tgt Ion:	82	Resp:	273816
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.2	9.2
138	16.3	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.600 ng

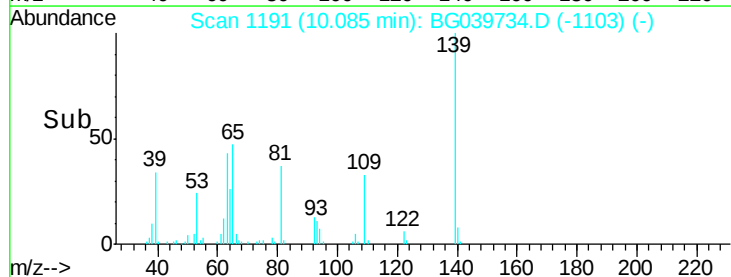
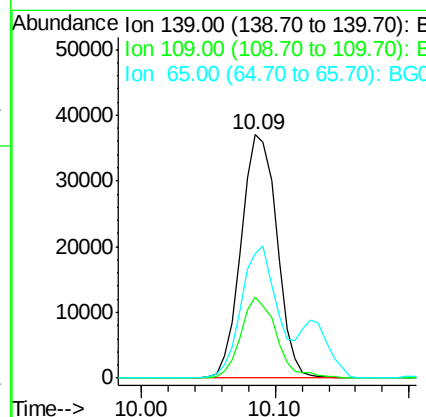
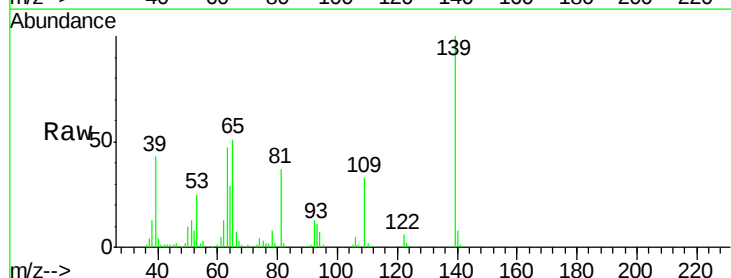
RT: 10.09 min Scan# 1191

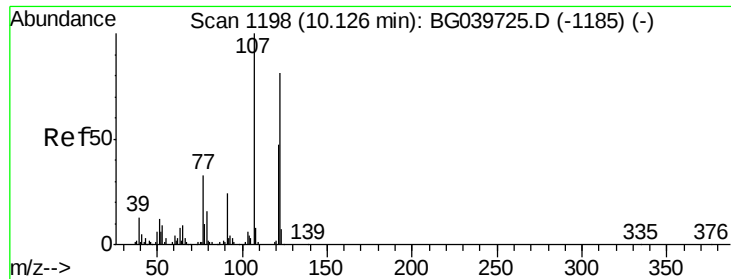
Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	139	Resp:	68676
Ion Ratio		Lower	Upper
139	100		
109	33.4	23.4	35.0
65	51.4	44.3	66.5





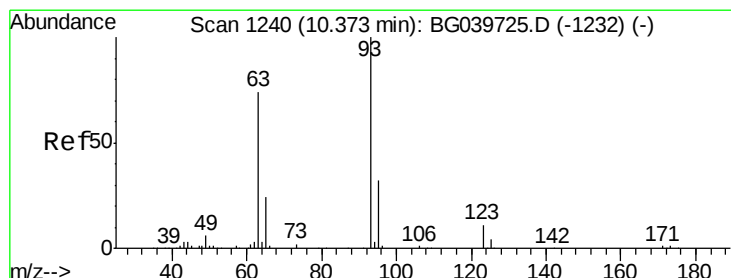
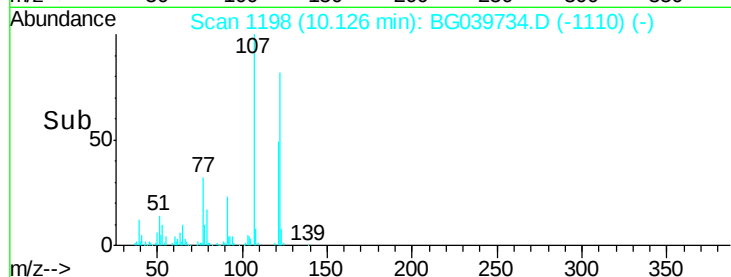
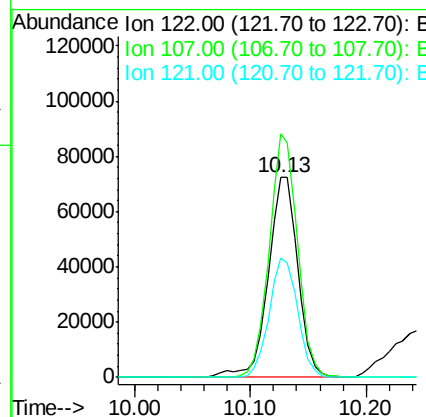
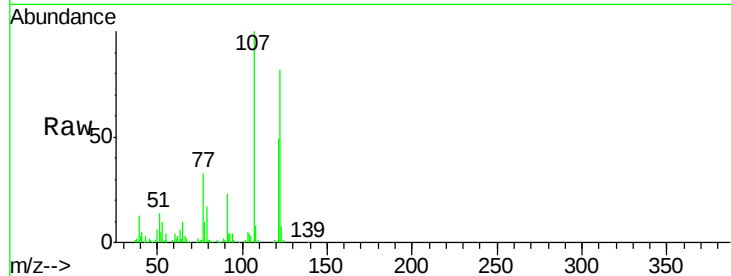
#27
2,4-Dimethylphenol
Concen: 49.185 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129394		
107	121.8	91.7	137.5	
121	59.6	46.4	69.6	

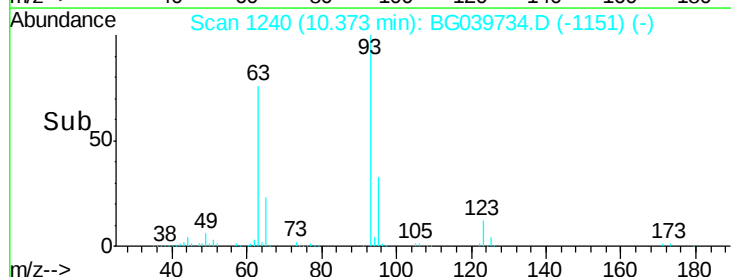
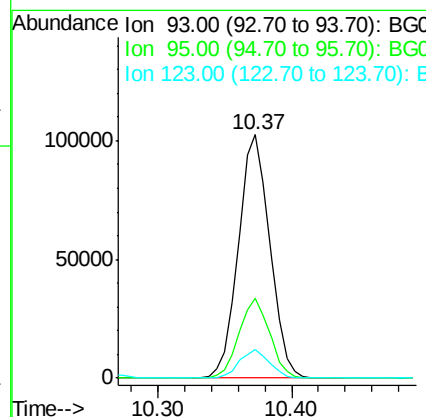
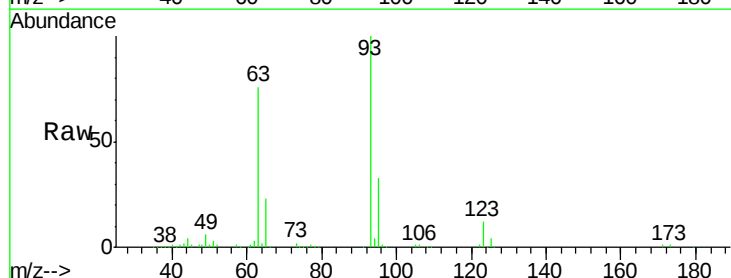
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#28
bis(2-Chloroethoxy)methane
Concen: 39.318 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167193		
95	33.0	25.0	37.4	
123	11.9	8.6	12.8	





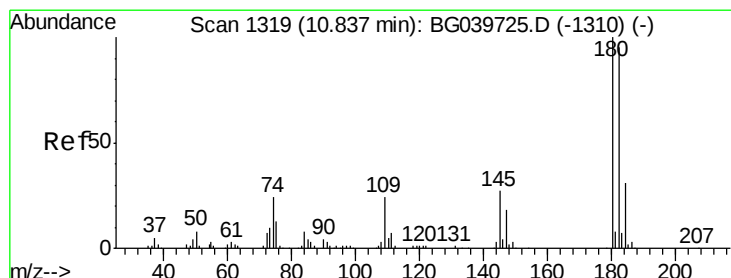
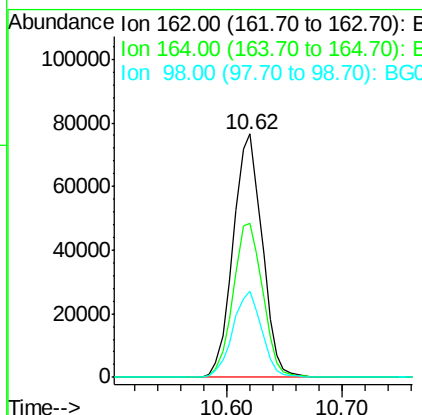
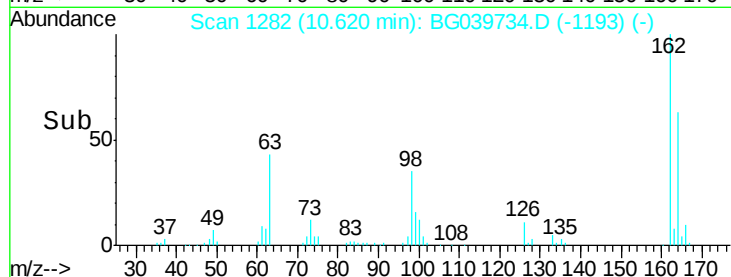
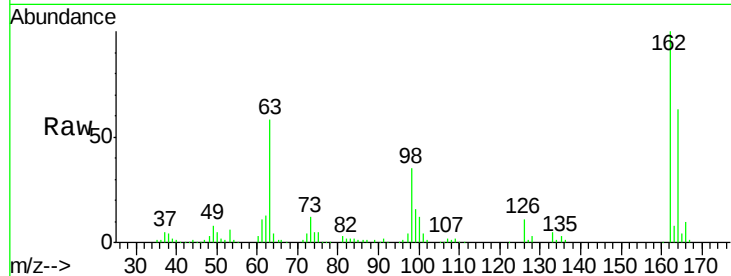
#29
 2,4-Dichlorophenol
 Concen: 45.102 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampled :
 PB117567BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	48.1	88.1
98	35.2	18.1	58.1

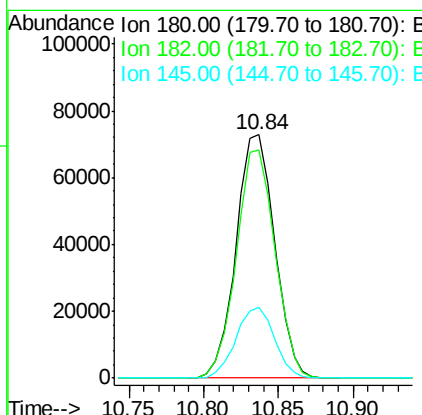
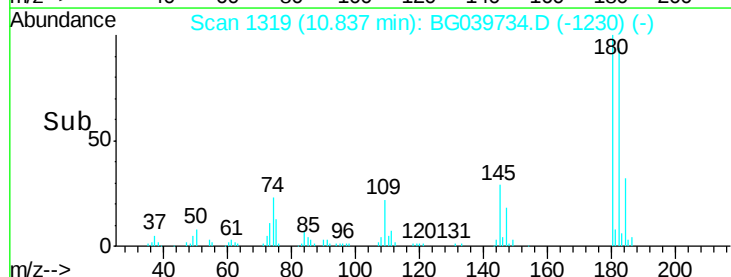
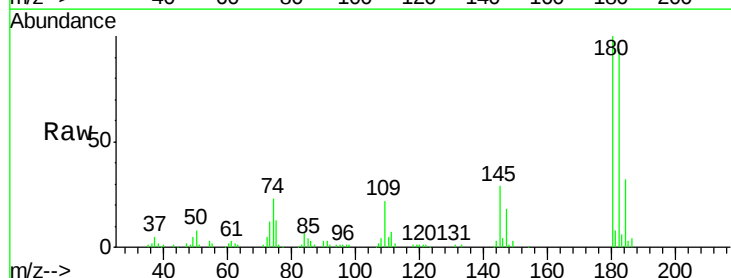
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.231 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.7	76.0	114.0
145	29.1	22.7	34.1





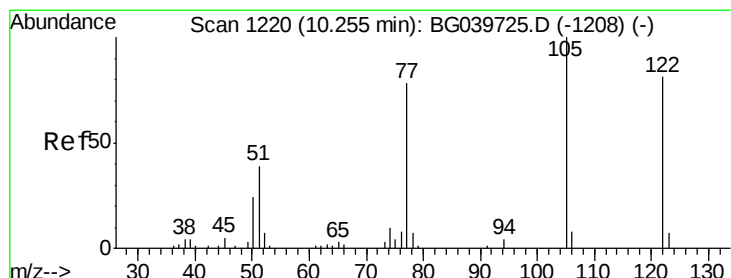
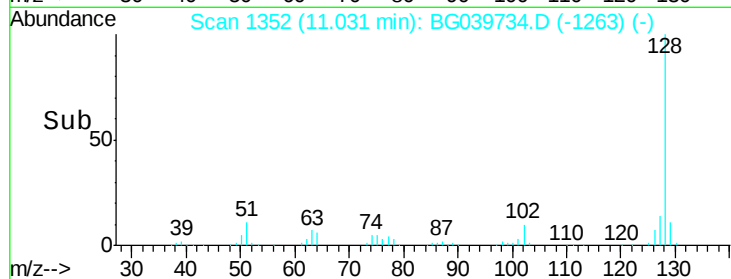
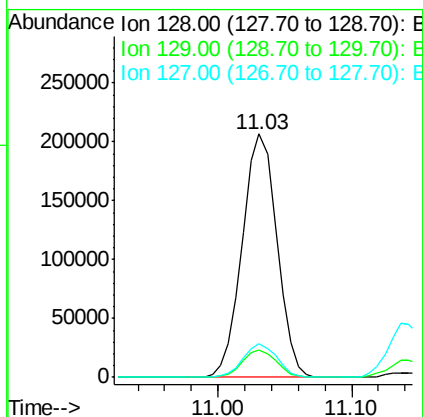
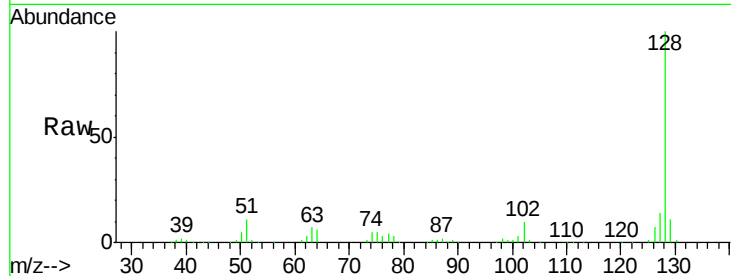
#31
Naphthalene
Concen: 38.840 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampled :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	371425		
129	11.0	8.7	13.1	
127	13.8	10.8	16.2	

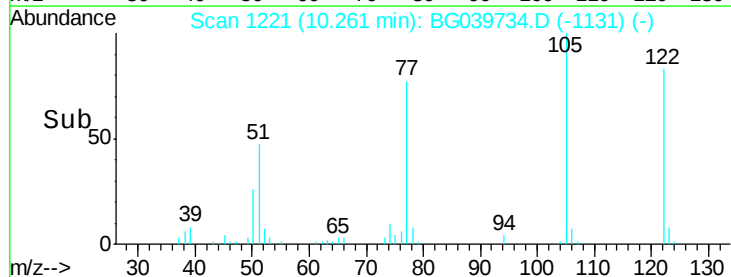
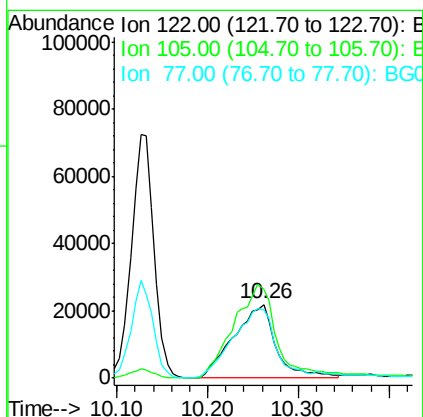
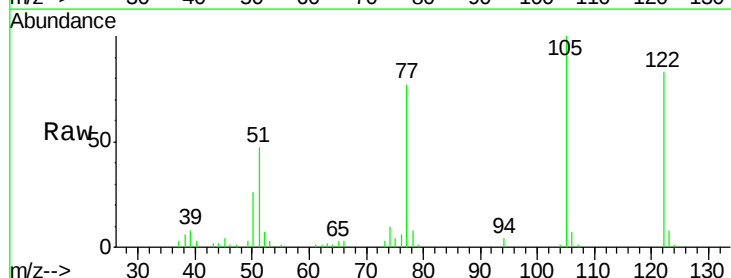
Manual Integrations
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#32
Benzoic acid
Concen: 40.683 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71380		
105	121.2	101.8	141.8	
77	93.4	76.3	116.3	





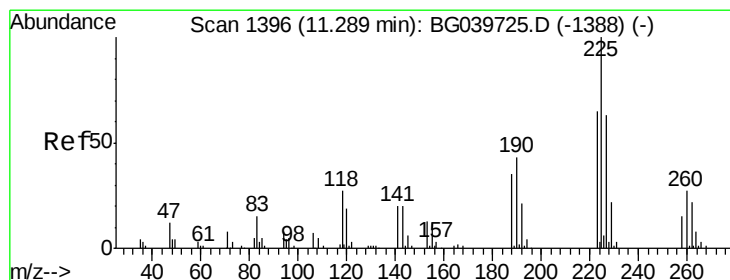
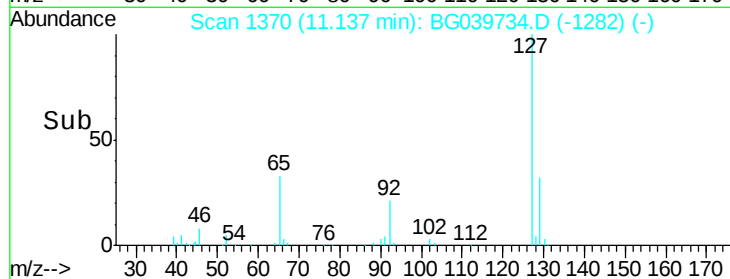
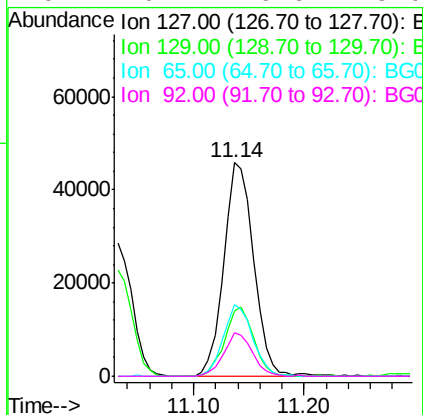
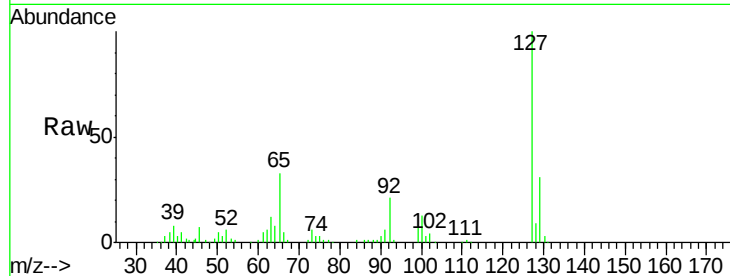
#33
4-Chloroaniline
Concen: 21.417 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:	127	Resp:	86847
Ion Ratio	Lower	Upper	
127	100		
129	30.8	27.0	40.4
65	33.4	28.8	43.2
92	20.7	16.6	25.0

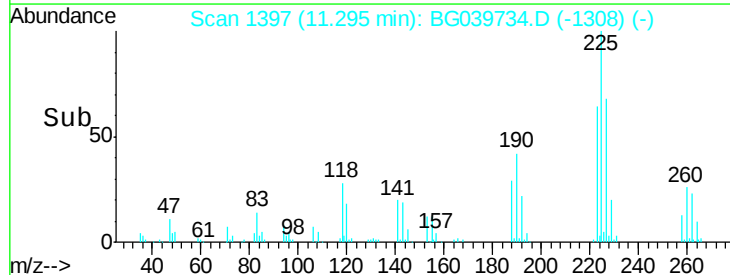
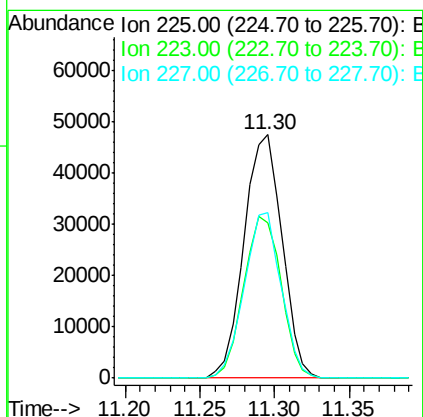
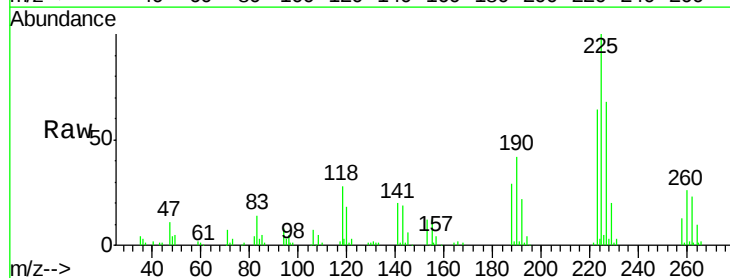
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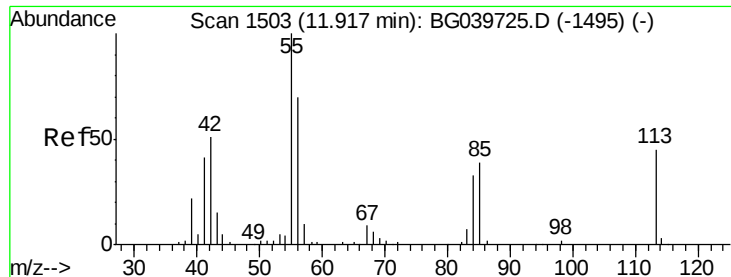
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#34
Hexachlorobutadiene
Concen: 36.690 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:	225	Resp:	83563
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.0	73.6
227	68.0	46.3	69.5





#35

Caprolactam

Concen: 40.532 ng m

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

ClientSampled :

PB117567BS

Tgt Ion:113 Resp: 45860

Ion Ratio Lower Upper

113 100

55 219.9 216.9 256.9

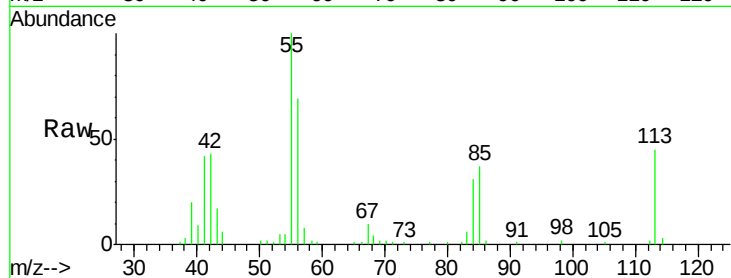
56 152.4 152.6 192.6#

Manual Integrations

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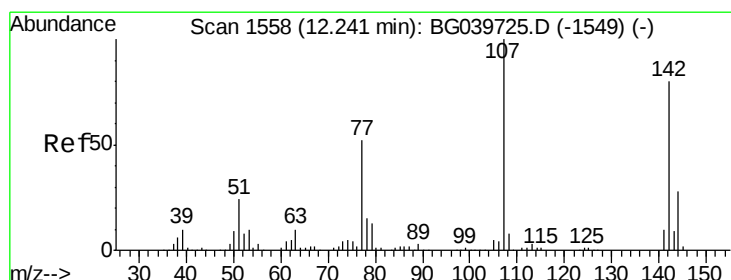
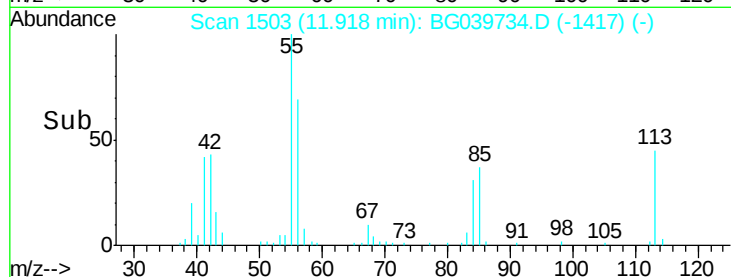
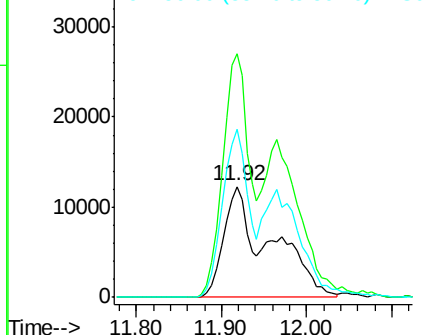
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.991 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

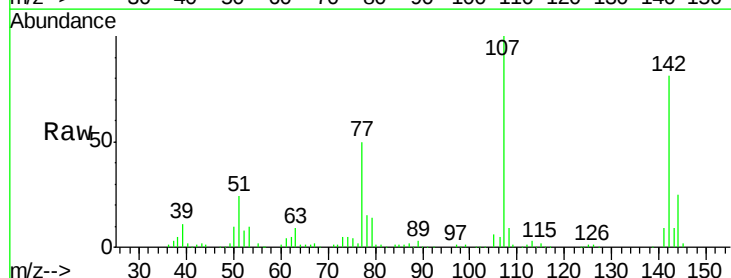
Tgt Ion:107 Resp: 145969

Ion Ratio Lower Upper

107 100

144 25.3 20.2 30.2

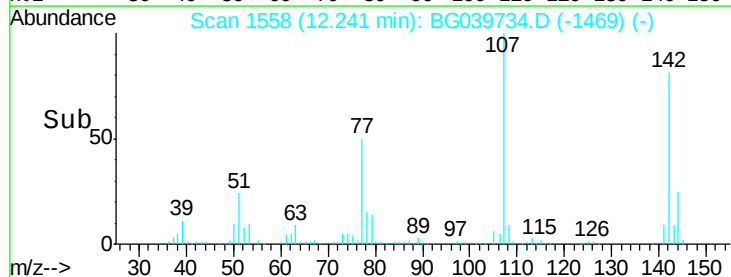
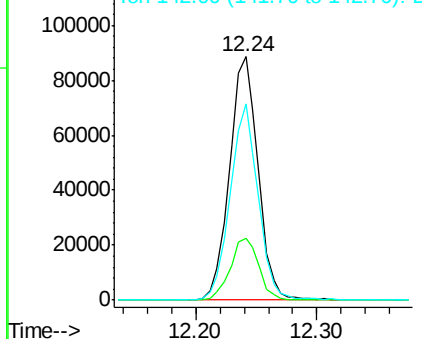
142 80.6 61.4 92.2

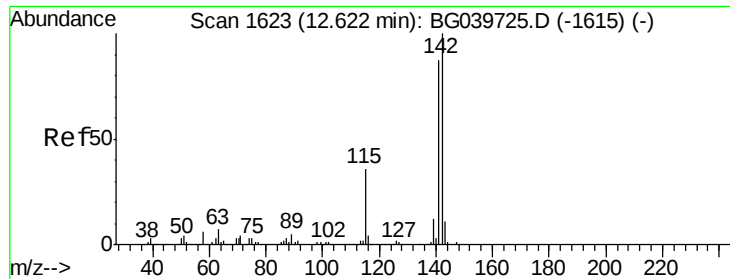


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





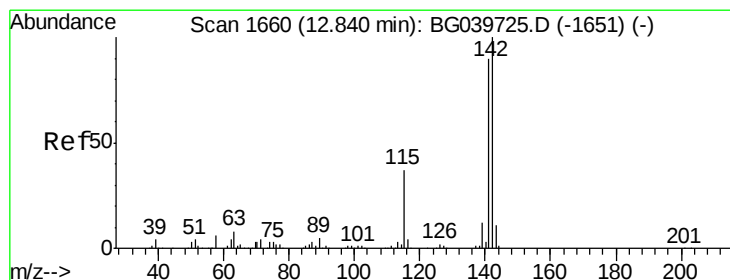
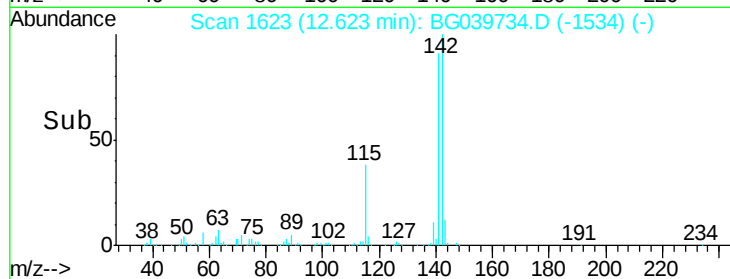
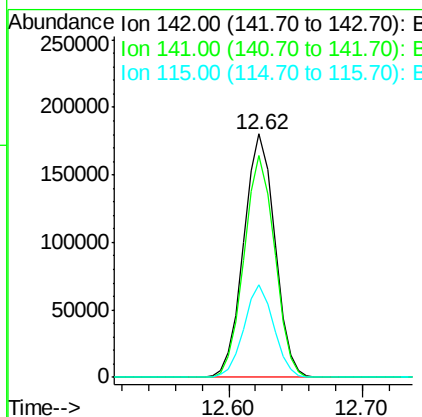
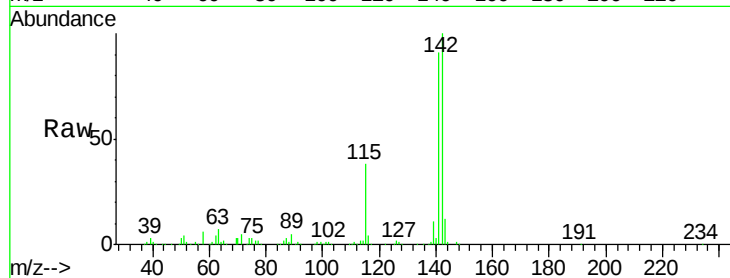
#37
2-Methylnaphthalene
Concen: 40.475 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
115	37.9	30.8	46.2

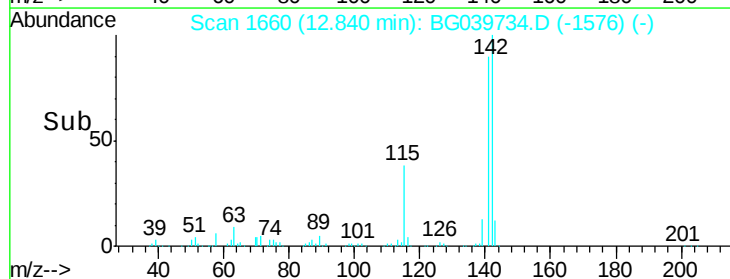
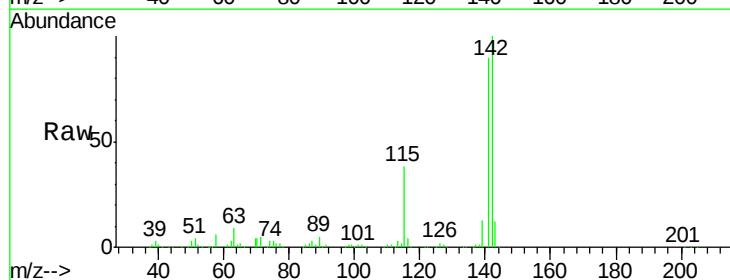
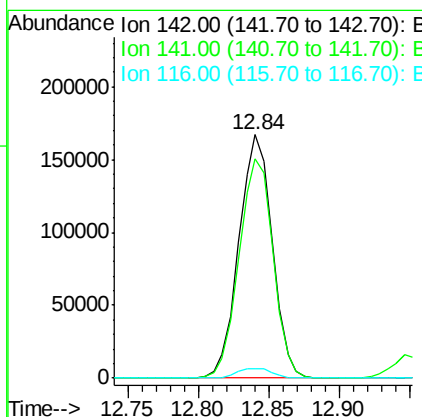
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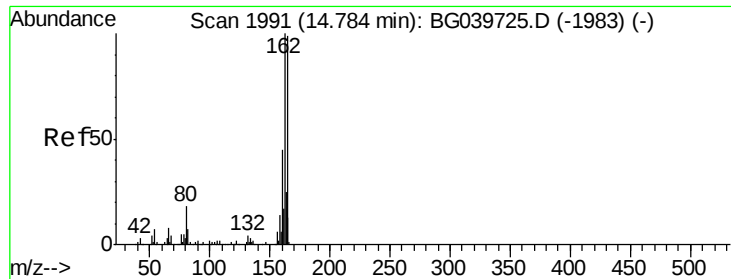
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#38
1-Methylnaphthalene
Concen: 39.617 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.2	111.4
116	4.1	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: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

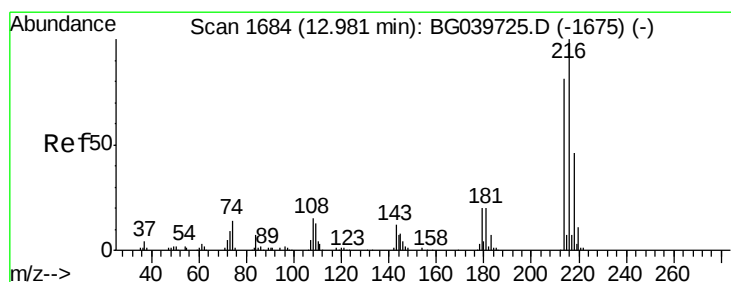
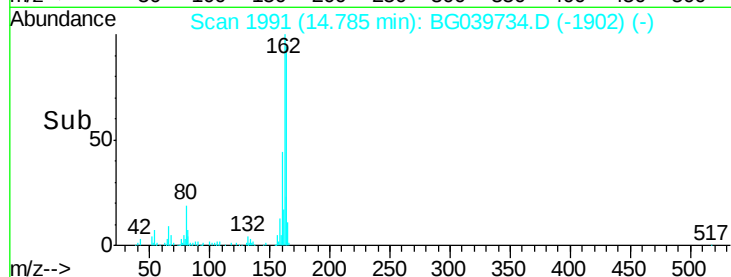
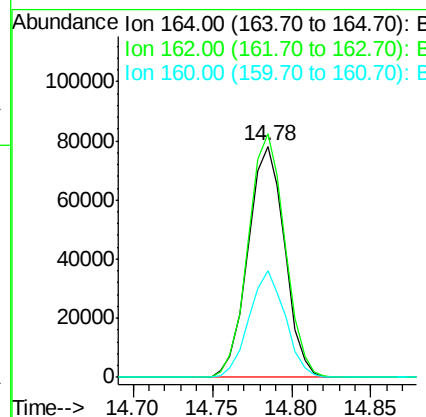
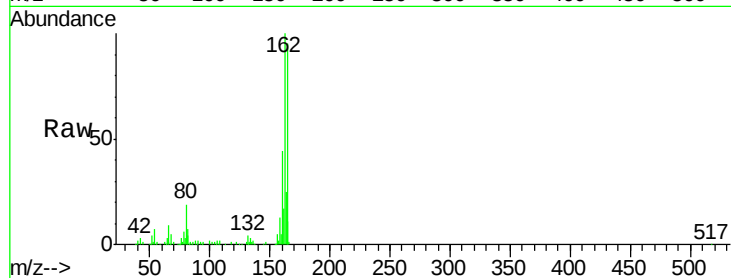
ClientSampleId :

PB117567BS

Tgt Ion:	164	Resp:	125095
Ion Ratio	Lower	Upper	
164	100		
162	105.5	81.6	122.4
160	46.0	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.524 ng

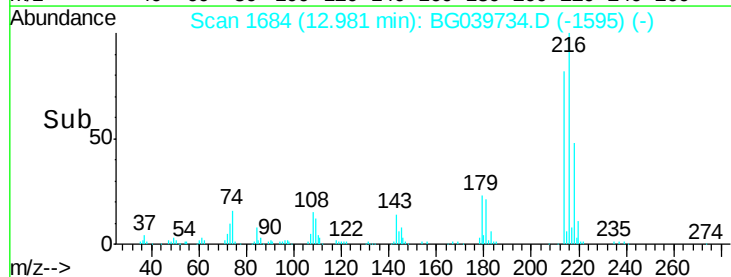
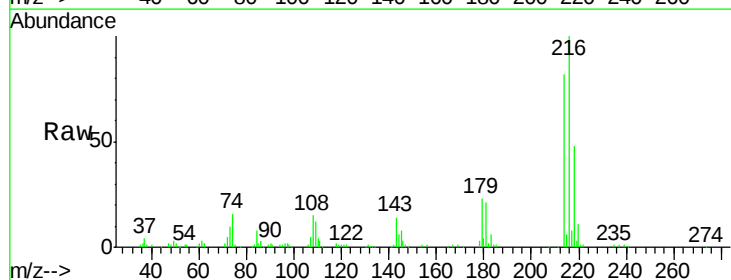
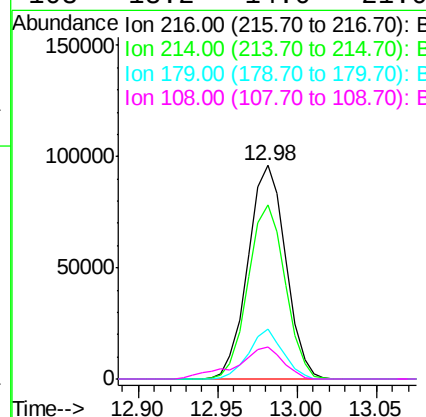
RT: 12.98 min Scan# 1684

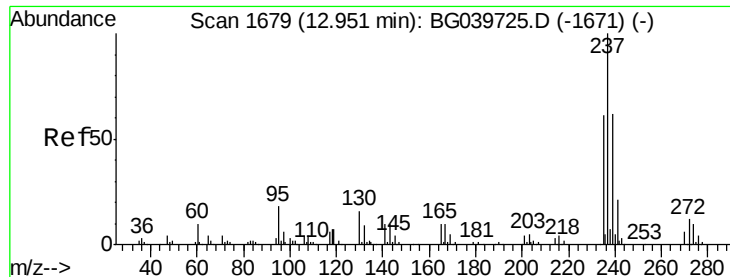
Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	216	Resp:	159021
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.6	94.0
179	21.1	16.6	25.0
108	18.2	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 96.755 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

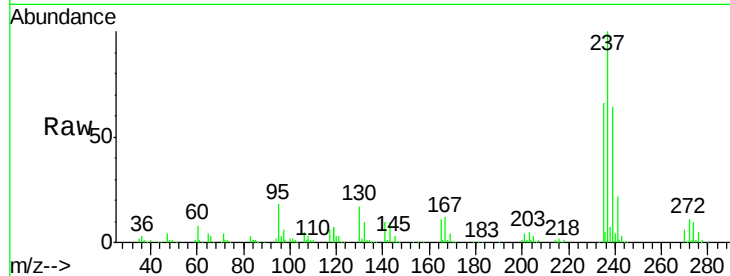
ClientSampleId :

PB117567BS

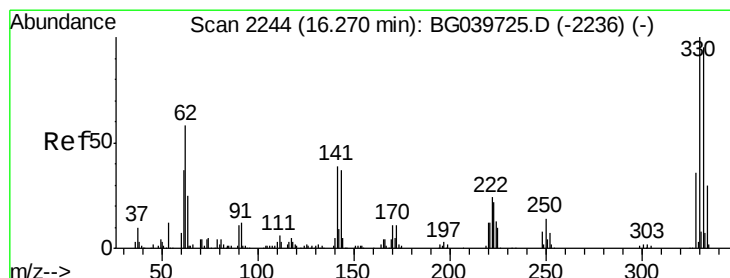
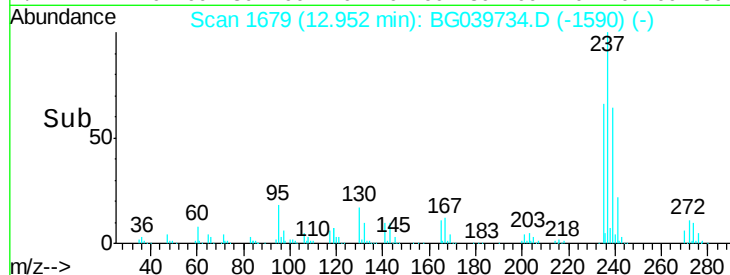
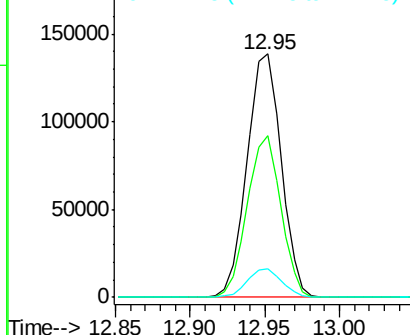
Tgt Ion:	237	Resp:	219742
Ion Ratio		Lower	Upper
237	100		
235	66.2	43.3	83.3
272	11.5	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 138.431 ng

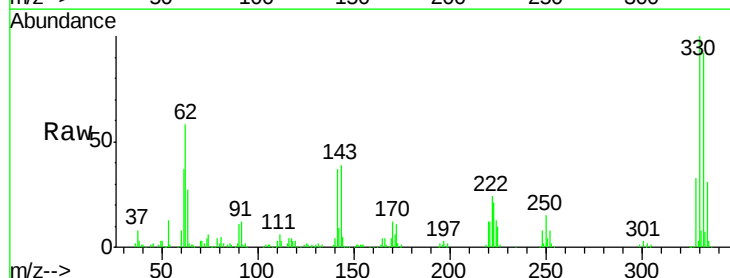
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

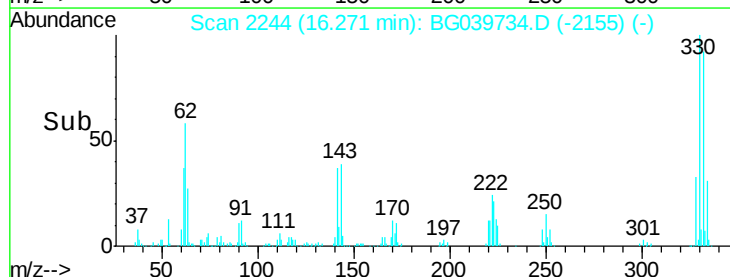
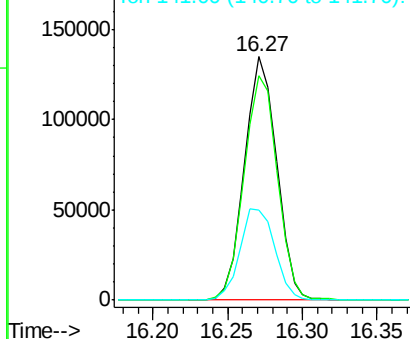
Lab File: BG039734.D

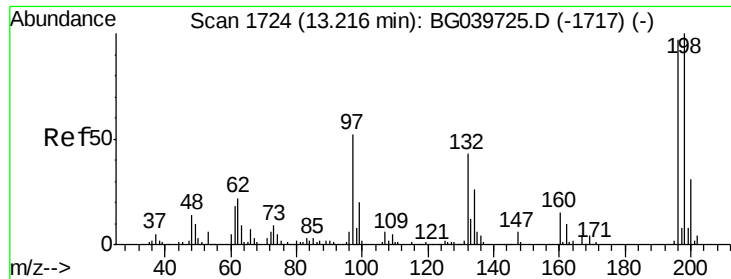
Acq: 4 Mar 2019 16:52

Tgt Ion:	330	Resp:	201843
Ion Ratio		Lower	Upper
330	100		
332	95.2	75.7	113.5
141	40.6	35.6	53.4



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





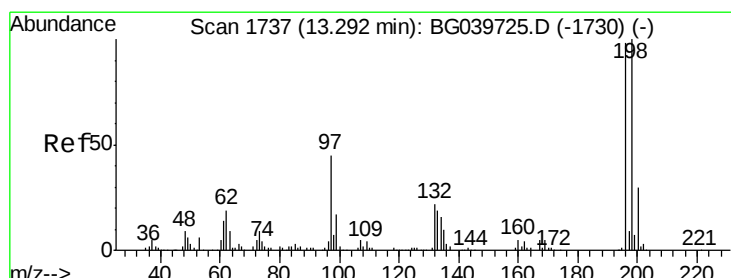
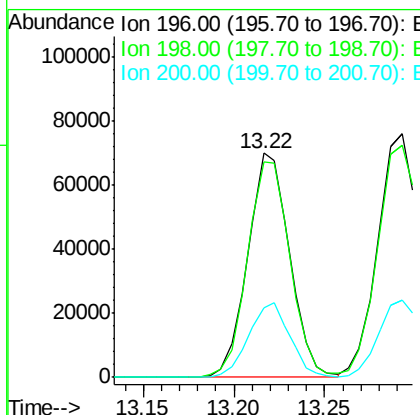
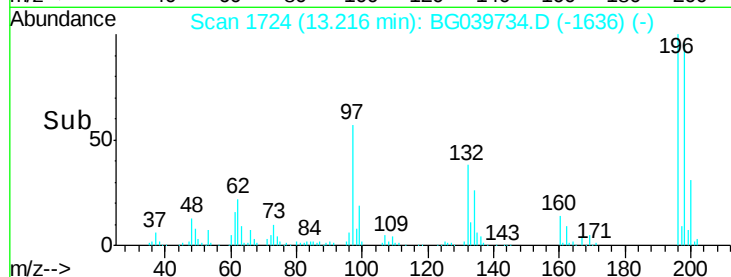
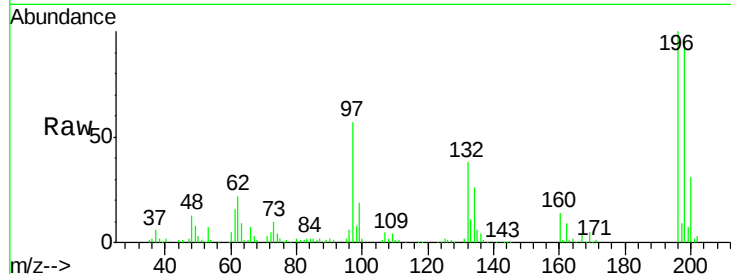
#43
 2,4,6-Trichlorophenol
 Concen: 44.928 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampled :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111471		
198	96.5	80.6	121.0	
200	31.2	26.1	39.1	

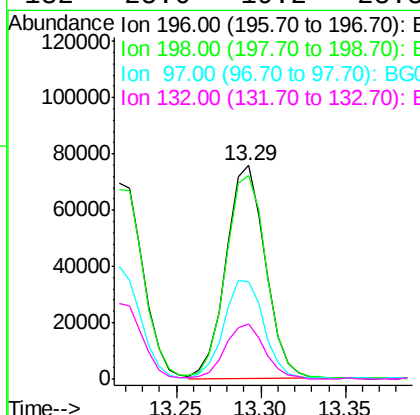
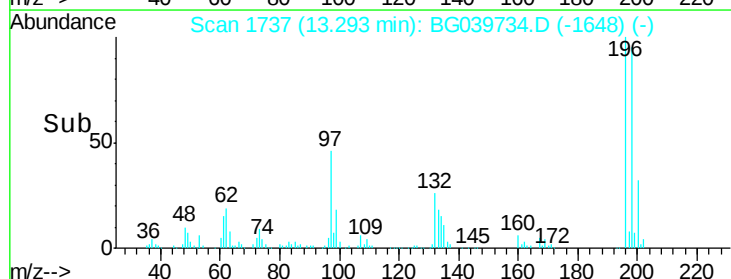
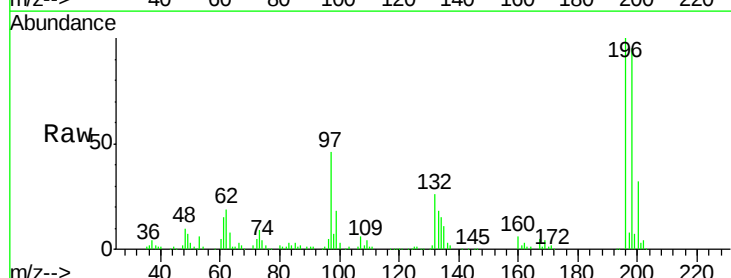
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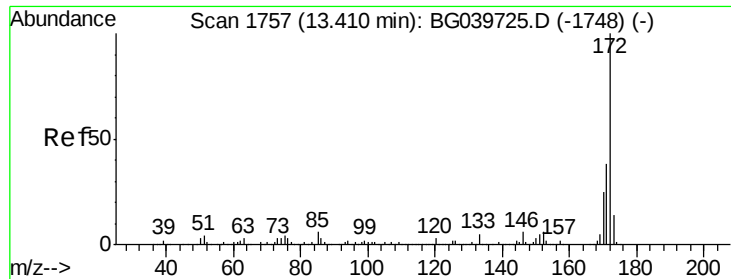
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#44
 2,4,5-Trichlorophenol
 Concen: 43.854 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122645		
198	95.4	78.5	117.7	
97	45.9	38.4	57.6	
132	25.6	19.2	28.8	





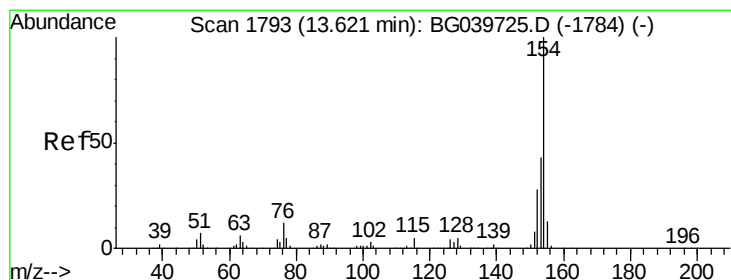
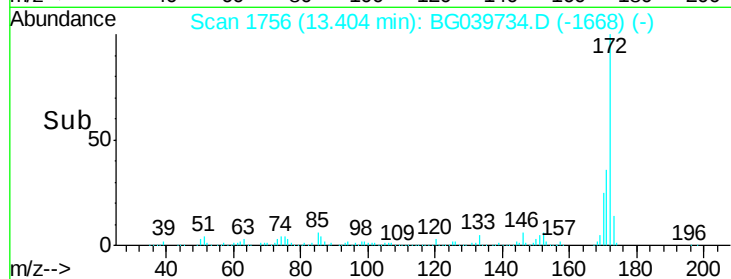
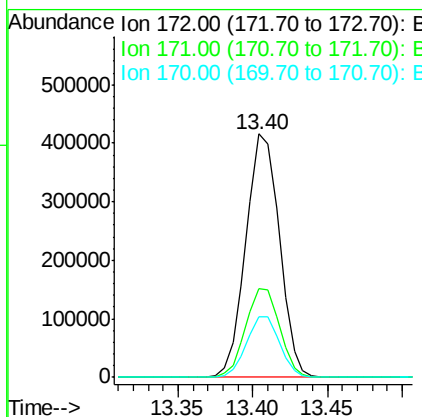
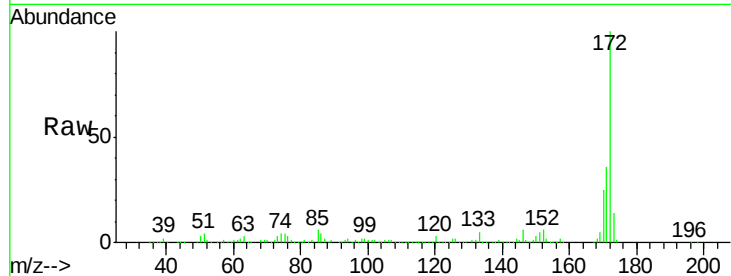
#45
 2-Fluorobiphenyl
 Concen: 73.792 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampled :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	648325		
171	36.5		30.8	46.2
170	24.9		20.2	30.4

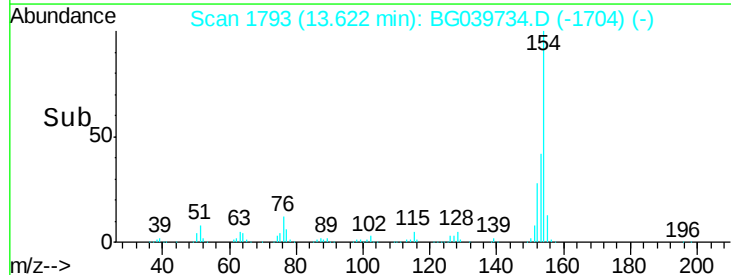
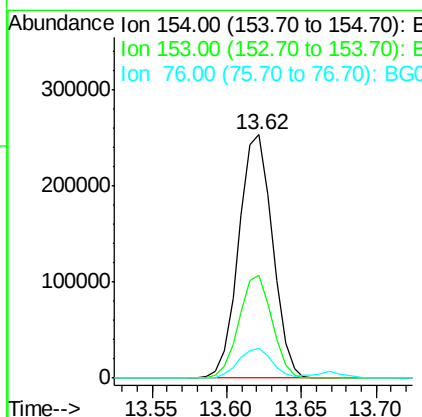
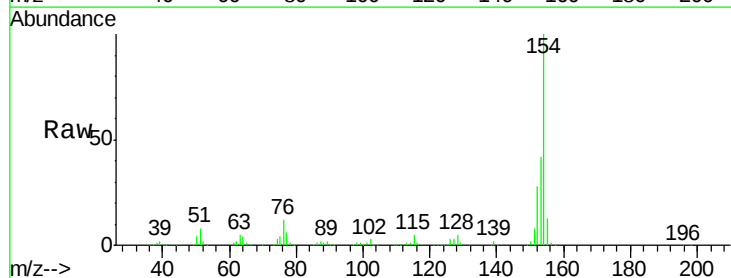
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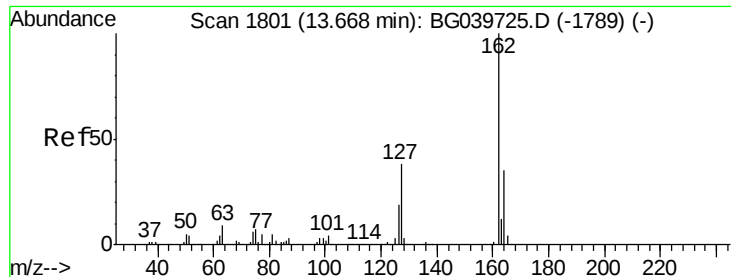
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#46
 1,1'-Biphenyl
 Concen: 38.511 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	396237		
153	42.2		22.1	62.1
76	12.1		0.0	32.4





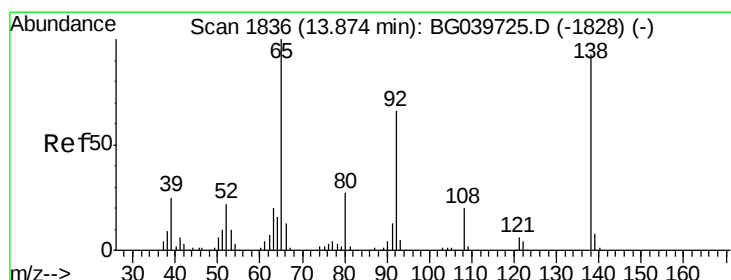
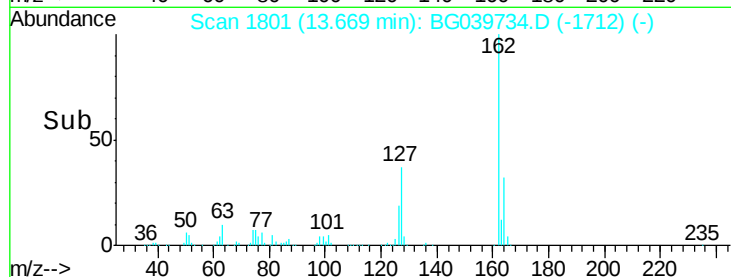
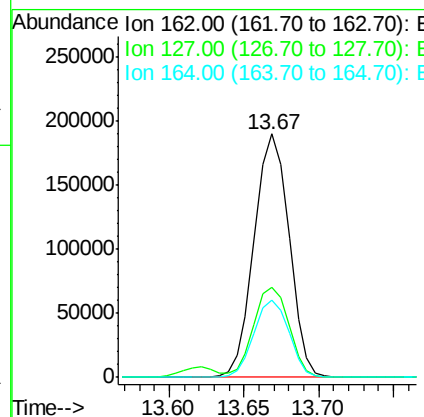
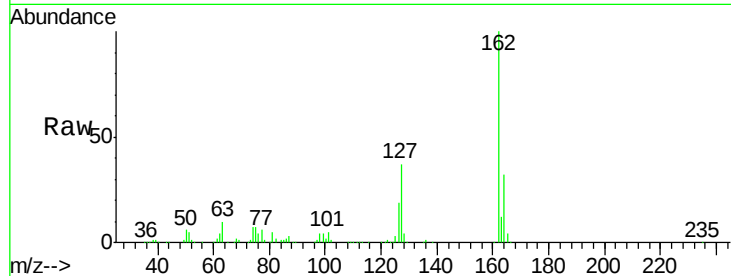
#47
 2-Chloronaphthalene
 Concen: 39.669 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	307047		
127	37.1	31.0	46.6	
164	31.8	25.7	38.5	

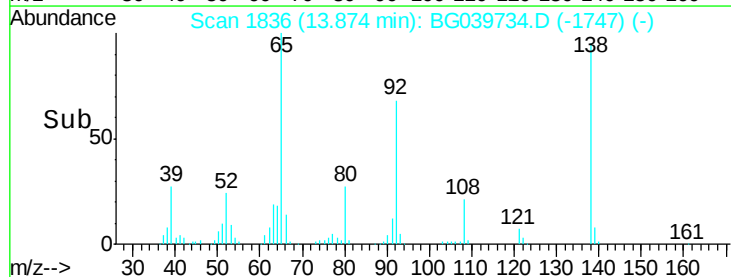
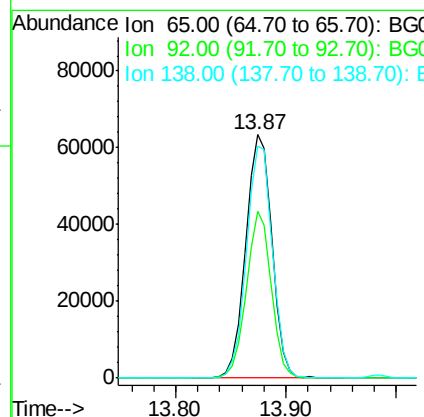
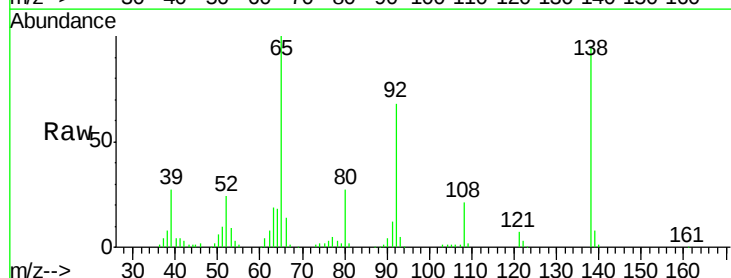
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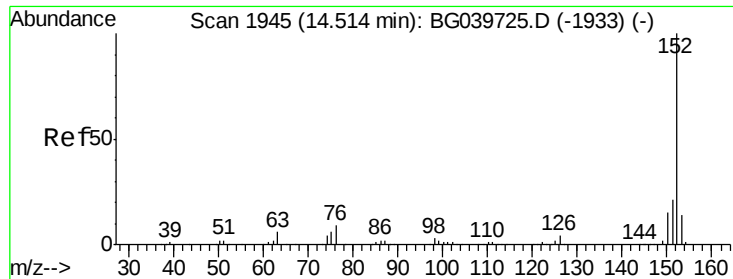
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#48
 2-Nitroaniline
 Concen: 42.567 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	105884		
92	68.3	51.4	77.2	
138	95.2	71.4	107.2	





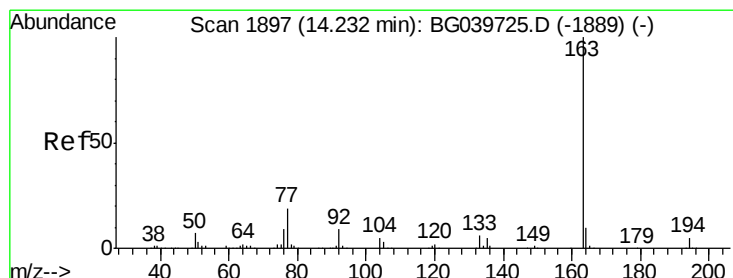
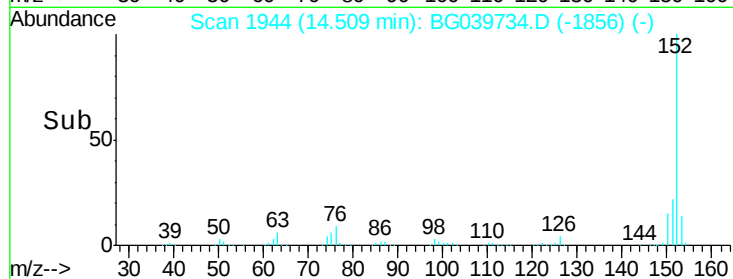
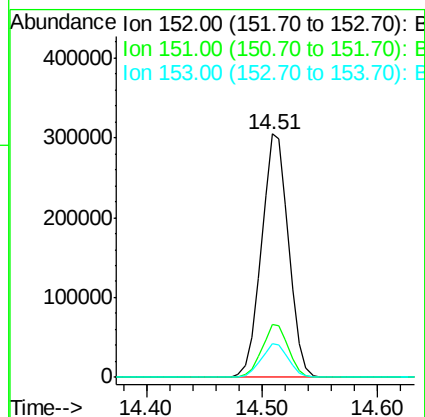
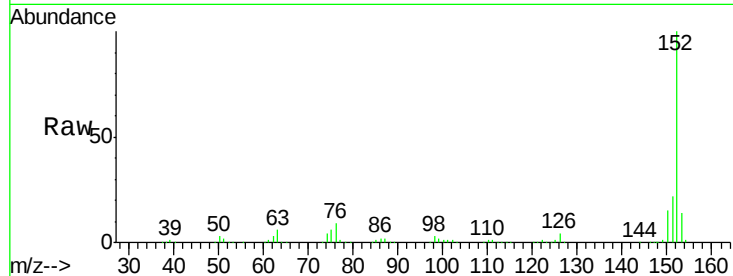
#49
Acenaphthylene
Concen: 39.139 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	497318		
151	21.9	16.8	25.2	
153	14.1	11.7	17.5	

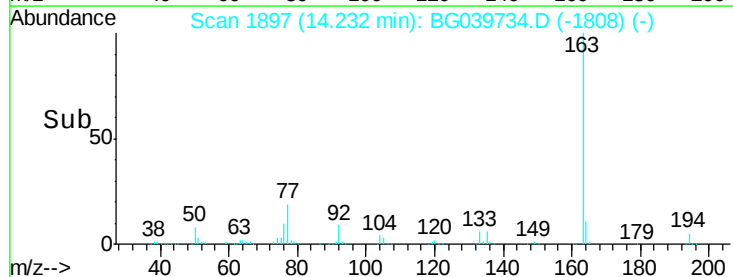
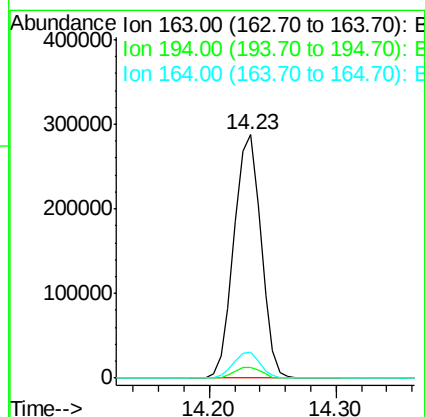
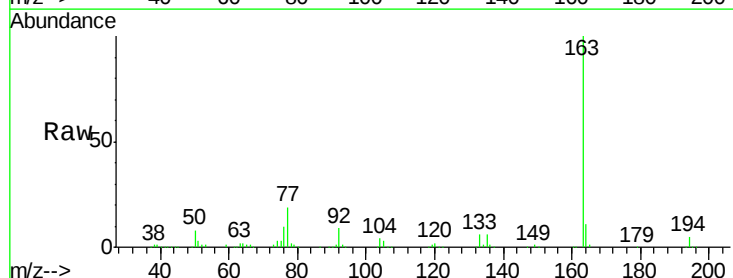
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#50
Dimethylphthalate
Concen: 40.449 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	423106		
194	4.5	3.6	5.4	
164	10.6	8.4	12.6	





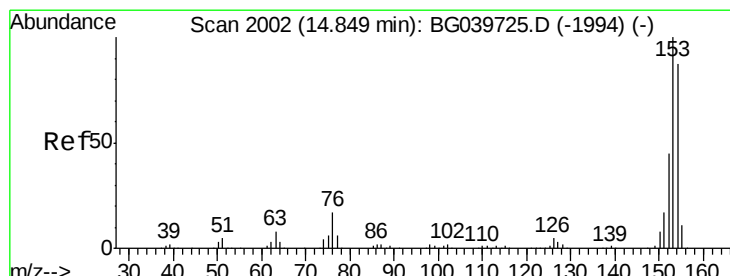
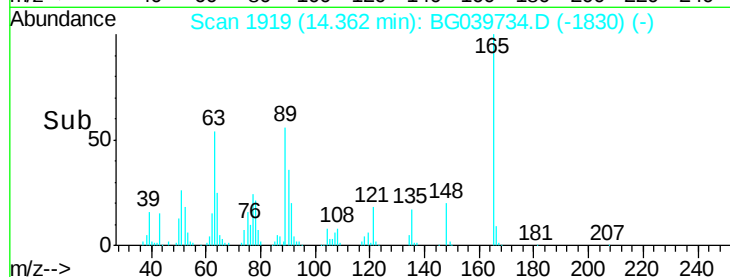
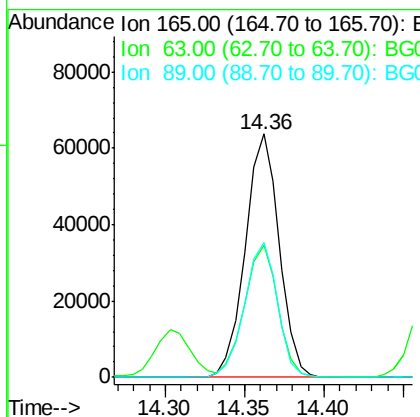
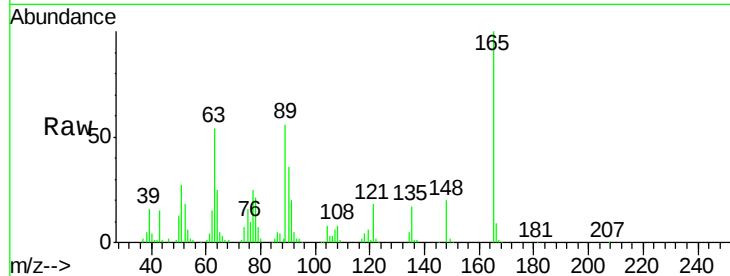
#51
 2,6-Dinitrotoluene
 Concen: 42.526 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94303		
63	54.2	47.0	70.6	
89	55.6	45.8	68.8	

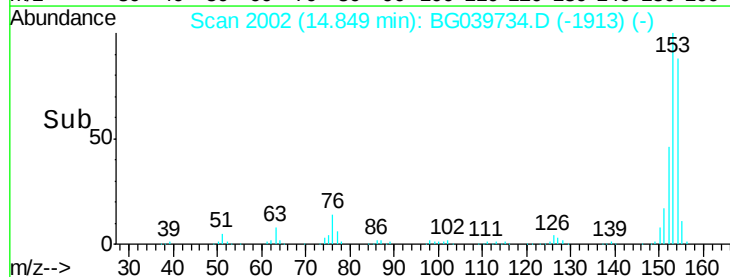
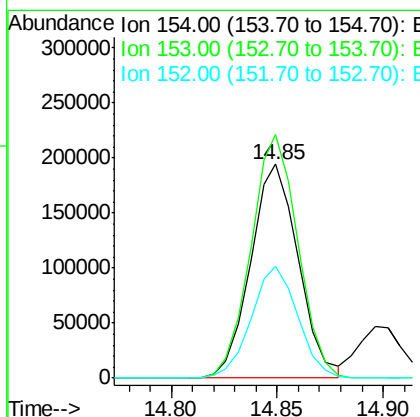
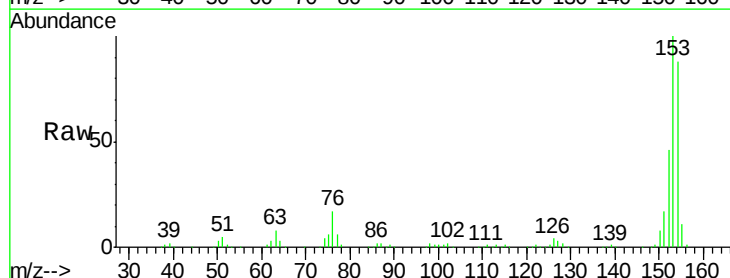
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#52
 Acenaphthene
 Concen: 39.845 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	304724		
153	113.8	90.1	135.1	
152	52.4	40.9	61.3	





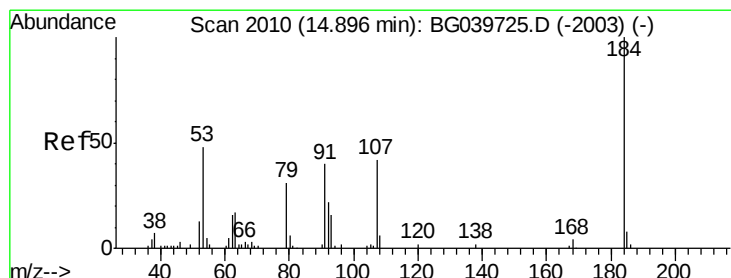
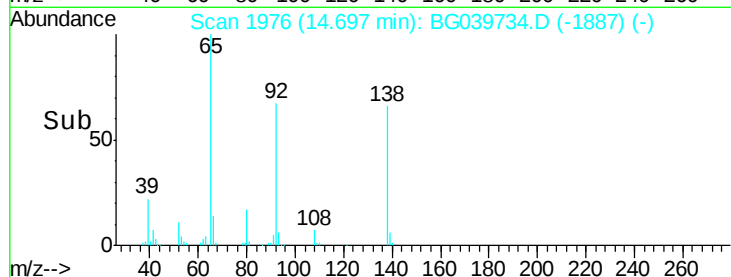
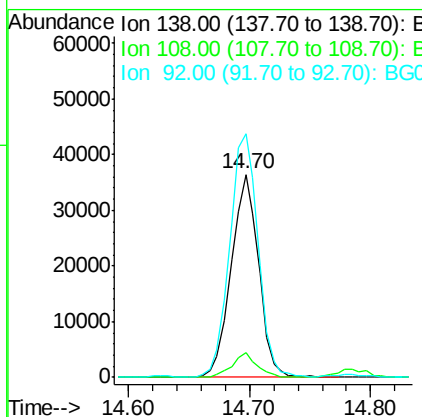
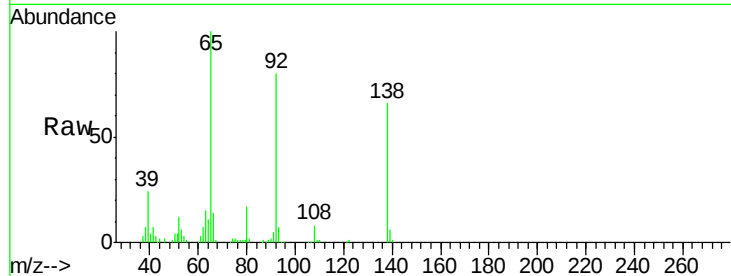
#53
3-Nitroaniline
Concen: 25.743 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion:138 Resp: 57383
Ion Ratio Lower Upper
138 100
108 12.2 13.8 20.8#
92 120.0 103.7 155.5

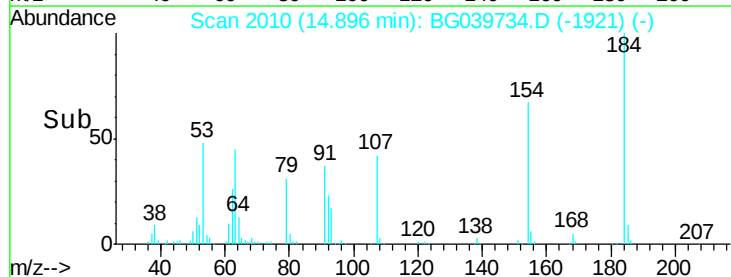
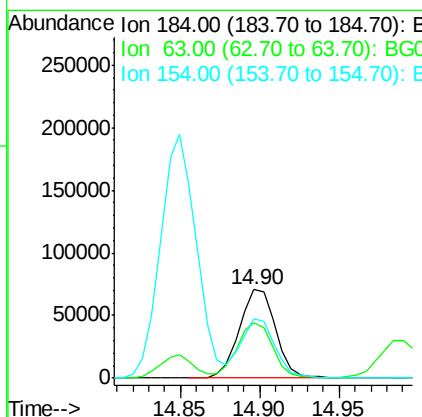
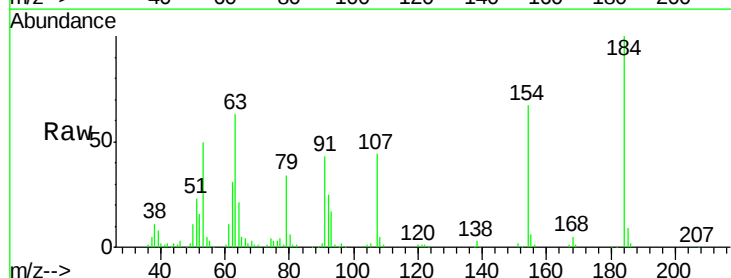
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#54
2,4-Dinitrophenol
Concen: 80.779 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion:184 Resp: 113043
Ion Ratio Lower Upper
184 100
63 63.4 50.9 76.3
154 66.8 53.0 79.6





#55

Dibenzenofuran

Concen: 39.861 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

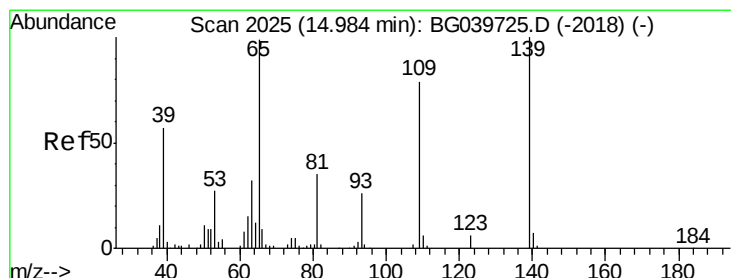
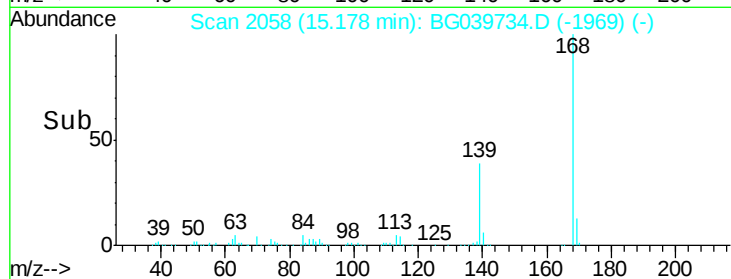
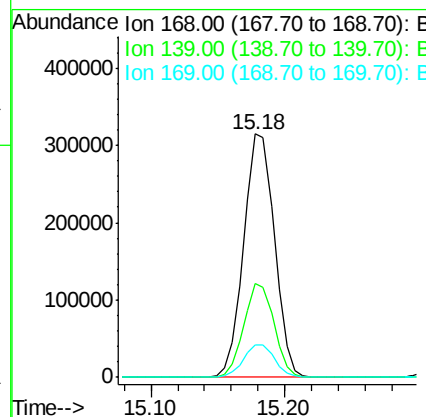
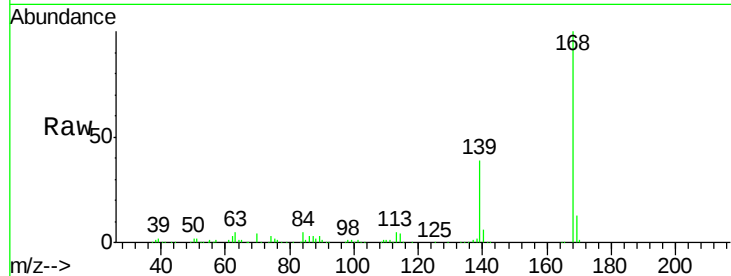
ClientSampleId :

PB117567BS

Tgt Ion:	168	Resp:	500158
Ion Ratio		Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.4	10.6	16.0

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#56

4-Nitrophenol

Concen: 84.196 ng

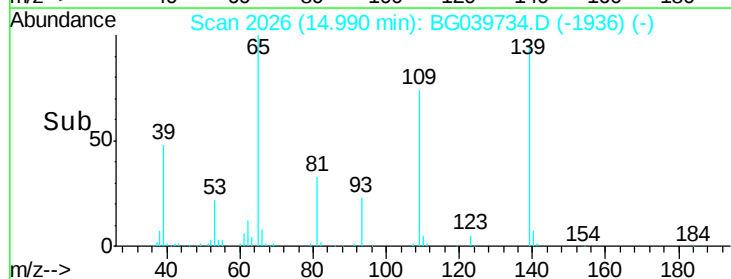
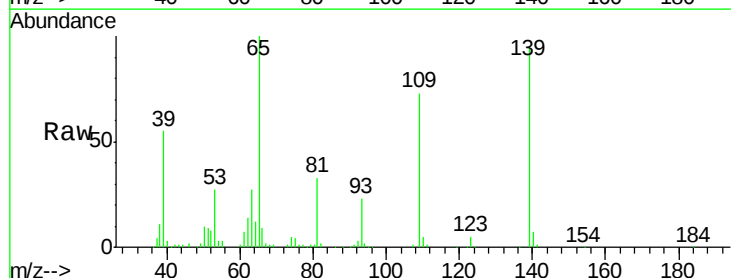
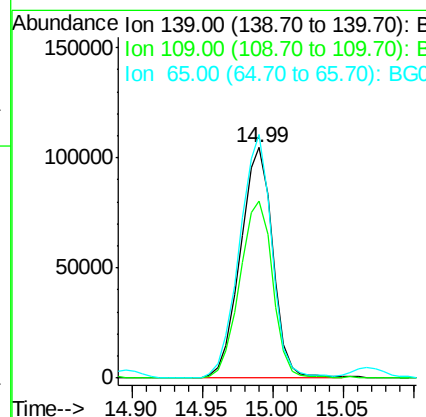
RT: 14.99 min Scan# 2026

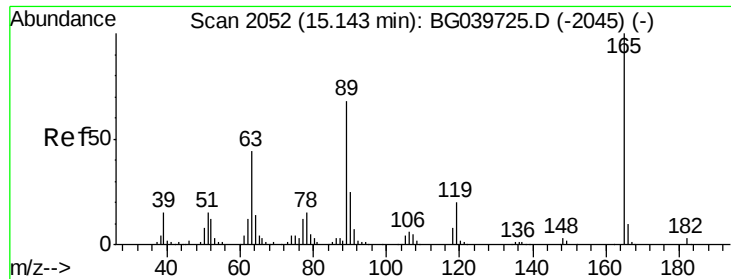
Delta R.T. -0.00 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	139	Resp:	167894
Ion Ratio		Lower	Upper
139	100		
109	76.6	61.9	101.9
65	105.6	99.1	139.1





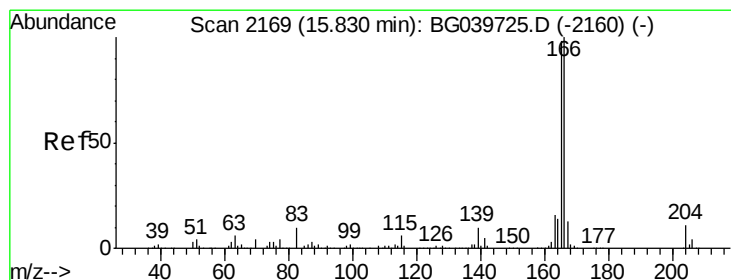
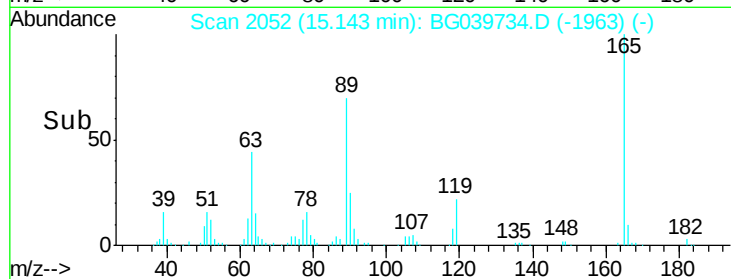
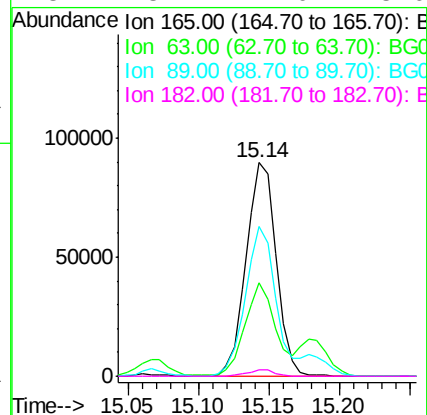
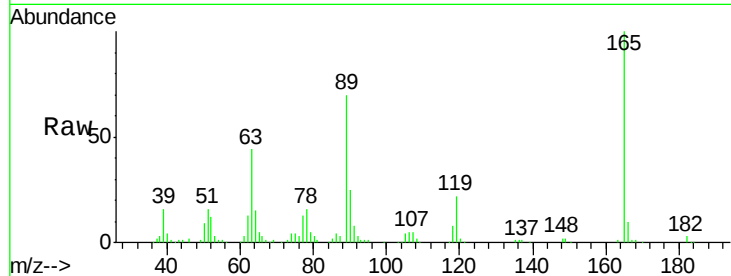
#57
2,4-Dinitrotoluene
Concen: 43.089 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.8	41.0	61.6
89	70.2	64.6	96.8
182	3.1	2.0	3.0#

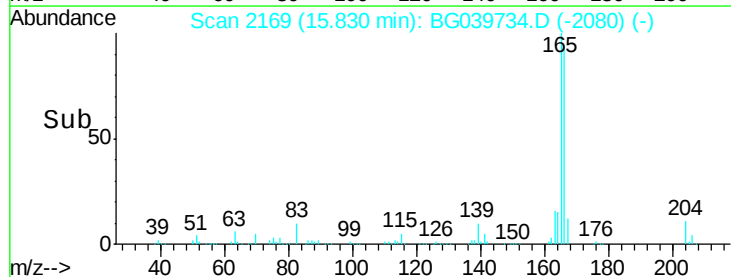
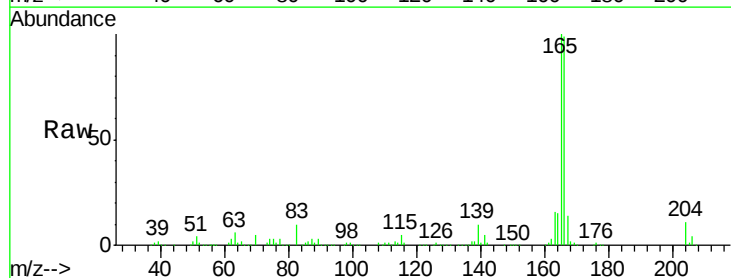
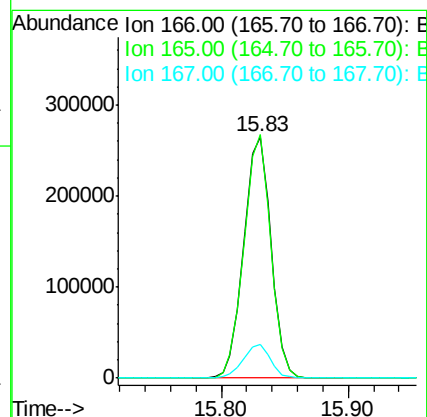
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#58
Fluorene
Concen: 39.967 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	101.0	77.9	116.9
167	13.8	10.8	16.2





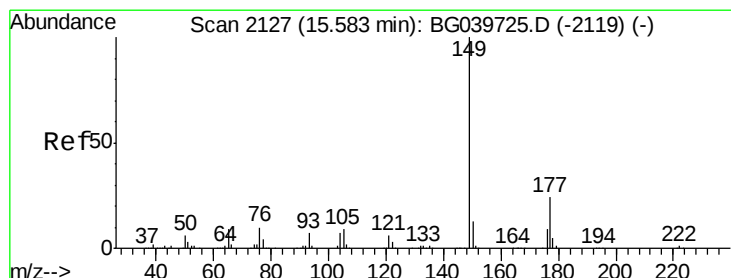
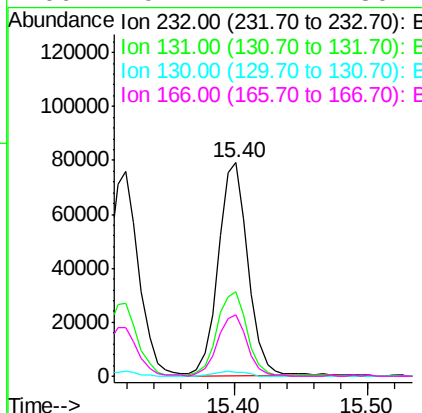
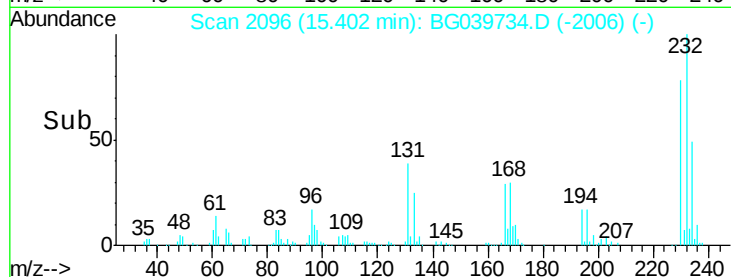
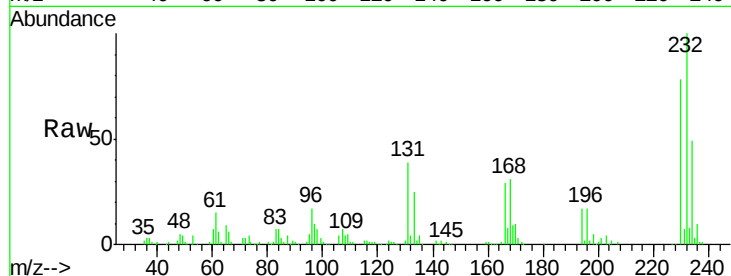
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.096 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	123170		
131	39.8	34.9	52.3	
130	2.3	2.0	3.0	
166	29.2	24.1	36.1	

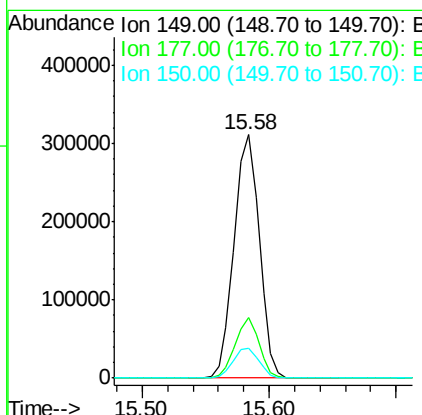
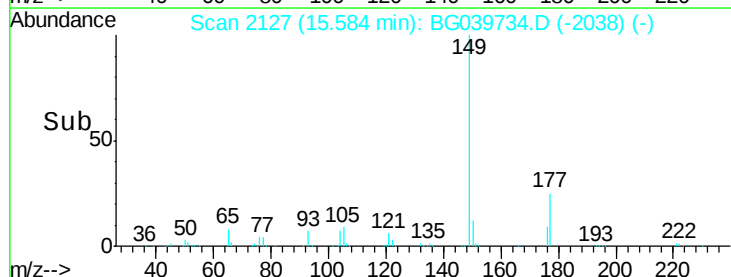
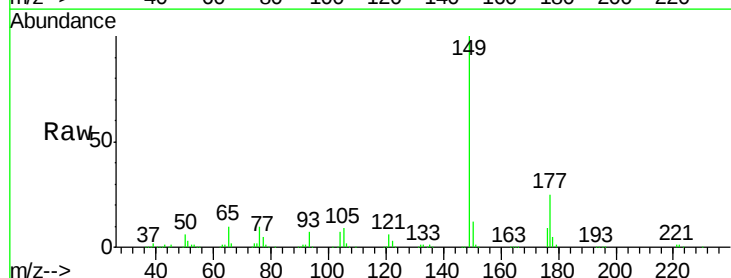
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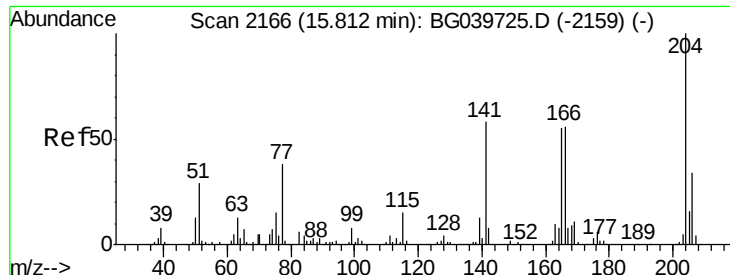
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#60
 Diethylphthalate
 Concen: 41.368 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	428364		
177	25.1	18.3	27.5	
150	12.4	10.2	15.2	





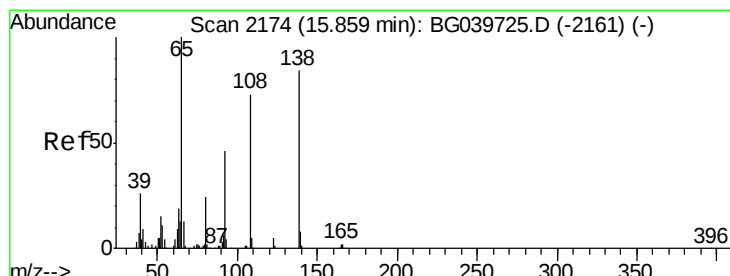
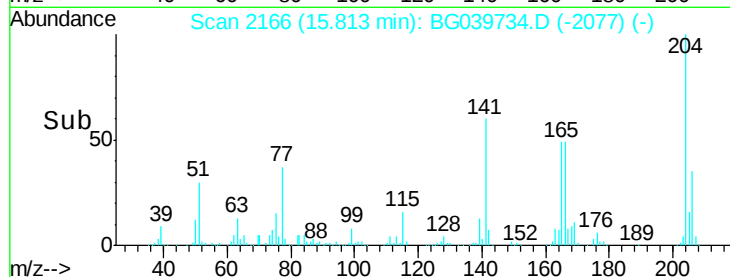
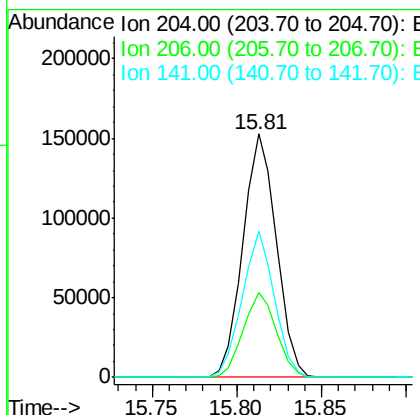
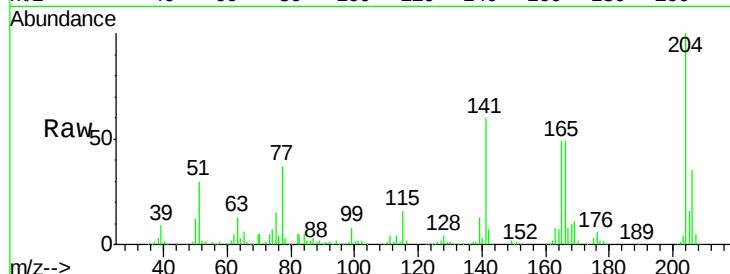
#61
 4-Chlorophenyl-phenylether
 Concen: 40.147 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	211319		
206	34.7	29.2	43.8	
141	59.8	49.0	73.4	

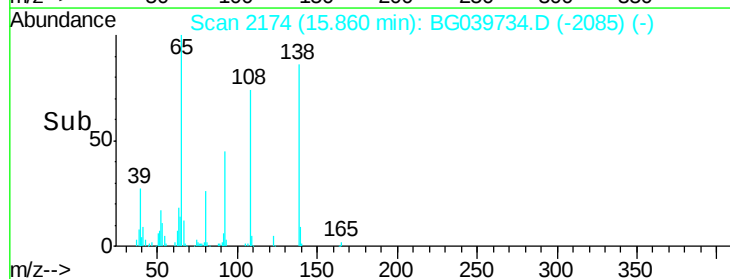
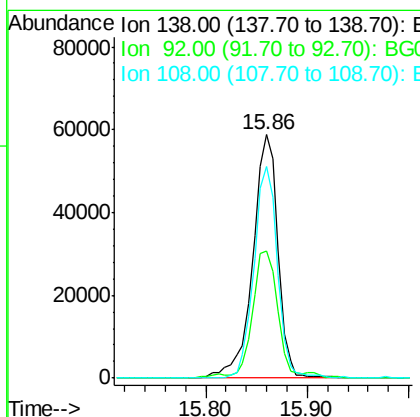
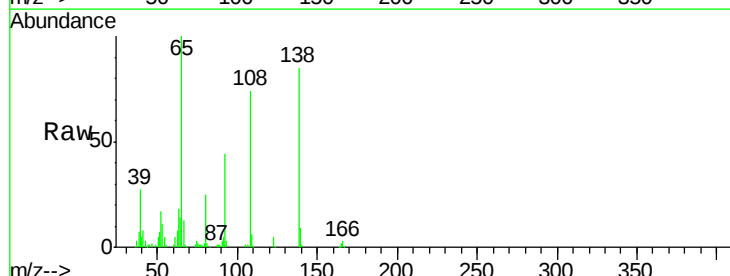
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#62
 4-Nitroaniline
 Concen: 41.809 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	101036		
92	52.4	38.7	78.7	
108	86.8	74.6	114.6	





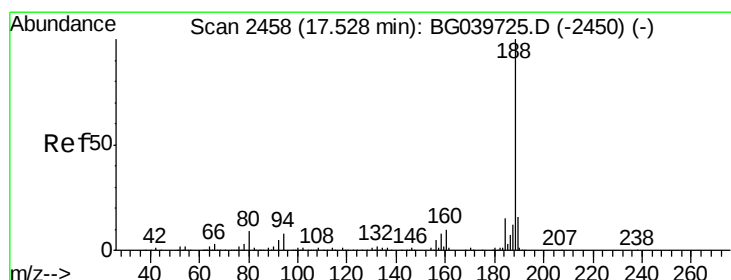
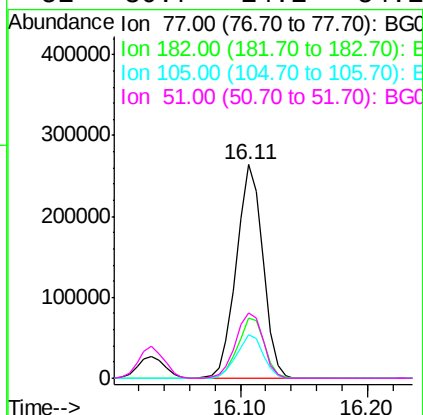
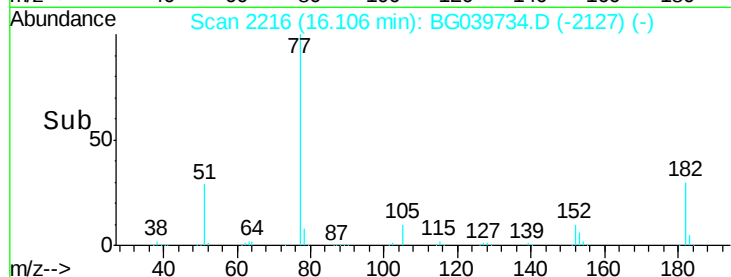
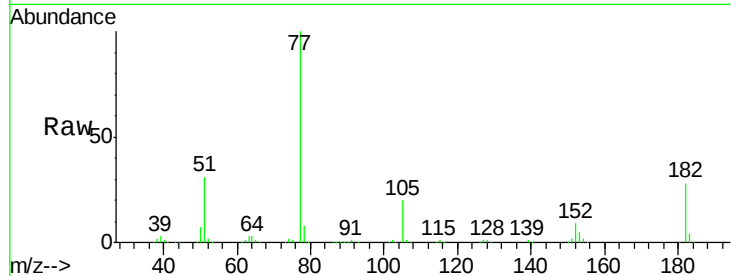
#63
Azobenzene
Concen: 40.560 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380715		
182	28.4	6.4	46.4	
105	20.1	0.0	39.8	
51	30.7	14.1	54.1	

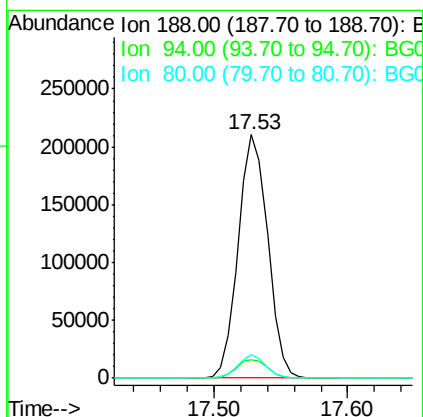
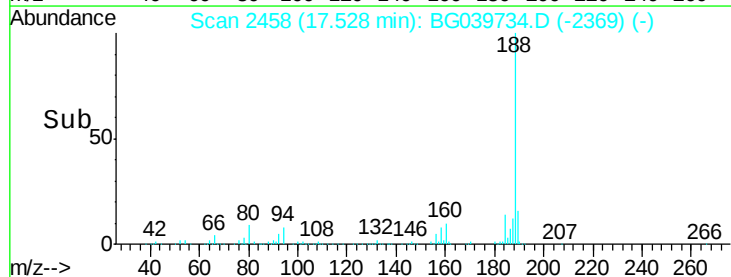
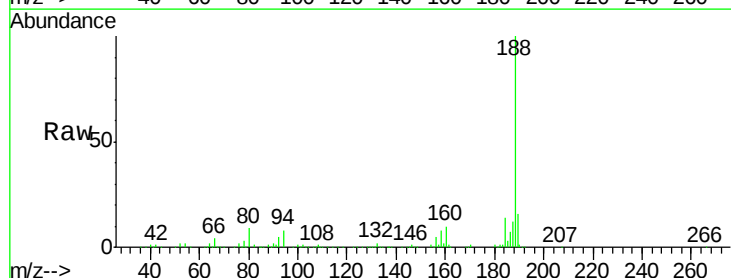
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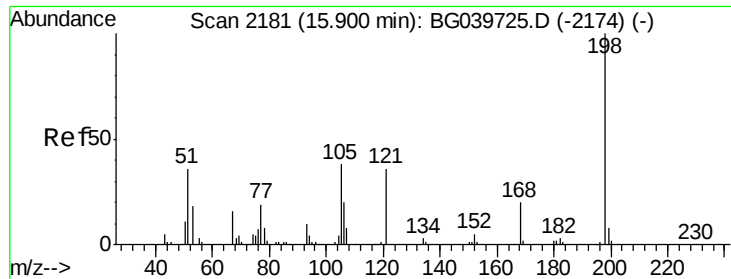
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	321529		
94	7.6	6.9	10.3	
80	9.4	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.929 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

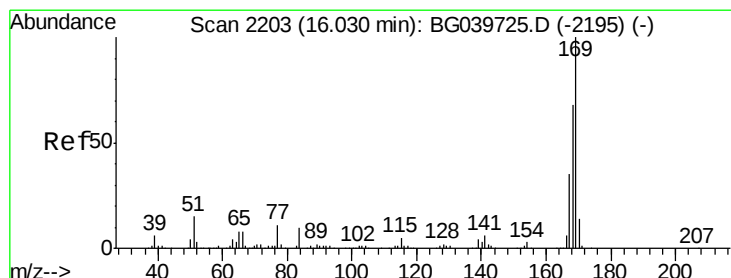
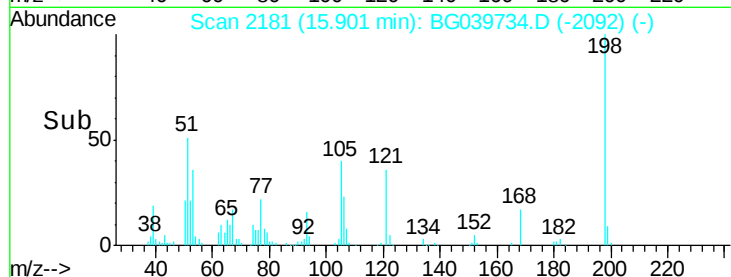
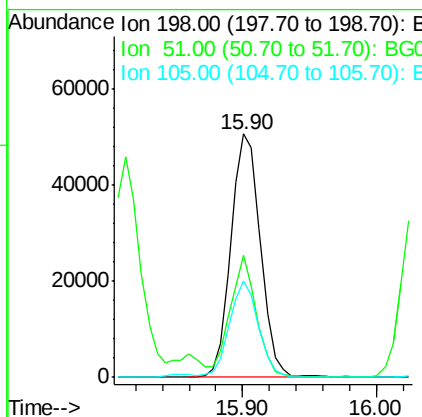
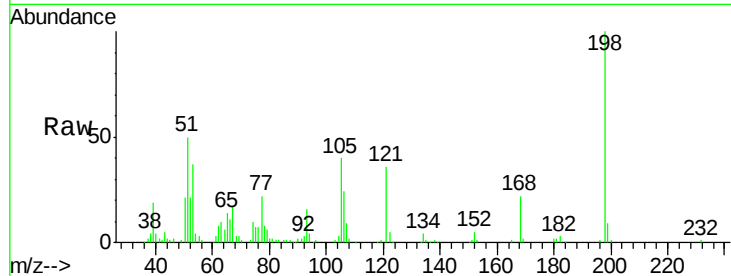
ClientSampleId :

PB117567BS

Tgt Ion:	198	Resp:	77810
Ion Ratio	Lower	Upper	
198	100		
51	50.1	27.4	67.4
105	39.9	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 39.357 ng

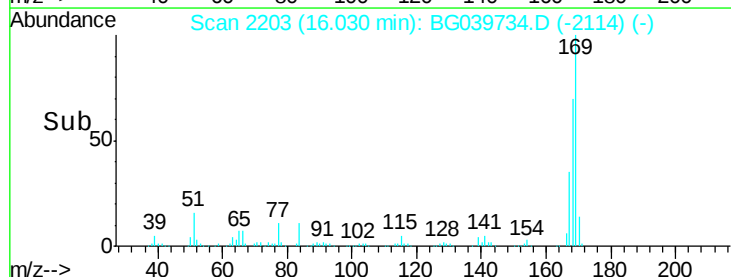
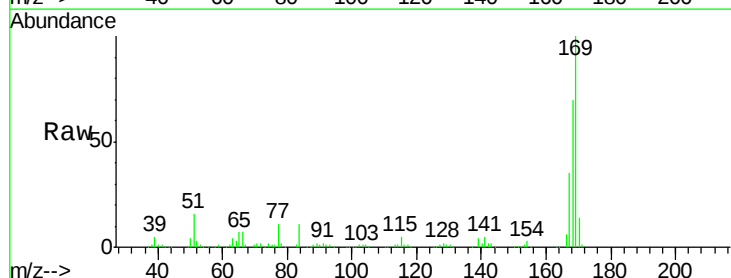
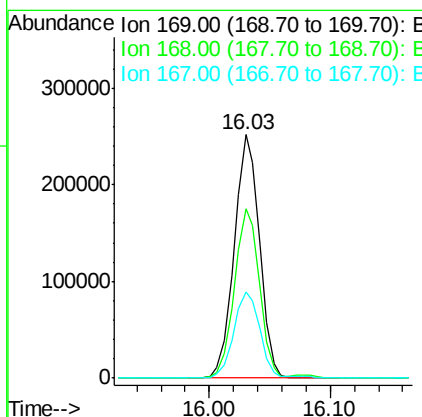
RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	169	Resp:	366348
Ion Ratio	Lower	Upper	
169	100		
168	69.8	56.6	85.0
167	35.3	28.8	43.2





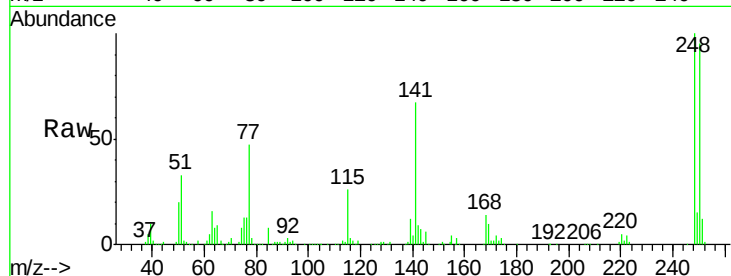
#67
4-Bromophenyl-phenylether
Concen: 39.282 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampled :
PB117567BS

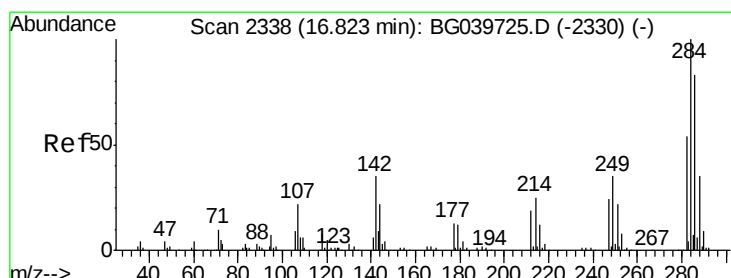
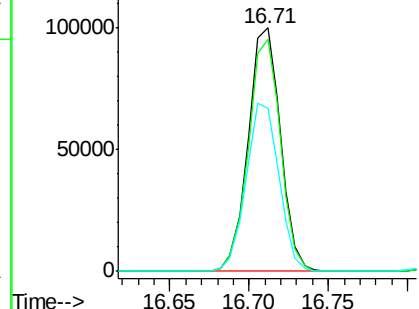
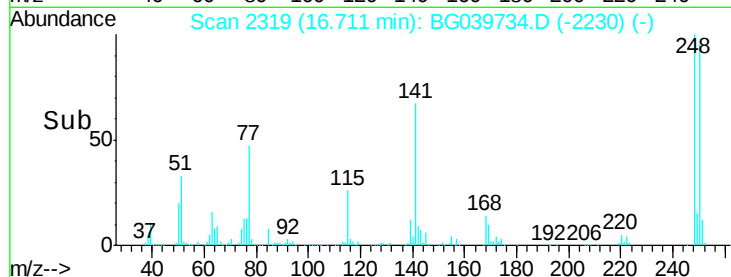
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.6	116.4
141	67.2	63.9	95.9

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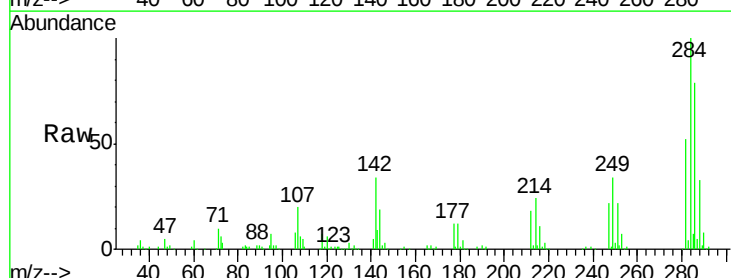


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

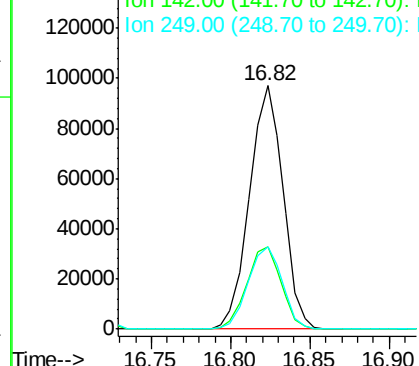
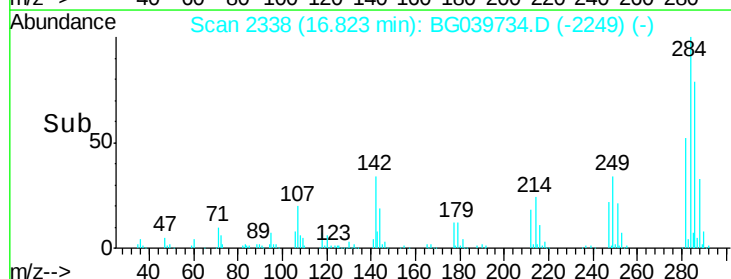


#68
Hexachlorobenzene
Concen: 38.300 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	30.6	45.8
249	34.0	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





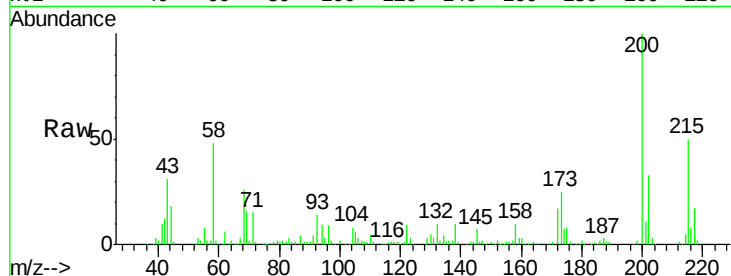
#69
 Atrazine
 Concen: 41.050 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	3.9	43.9
215	50.0	30.9	70.9

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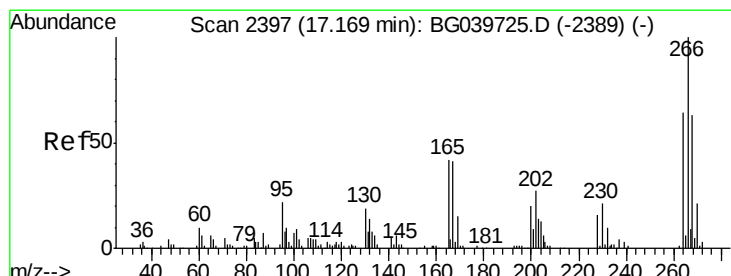
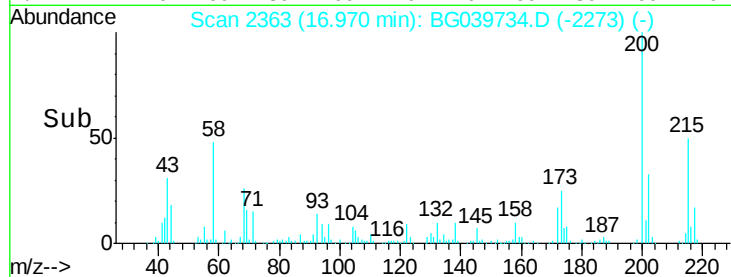
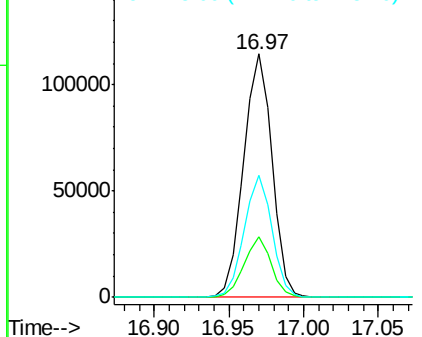


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 80.758 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

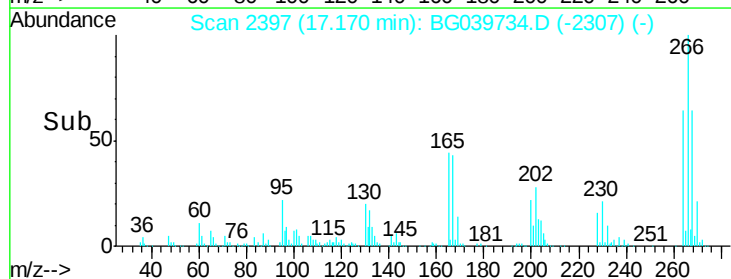
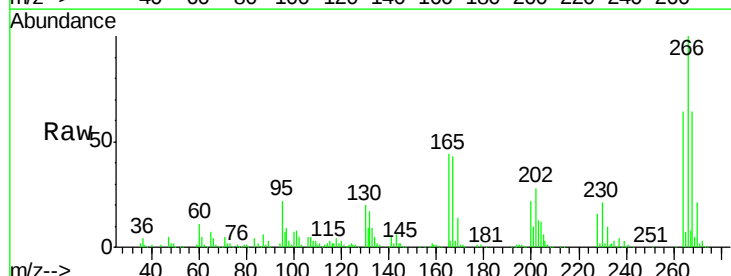
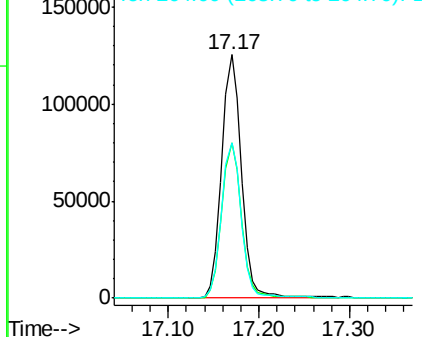
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	51.1	76.7
264	63.5	52.1	78.1

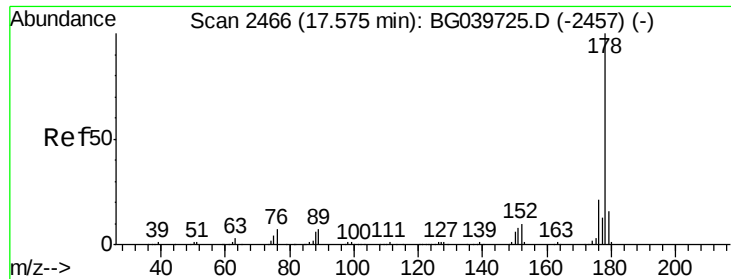
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.362 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

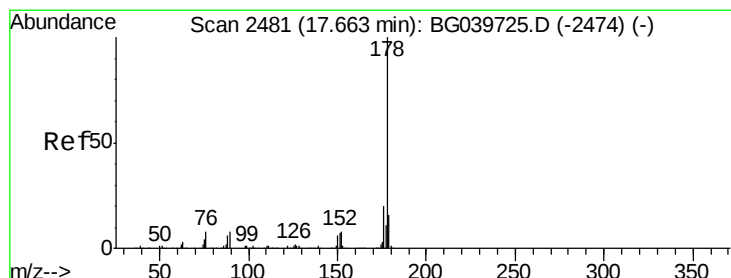
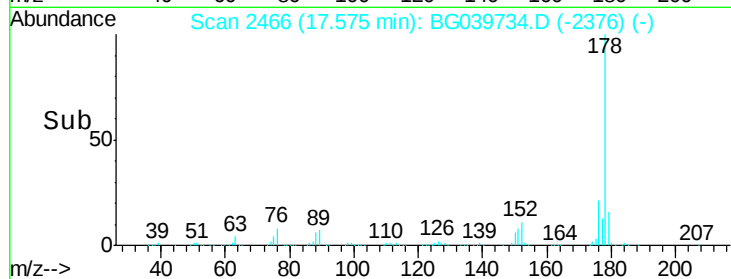
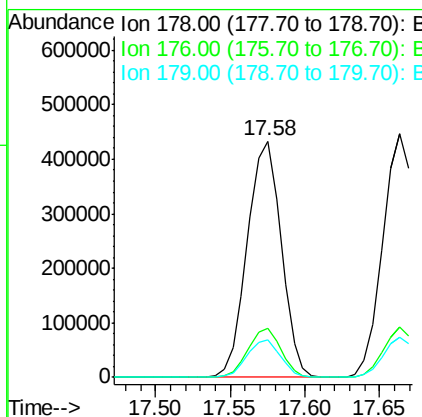
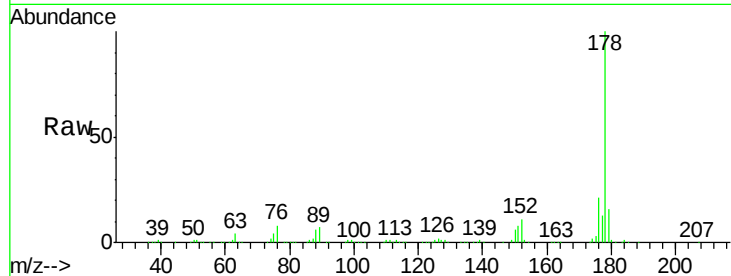
ClientSampleId :

PB117567BS

Tgt Ion:	178	Resp:	679393
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.2	24.4
179	16.0	12.6	19.0

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#72

Anthracene

Concen: 39.997 ng

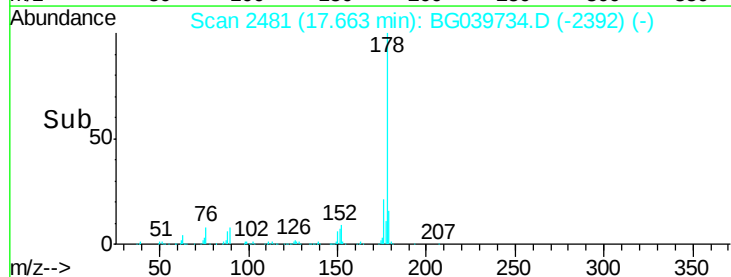
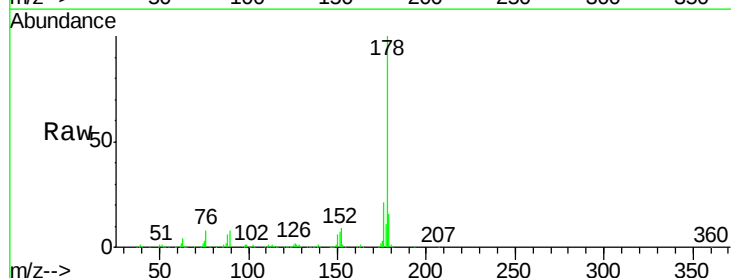
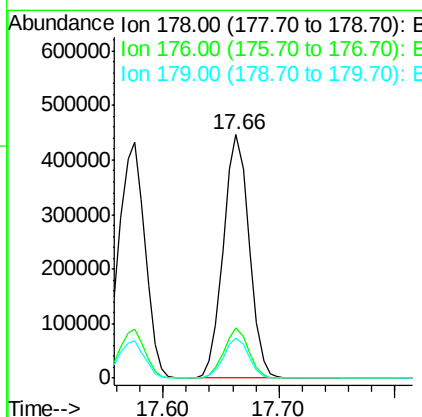
RT: 17.66 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	178	Resp:	690285
Ion Ratio	Lower	Upper	
178	100		
176	20.8	15.8	23.6
179	16.4	12.5	18.7





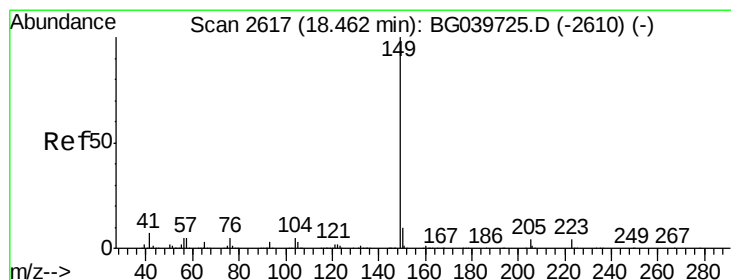
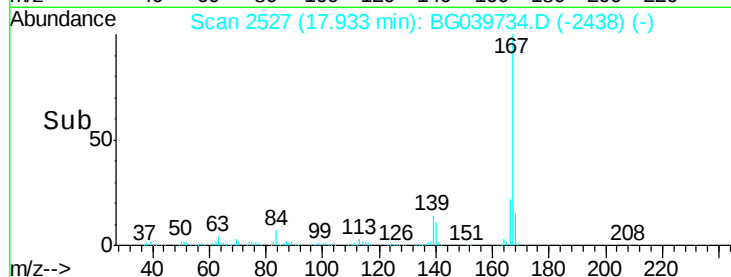
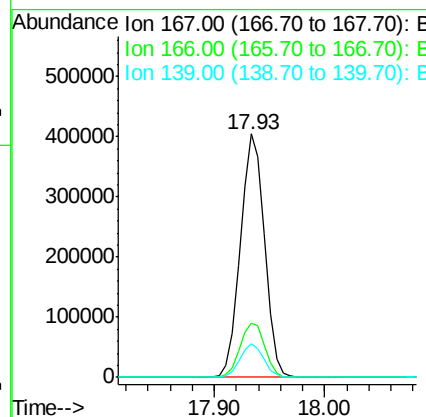
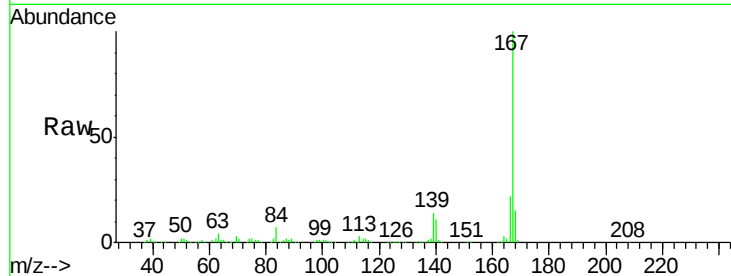
#73
 Carbazole
 Concen: 39.857 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.4	29.2
139	13.7	10.8	16.2

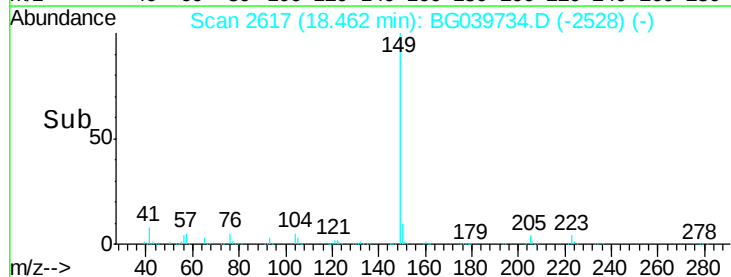
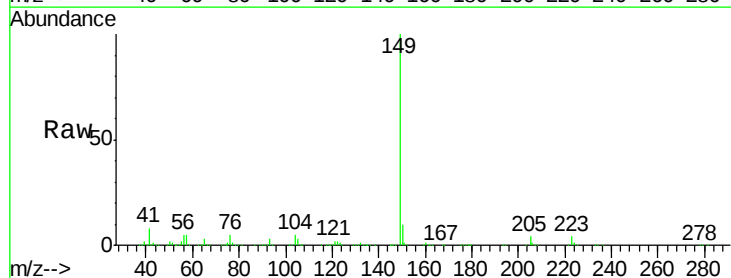
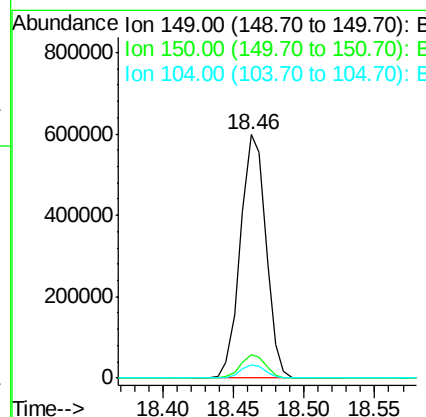
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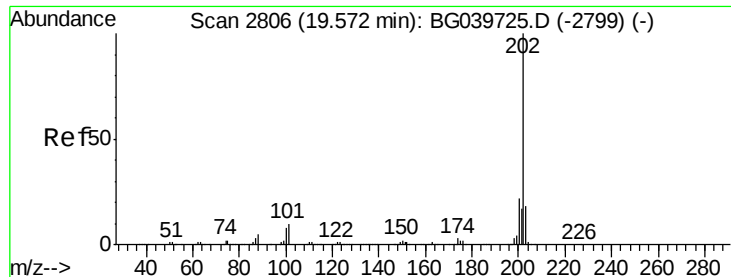
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#74
 Di-n-butylphthalate
 Concen: 41.257 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 40.174 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

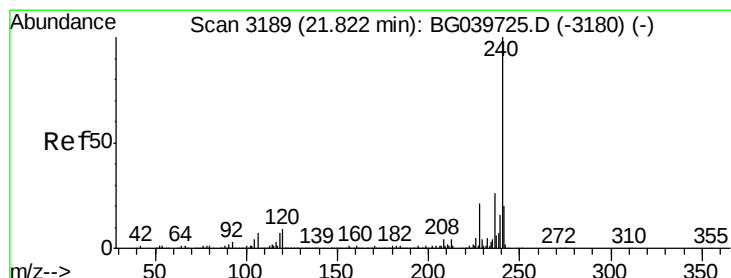
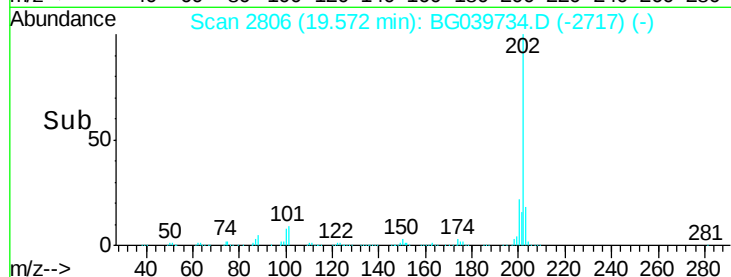
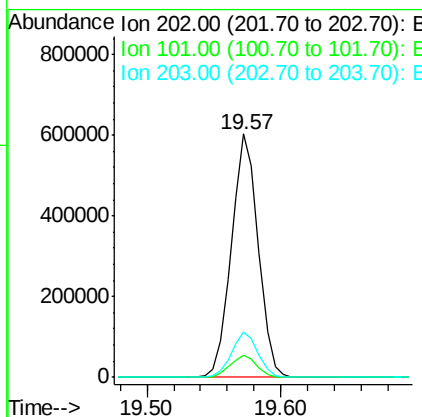
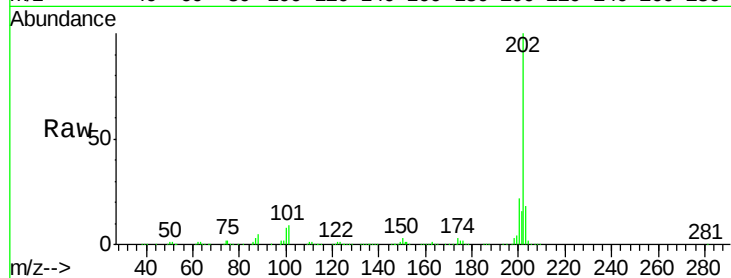
ClientSampleId :

PB117567BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		840852		
101	9.2	0.0	30.0		
203	18.5	0.0	38.9		

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#76

Chrysene-d12

Concen: 20.000 ng

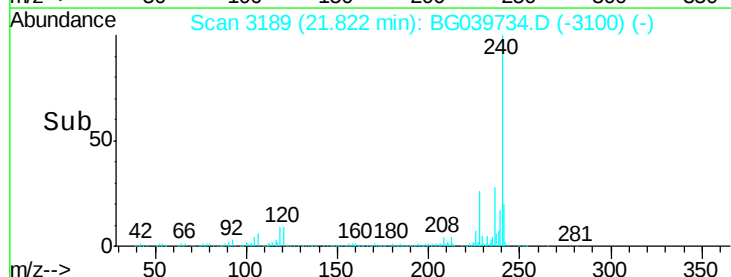
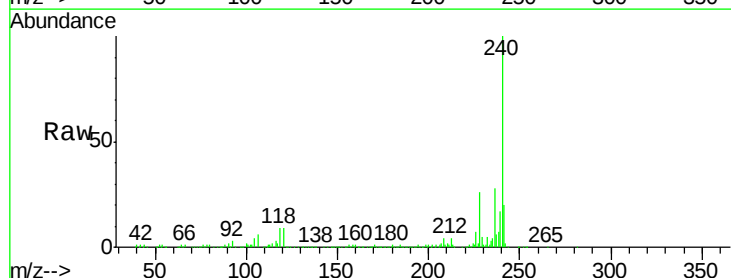
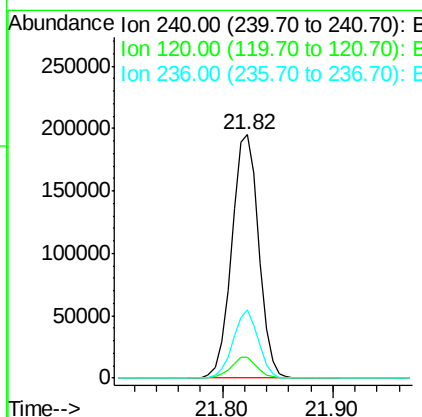
RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		334082		
120	8.6	7.0	10.6		
236	28.0	21.0	31.4		





#77

Benzidine

Concen: 41.953 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

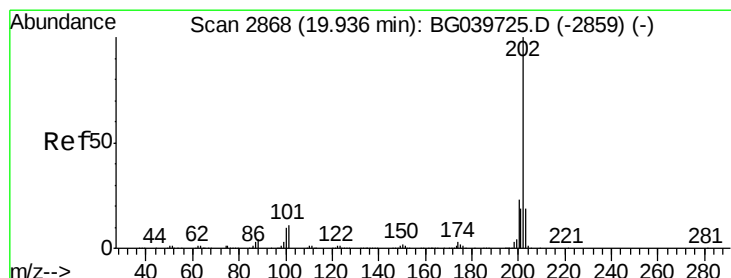
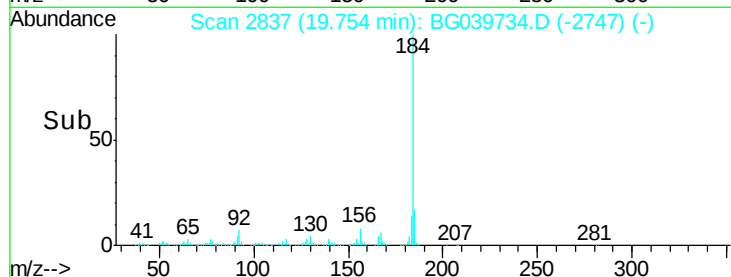
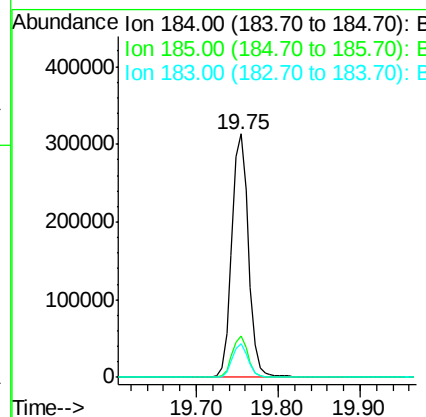
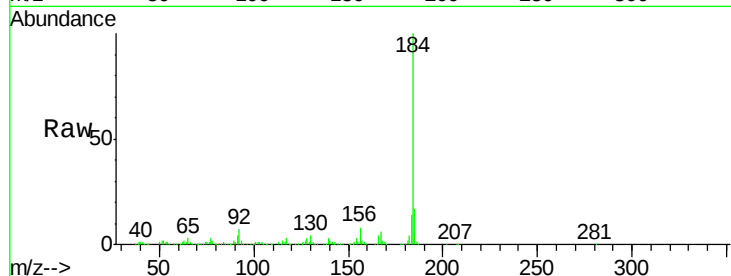
ClientSampleId :

PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	444759		
185	16.8		12.2	18.2
183	13.6		10.6	15.8

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#78

Pyrene

Concen: 38.741 ng

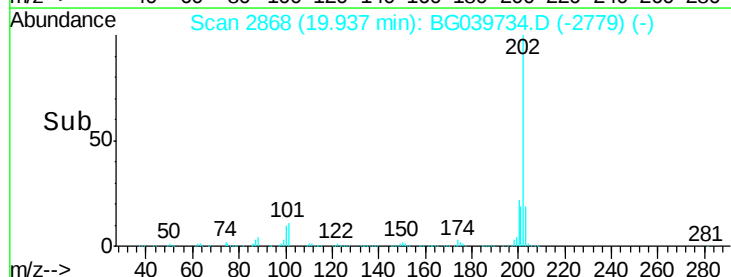
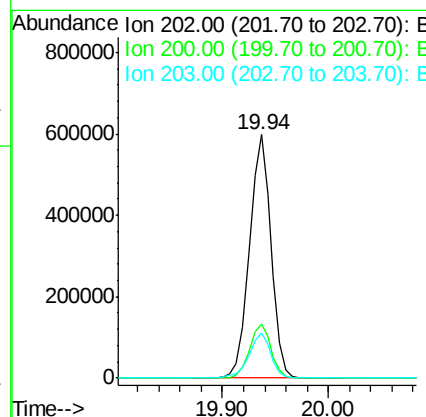
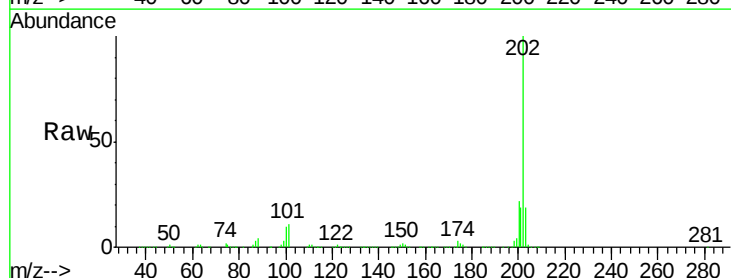
RT: 19.94 min Scan# 2868

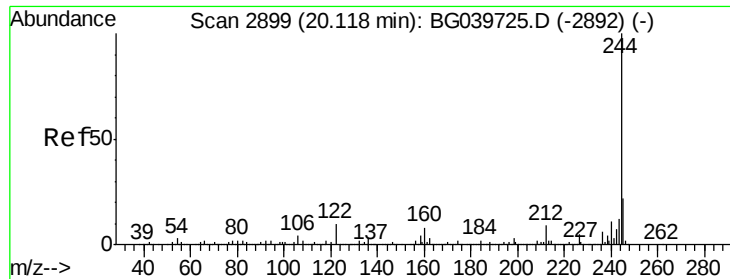
Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	841026		
200	22.3		17.8	26.8
203	18.5		15.3	22.9





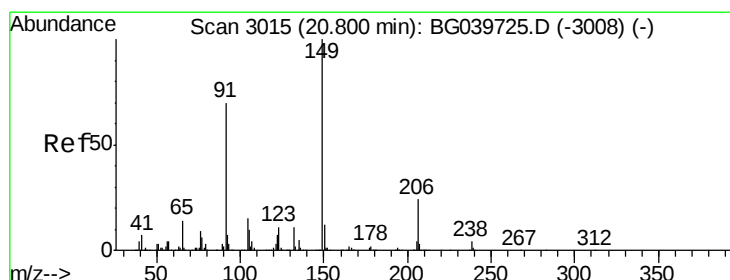
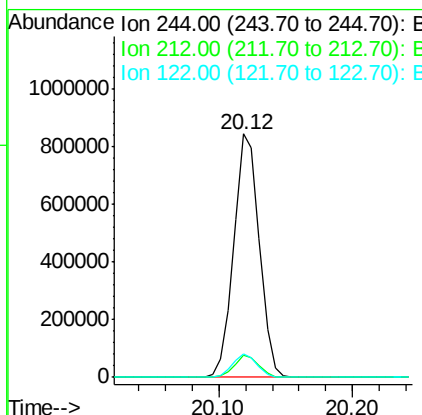
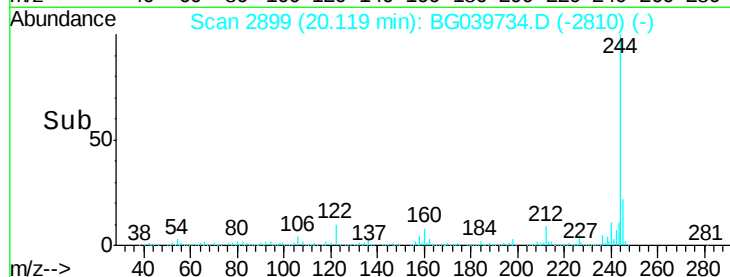
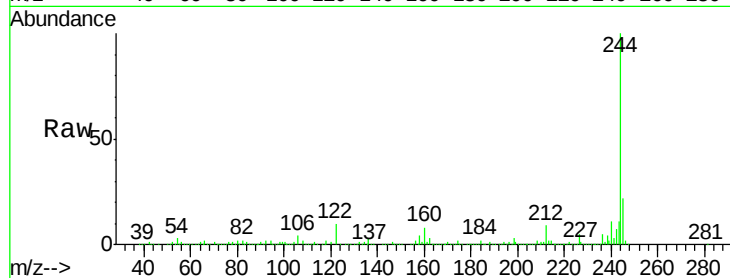
#79
 Terphenyl-d14
 Concen: 73.943 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.6	8.4	12.6

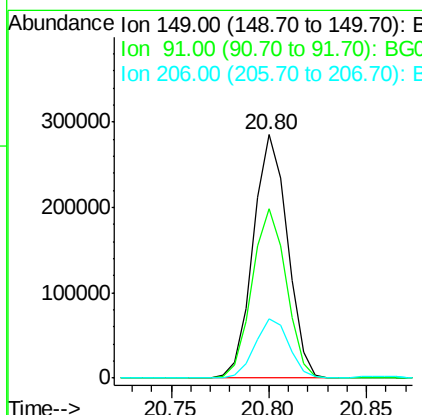
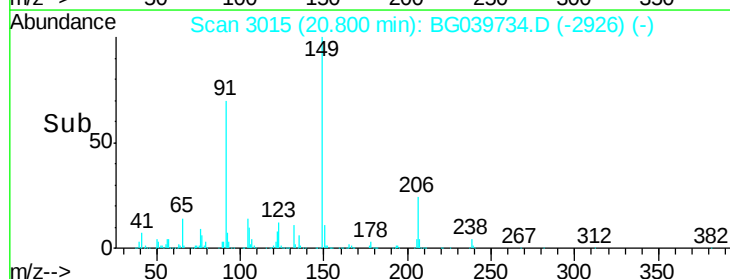
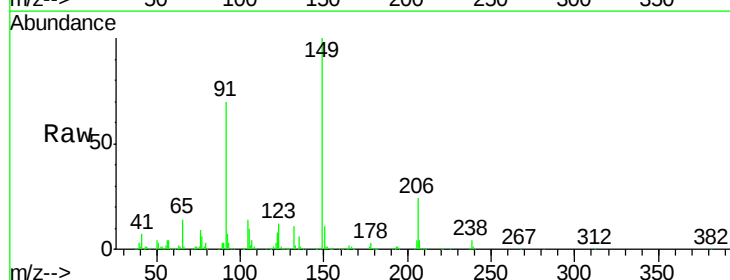
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 41.301 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	59.5	89.3
206	24.3	18.6	27.8





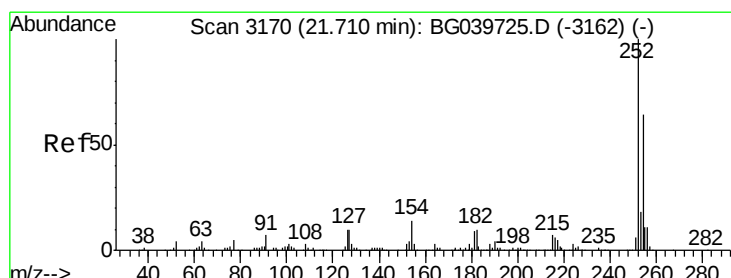
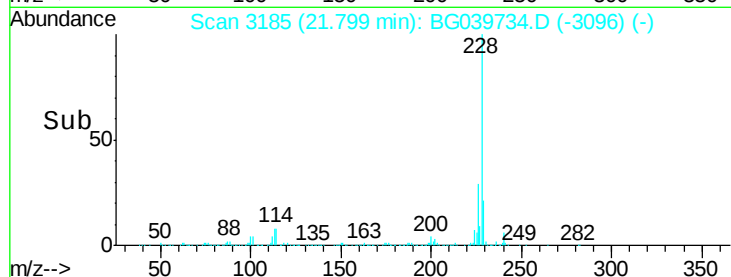
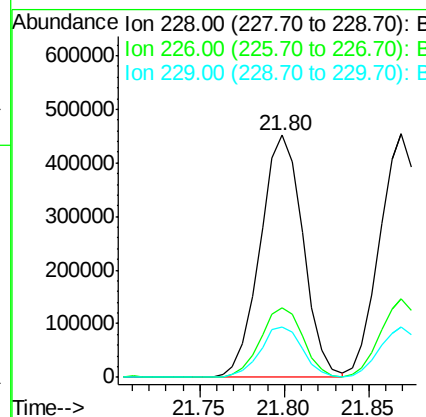
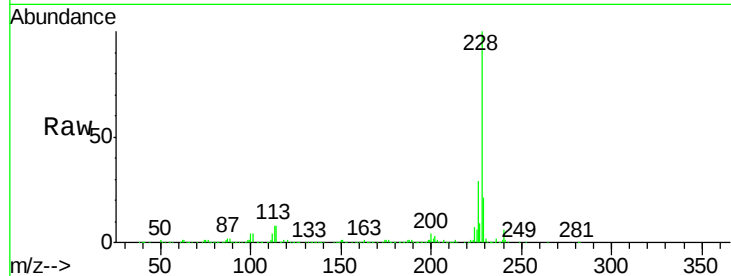
#81
Benzo(a)anthracene
Concen: 38.014 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.8	16.9	25.3

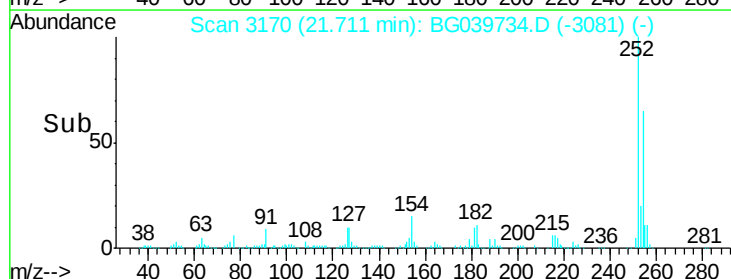
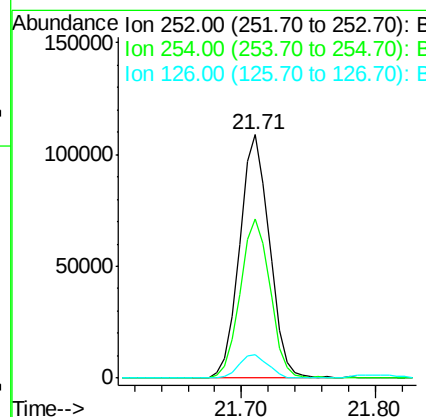
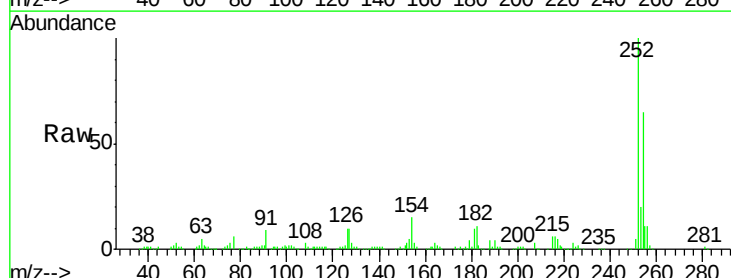
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	9.6	8.0	12.0





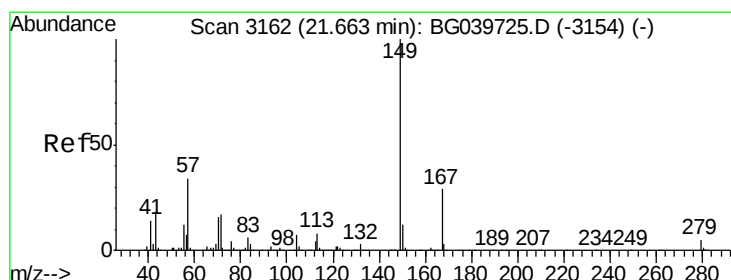
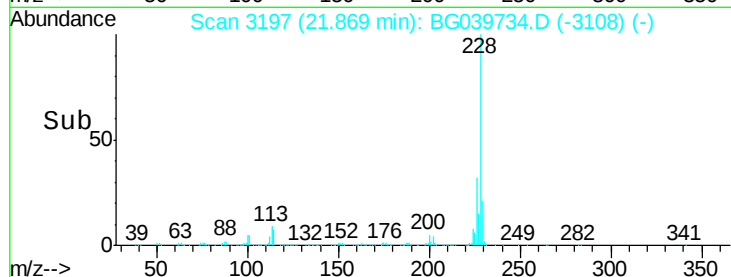
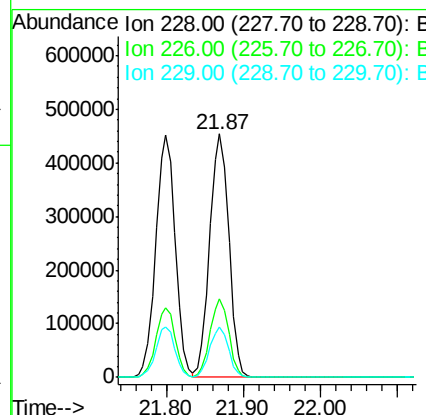
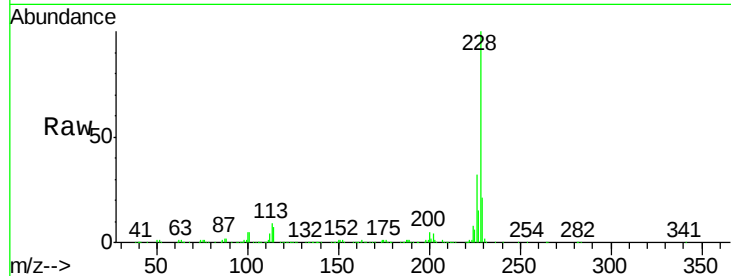
#83
Chrysene
 Concen: 38.160 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	774590		
226	32.2		25.8	38.6
229	20.7		16.6	25.0

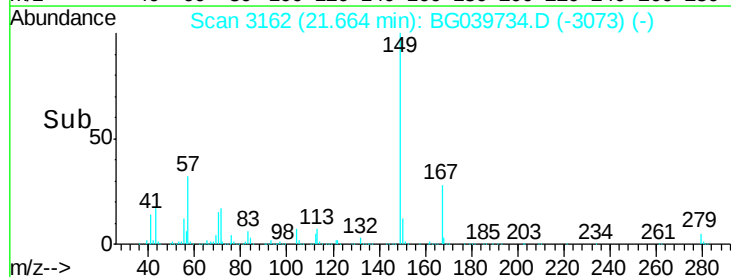
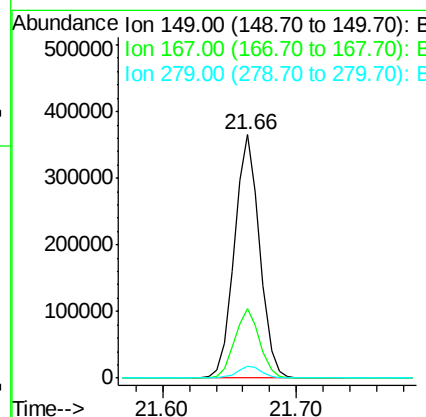
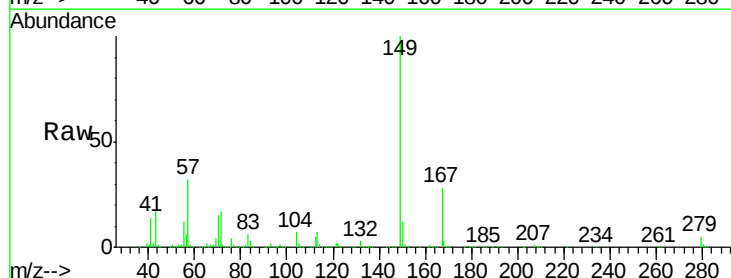
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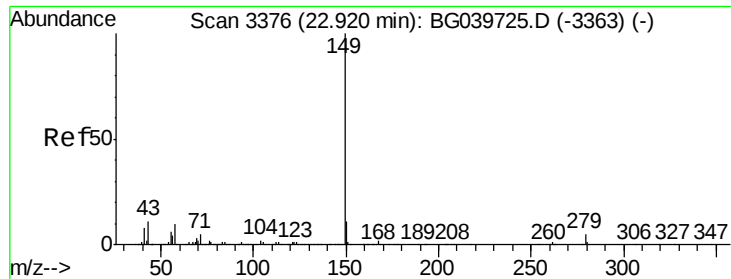
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.688 ng
 RT: 21.66 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039734.D
 Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	480888		
167	28.5		22.6	34.0
279	4.8		3.5	5.3





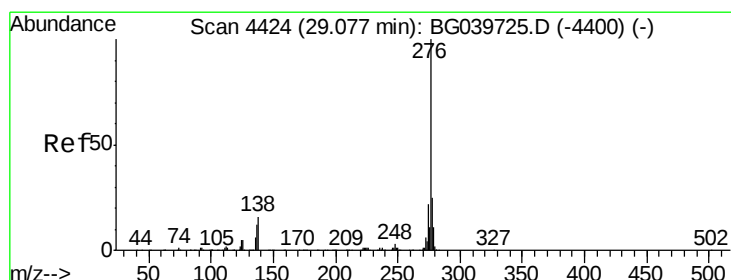
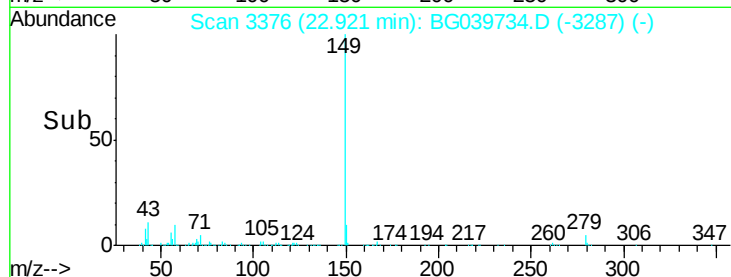
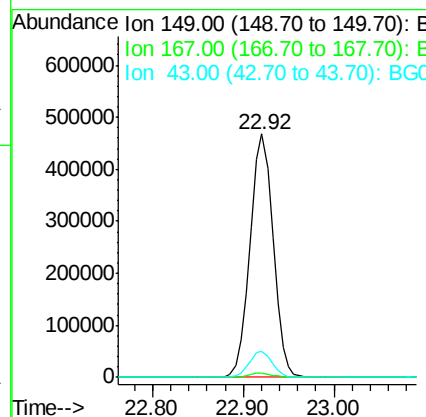
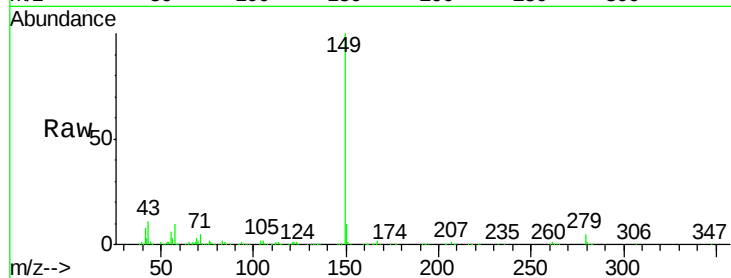
#85
Di-n-octyl phthalate
Concen: 42.203 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825884		
167	1.6		1.3	1.9
43	10.7		10.2	15.4

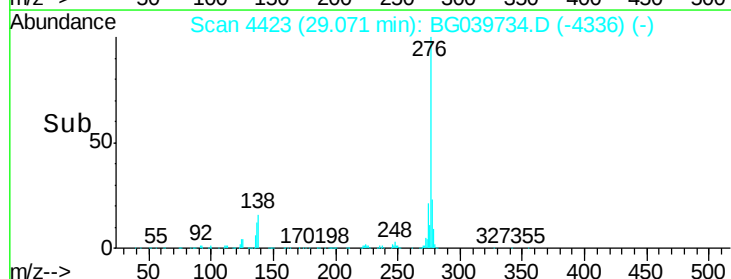
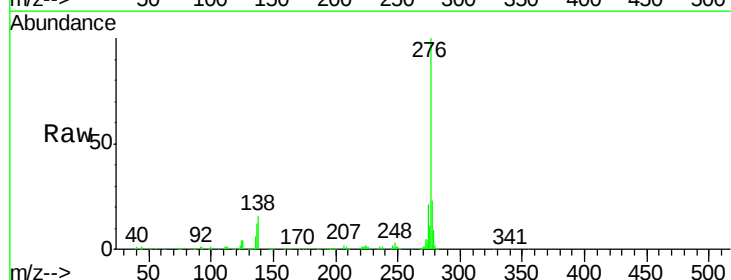
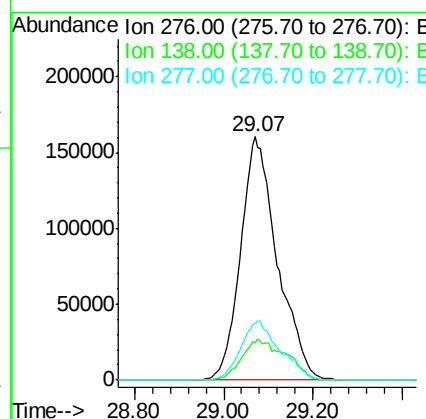
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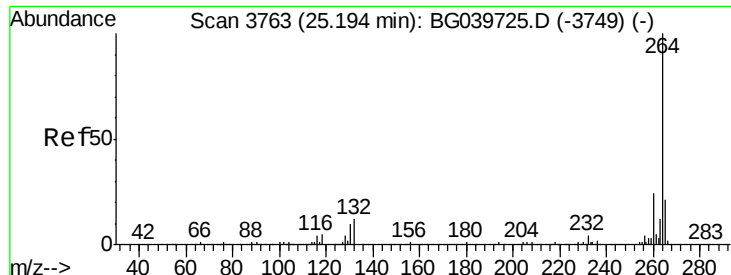
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.657 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	913217		
138	20.4		12.6	19.0#
277	25.9		20.8	31.2





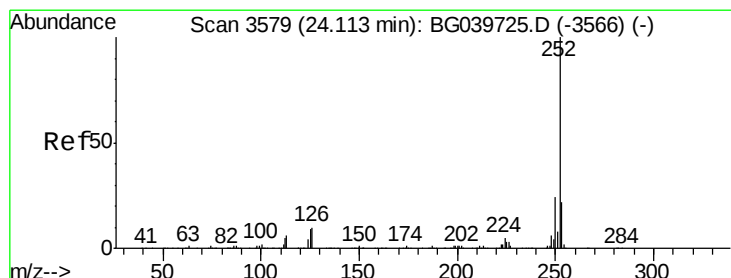
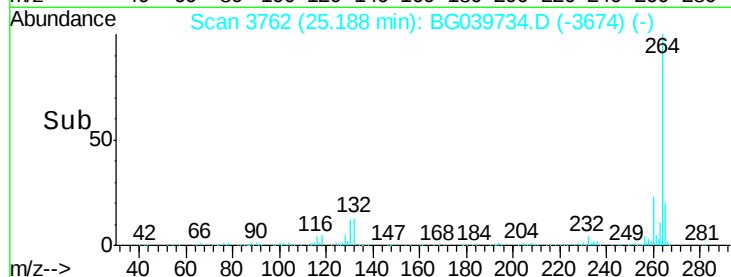
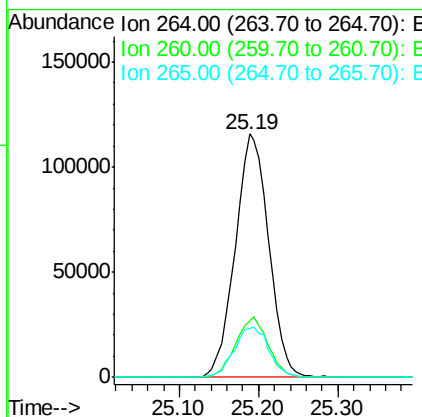
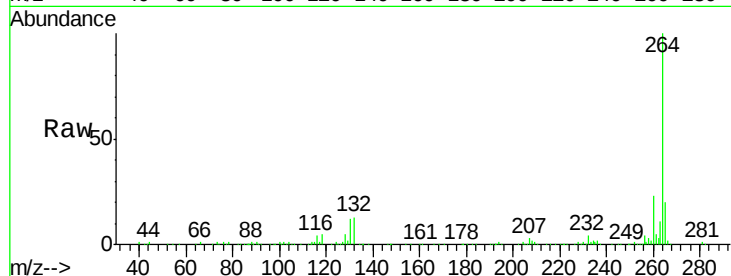
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Instrument :
BNA_G
ClientSampleId :
PB117567BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	18.2	27.4
265	20.3	18.5	27.7

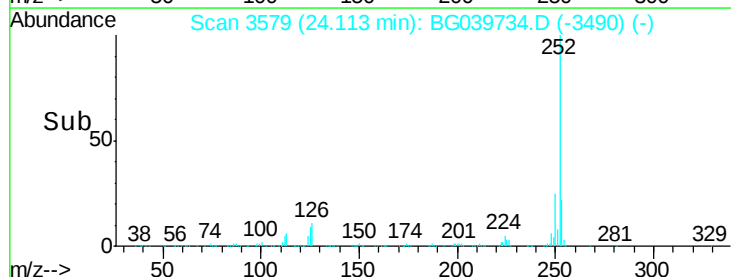
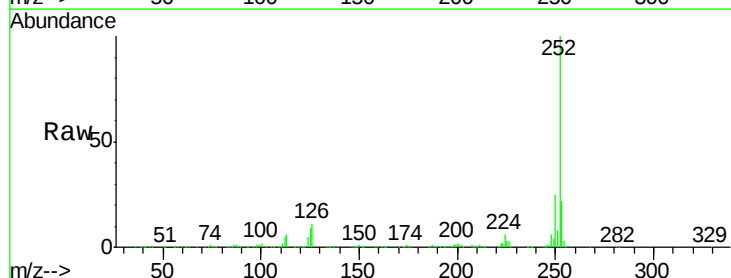
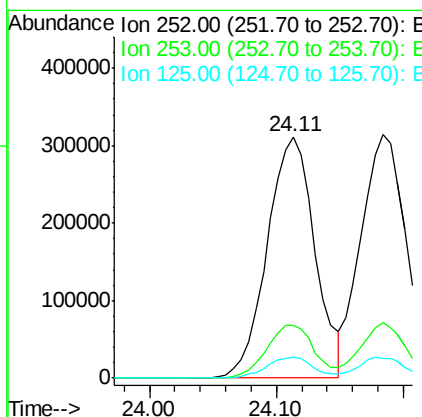
Manual Integrations
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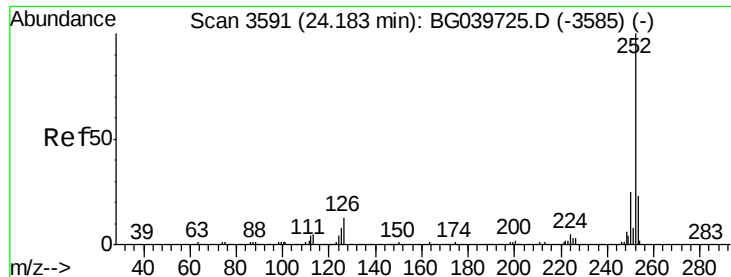
Sohil
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#88
Benzo(b)fluoranthene
Concen: 40.142 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG039734.D
Acq: 4 Mar 2019 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.8	26.8
125	8.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 41.201 ng

RT: 24.18 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

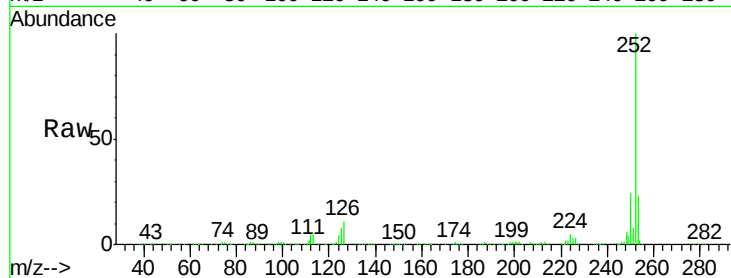
ClientSampleId :

PB117567BS

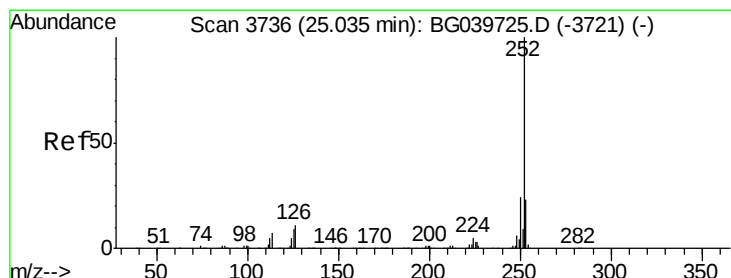
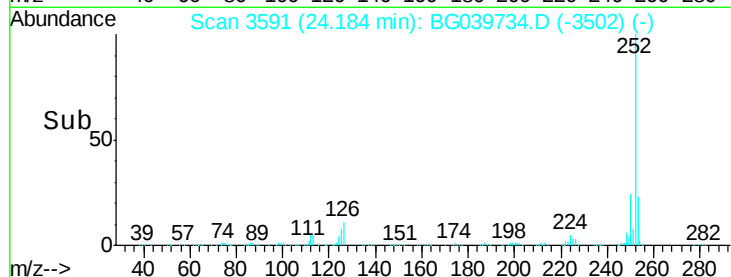
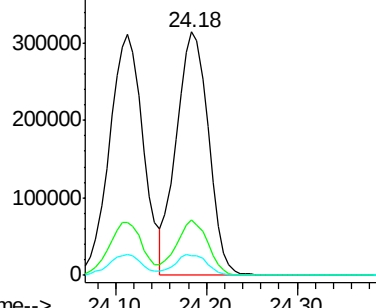
Tgt Ion:	252	Resp:	773420
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	8.3	7.4	11.2

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



#90

Benzo(a)pyrene

Concen: 42.435 ng

RT: 25.03 min Scan# 3735

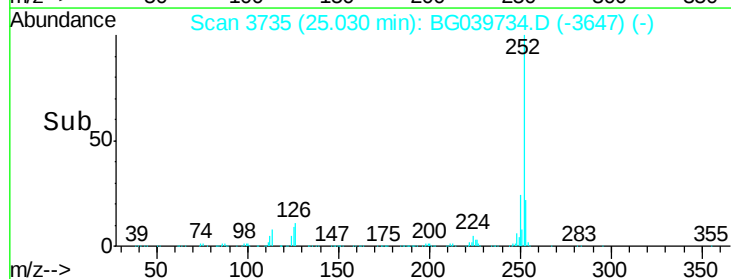
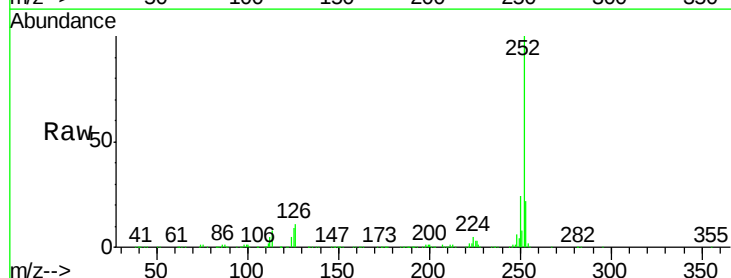
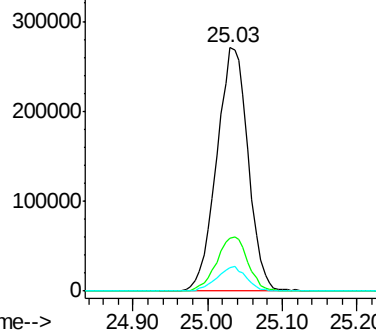
Delta R.T. -0.01 min

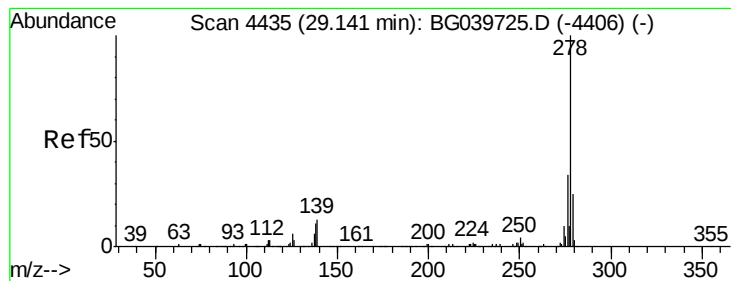
Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	252	Resp:	790771
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	9.4	8.3	12.5

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





#91

Dibenzo(a,h)anthracene

Concen: 40.468 ng

RT: 29.15 min Scan# 4436

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Instrument :

BNA_G

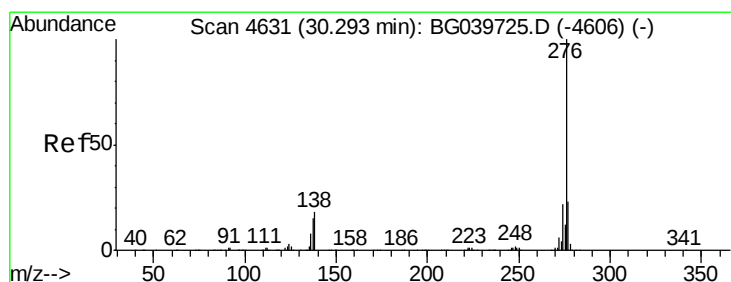
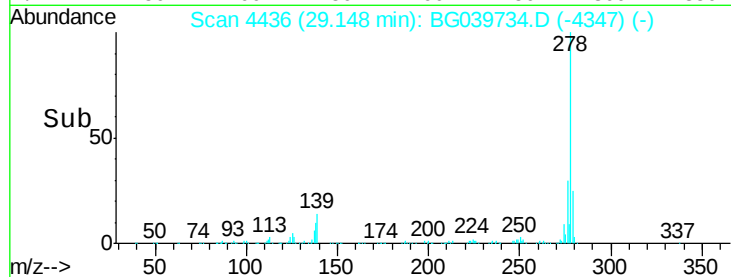
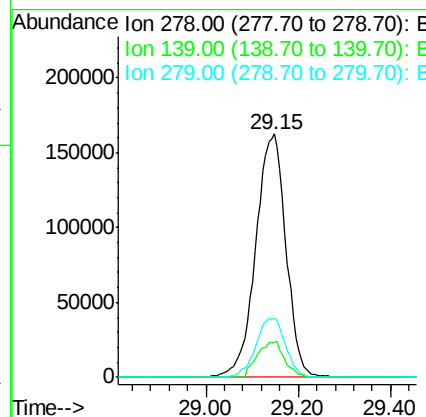
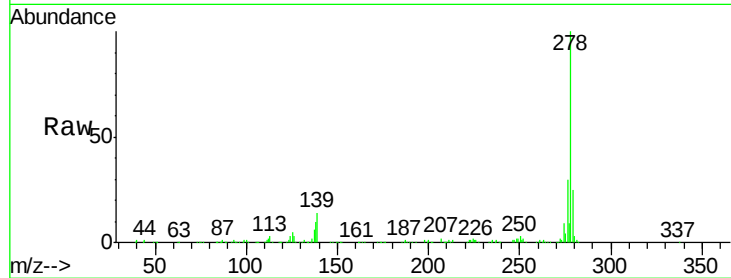
ClientSampleId :

PB117567BS

Tgt Ion:	278	Resp:	739308
Ion Ratio	Lower	Upper	
278	100		
139	14.2	11.7	17.5
279	24.5	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 41.035 ng

RT: 30.30 min Scan# 4632

Delta R.T. -0.01 min

Lab File: BG039734.D

Acq: 4 Mar 2019 16:52

Tgt Ion:	276	Resp:	752911
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.6	29.4
138	16.2	14.7	22.1

