

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040125.D
 Acq On : 25 Mar 2019 20:13
 Operator : JU/SJ
 Sample : K2040-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Manual Integrations
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Sohil
 3/26/2019 6:22:34 PM

Quant Time: Mar 26 05:32:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37291	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	159921	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	116124	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	294178	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	288954	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297994	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	281847	128.94	ng	-0.02
7) Phenol-d6	7.29	99	393518	120.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	260058	87.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204552	151.13	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	647896	79.44	ng	-0.02
79) Terphenyl-d14	20.11	244	1157241	88.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	32888	32.590	ng	# 44
3) Pyridine	3.99	79	77542	28.701	ng	93
4) n-Nitrosodimethylamine	3.90	42	45258	35.312	ng	# 74
6) Aniline	7.47	93	39084	9.153	ng	97
8) 2-Chlorophenol	7.70	128	110225	41.565	ng	96
9) Benzaldehyde	7.28	77	29281	13.927	ng	90
10) Phenol	7.32	94	132609	37.558	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	107492	39.047	ng	96
12) 1,3-Dichlorobenzene	8.03	146	108150	36.060	ng	95
13) 1,4-Dichlorobenzene	8.18	146	111990	36.659	ng	96
14) 1,2-Dichlorobenzene	8.50	146	109270	37.020	ng	98
15) Benzyl Alcohol	8.38	79	101605	39.299	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	195317	35.475	ng	100
17) 2-Methylphenol	8.57	107	94158	41.822	ng	97
18) Hexachloroethane	9.22	117	37955	34.625	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	87817	37.434	ng	89
20) 3+4-Methylphenols	8.90	107	134424	42.979	ng	97
22) Acetophenone	8.97	105	168139	39.173	ng	# 93
24) Nitrobenzene	9.36	77	129810	41.847	ng	96
25) Isophorone	9.87	82	258765	41.766	ng	99
26) 2-Nitrophenol	10.07	139	65570	43.780	ng	96
27) 2,4-Dimethylphenol	10.11	122	115127	49.425	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	156360	41.529	ng	98
29) 2,4-Dichlorophenol	10.60	162	128632	49.048	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	123447	41.831	ng	96
31) Naphthalene	11.01	128	350799	41.431	ng	99
32) Benzoic acid	10.24	122	32725	24.247	ng	97
33) 4-Chloroaniline	11.14	127	9069	2.526	ng	# 88
34) Hexachlorobutadiene	11.27	225	79969	39.655	ng	96
35) Caprolactam	11.91	113	37534m	37.466	ng	
36) 4-Chloro-3-methylphenol	12.23	107	141818	47.173	ng	99
37) 2-Methylnaphthalene	12.60	142	272984	43.124	ng	98
38) 1-Methylnaphthalene	12.82	142	261423	42.495	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	154916	39.379	ng	99

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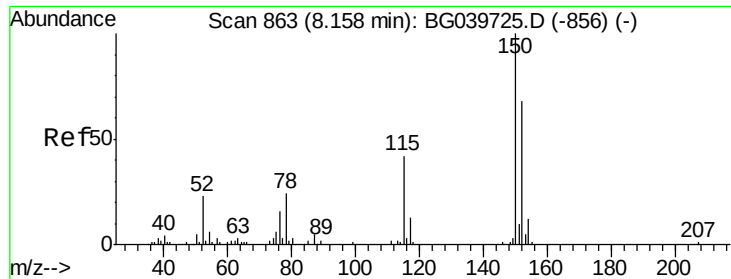
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	177704	84.290	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	110018	47.768	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	121661	46.863	ng	98
46) 1,1'-Biphenyl	13.60	154	379178	39.700	ng	99
47) 2-Chloronaphthalene	13.65	162	294897	41.042	ng	98
48) 2-Nitroaniline	13.86	65	103099	44.649	ng	93
49) Acenaphthylene	14.50	152	486176	41.218	ng	99
50) Dimethylphthalate	14.21	163	423167	43.580	ng	99
51) 2,6-Dinitrotoluene	14.35	165	94583	45.947	ng	94
52) Acenaphthene	14.83	154	297461	41.900	ng	99
53) 3-Nitroaniline	14.68	138	13423	6.487	ng	# 90
54) 2,4-Dinitrophenol	14.88	184	56288	45.767	ng	96
55) Dibenzofuran	15.17	168	495232	42.518	ng	99
56) 4-Nitrophenol	14.98	139	135056	72.961	ng	92
57) 2,4-Dinitrotoluene	15.13	165	138031	47.721	ng	85
58) Fluorene	15.81	166	398106	43.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	122968	48.500	ng	97
60) Diethylphthalate	15.57	149	430980	44.836	ng	97
61) 4-Chlorophenyl-phenylether	15.79	204	212643	43.519	ng	99
62) 4-Nitroaniline	15.85	138	91861	40.949	ng	93
63) Azobenzene	16.09	77	375928	43.144	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	57641	33.139	ng	93
66) n-Nitrosodiphenylamine	16.02	169	374136	43.931	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	143023	43.434	ng	95
68) Hexachlorobenzene	16.80	284	146584	42.946	ng	97
69) Atrazine	16.95	200	152453	45.484	ng	97
70) Pentachlorophenol	17.16	266	155255	72.023	ng	98
71) Phenanthrene	17.56	178	688345	42.481	ng	100
72) Anthracene	17.64	178	691326	43.782	ng	99
73) Carbazole	17.92	167	603526	42.397	ng	98
74) Di-n-butylphthalate	18.44	149	736260	43.959	ng	100
75) Fluoranthene	19.56	202	813444	42.478	ng	99
77) Benzidine	19.74	184	39095	4.264	ng	96
78) Pyrene	19.92	202	817412	43.534	ng	99
80) Butylbenzylphthalate	20.78	149	334251	45.949	ng	95
81) Benzo(a)anthracene	21.78	228	775695	42.833	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	73668	11.142	ng	98
83) Chrysene	21.85	228	730592	41.613	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	462507	45.245	ng	100
85) Di-n-octyl phthalate	22.89	149	781889	46.195	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.02	276	863259	43.342	ng	# 97
88) Benzo(b)fluoranthene	24.08	252	779888	43.888	ng	98
89) Benzo(k)fluoranthene	24.15	252	738268	44.632	ng	99
90) Benzo(a)pyrene	25.00	252	746482	45.461	ng	97
91) Dibenzo(a,h)anthracene	29.09	278	711205	44.180	ng	98
92) Benzo(g,h,i)perylene	30.25	276	724053	44.784	ng	97

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



#1

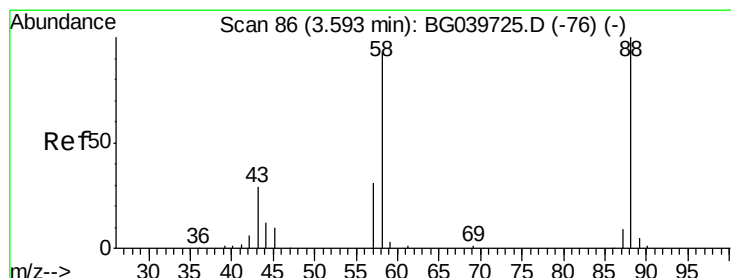
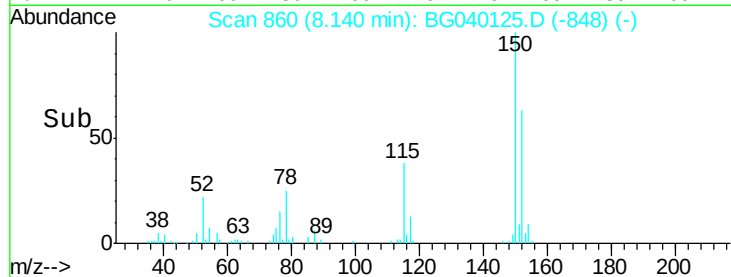
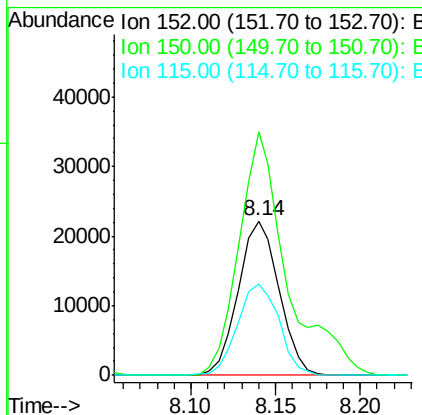
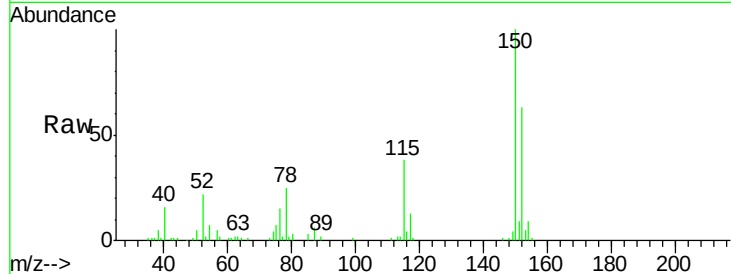
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.7	185.5
115	59.5	45.9	68.9

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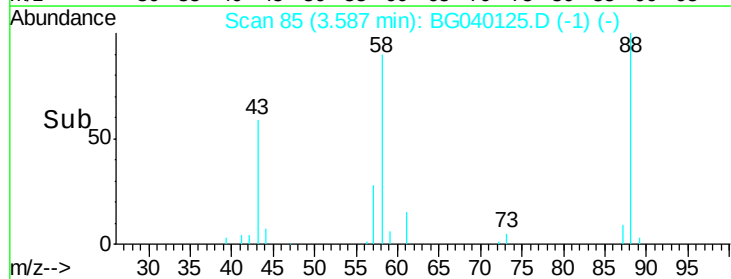
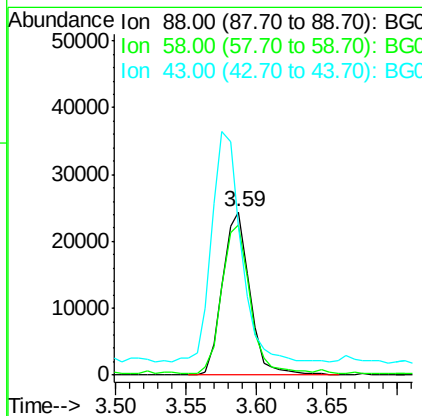
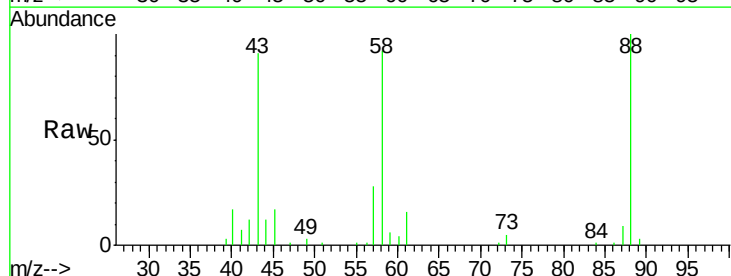
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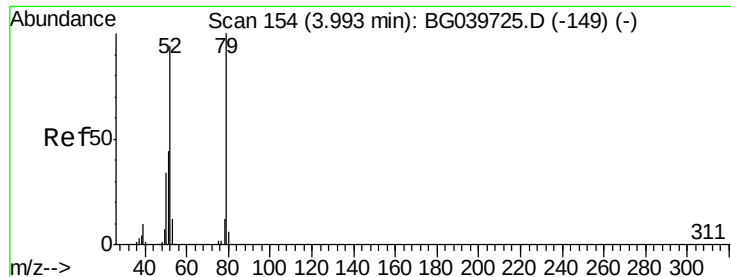


#2

1,4-Dioxane
Concen: 32.590 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.7	81.1	121.7
43	150.9	31.4	47.0





#3

Pyridine

Concen: 28.701 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

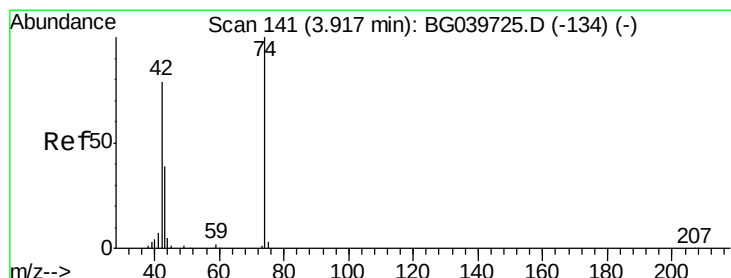
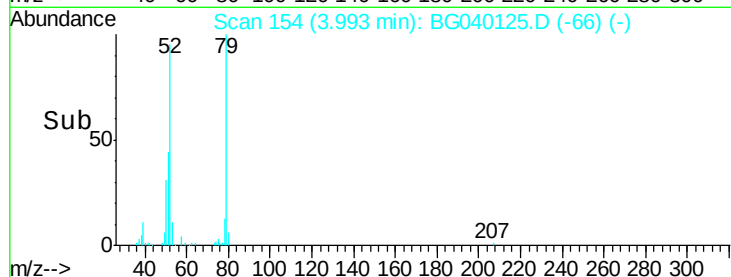
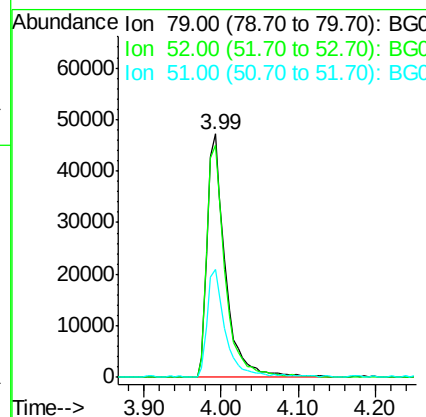
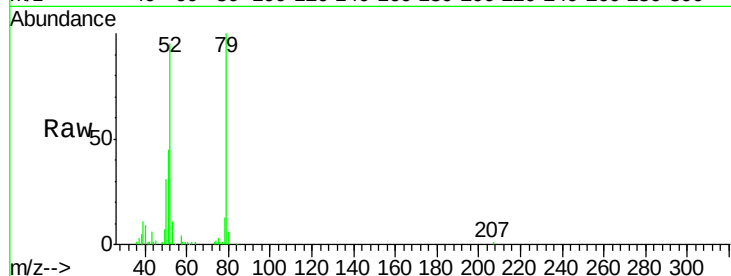
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	79	Resp:	77542
Ion	Ratio	Lower	Upper
79	100		
52	95.2	82.6	124.0
51	44.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 35.312 ng

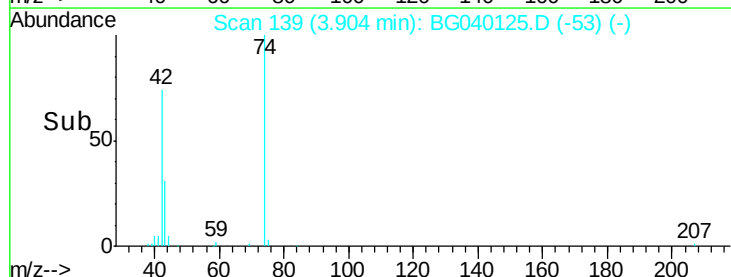
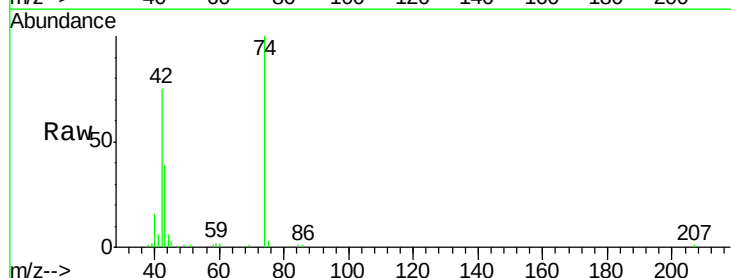
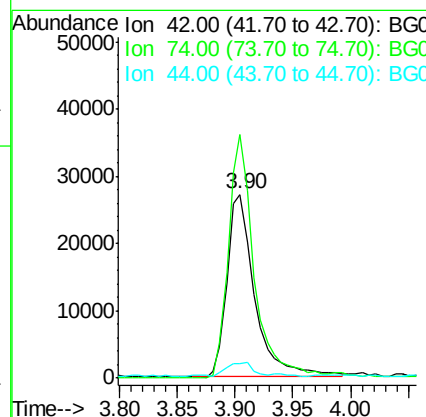
RT: 3.90 min Scan# 139

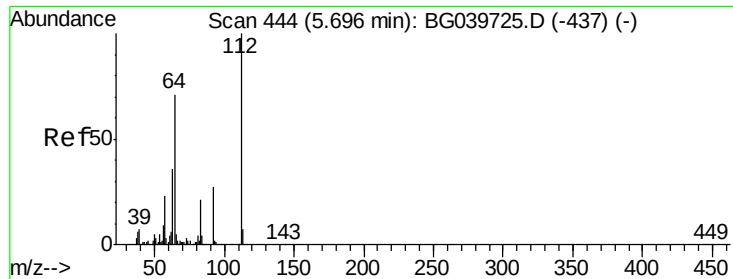
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	42	Resp:	45258
Ion	Ratio	Lower	Upper
42	100		
74	132.7	83.6	125.4#
44	8.1	6.9	10.3





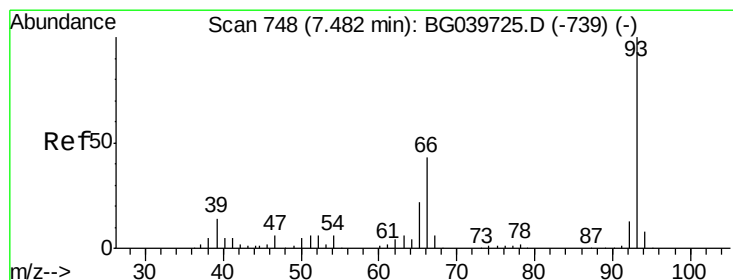
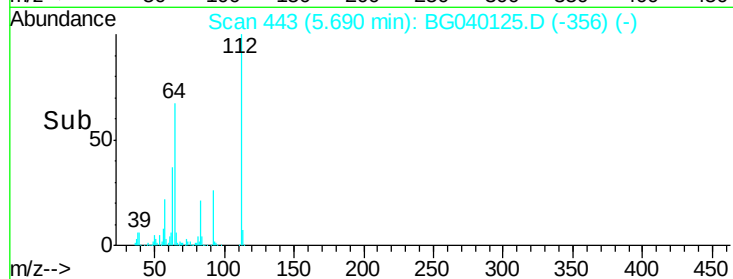
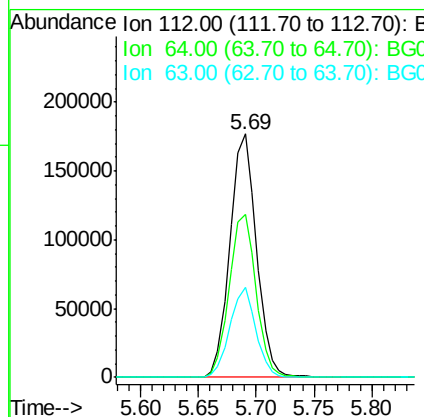
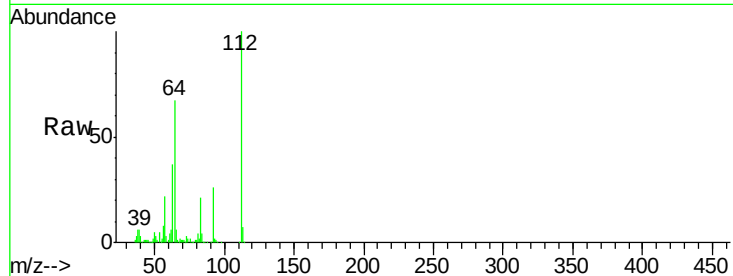
#5
 2-Fluorophenol
 Concen: 128.941 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	66.8	57.8	86.8
63	36.7	29.8	44.6

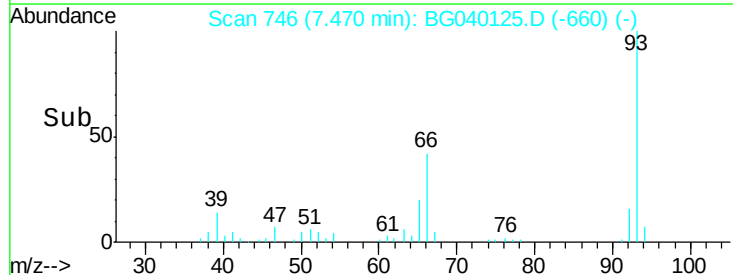
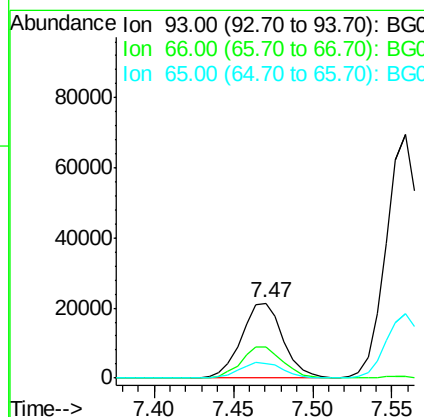
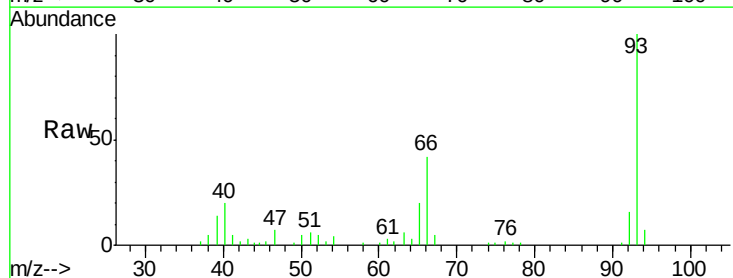
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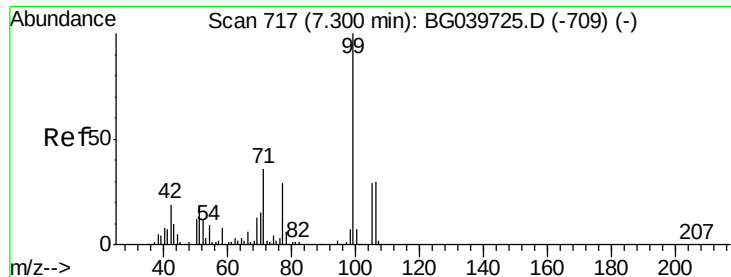
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#6
 Aniline
 Concen: 9.153 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.5	34.2	51.4
65	19.8	17.7	26.5





#7

Phenol-d6

Concen: 120.739 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

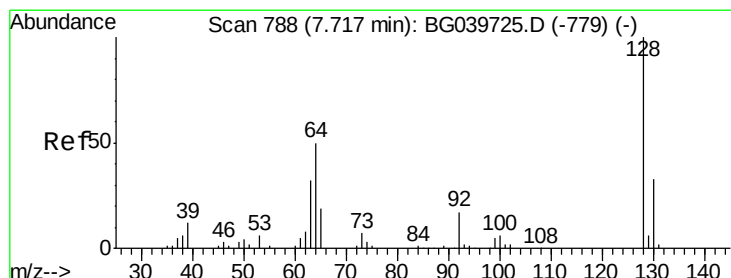
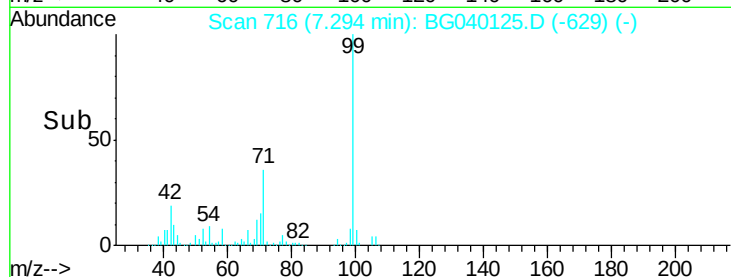
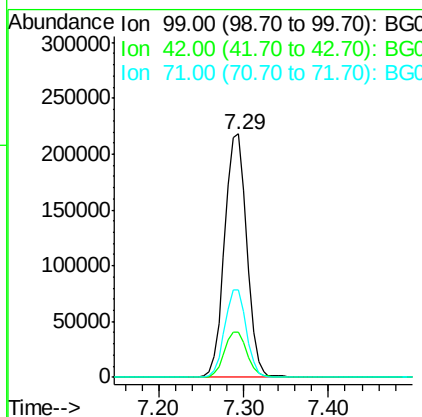
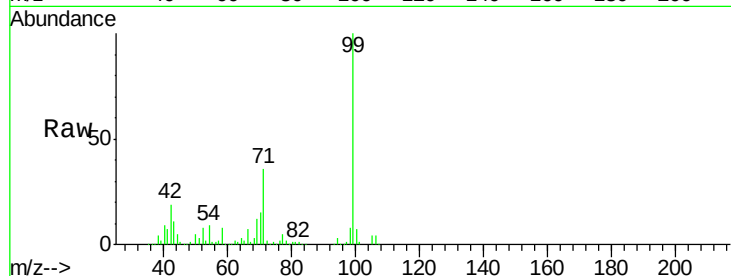
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	99	Resp:	393518
Ion Ratio	Lower	Upper	
99	100		
42	18.8	18.2	27.2
71	35.9	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.565 ng

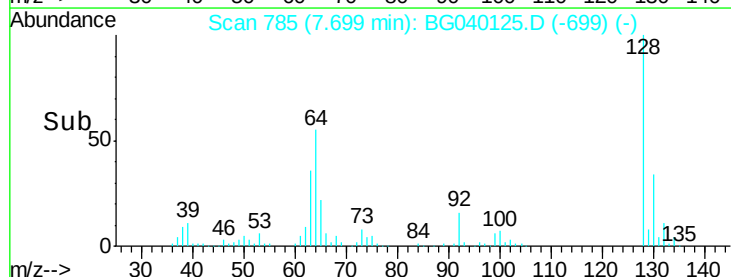
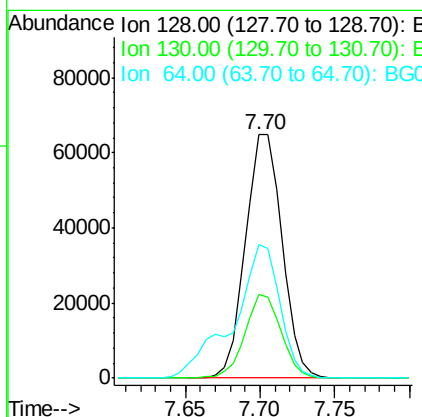
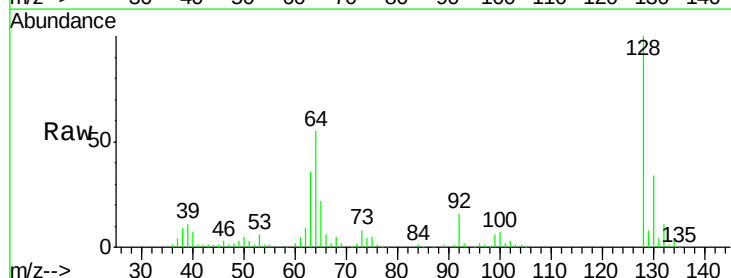
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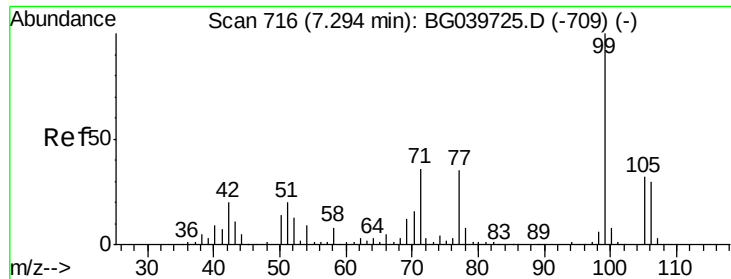
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	128	Resp:	110225
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.9	52.9
64	54.7	38.7	78.7





#9

Benzaldehyde

Concen: 13.927 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

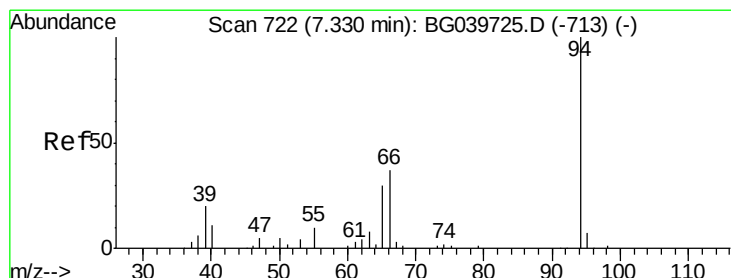
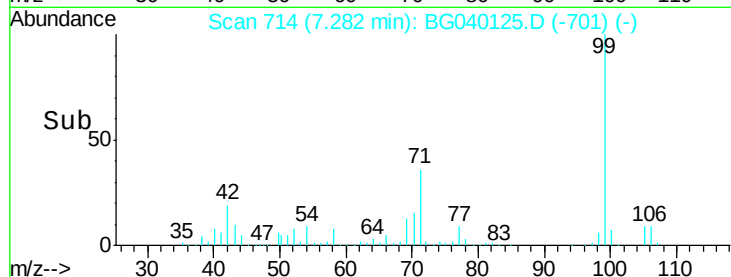
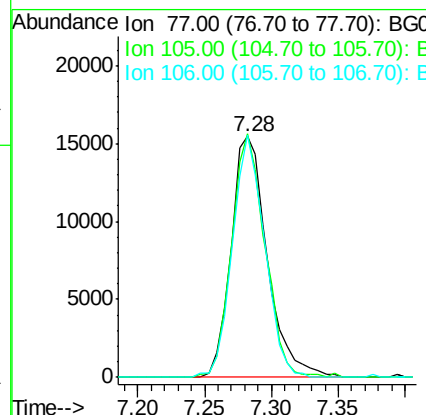
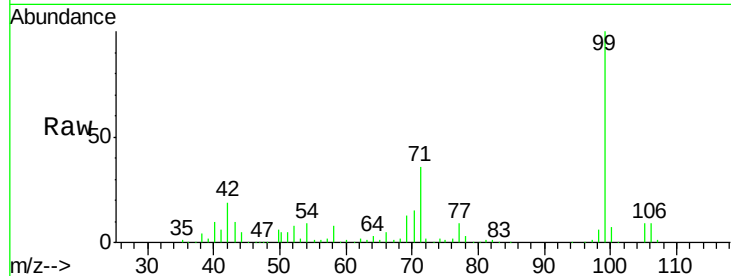
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	77	Resp:	29281
Ion Ratio	Lower	Upper	
77	100		
105	101.1	74.5	114.5
106	100.5	68.0	108.0

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#10

Phenol

Concen: 37.558 ng

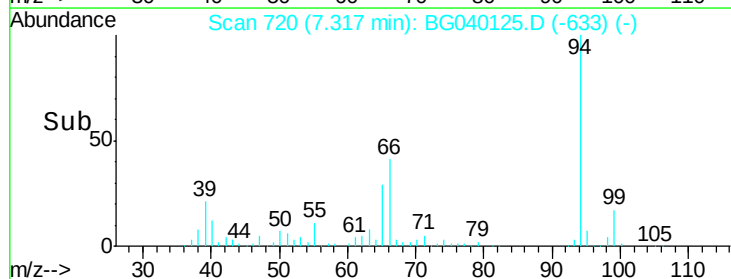
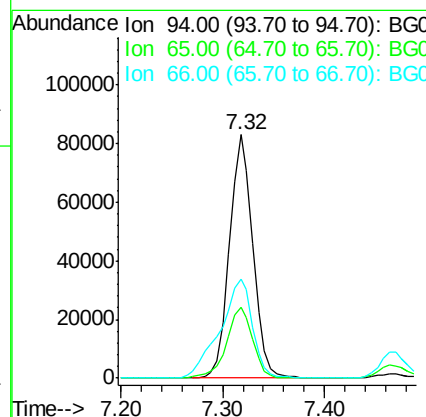
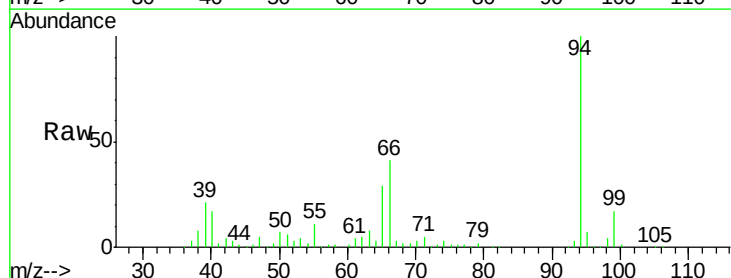
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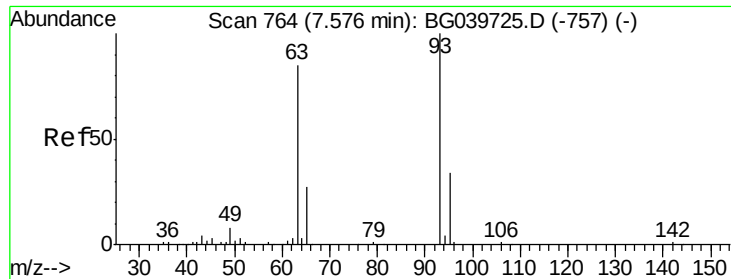
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	94	Resp:	132609
Ion Ratio	Lower	Upper	
94	100		
65	29.1	11.7	51.7
66	40.9	23.7	63.7





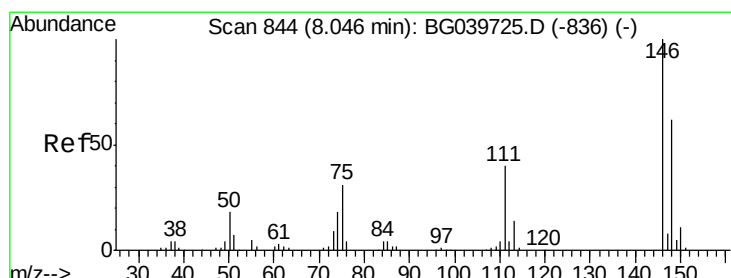
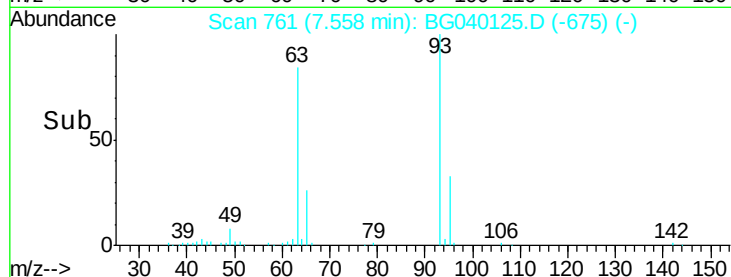
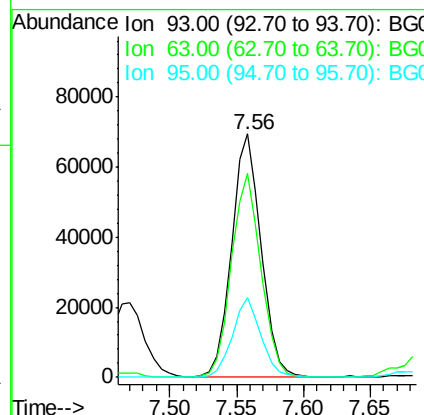
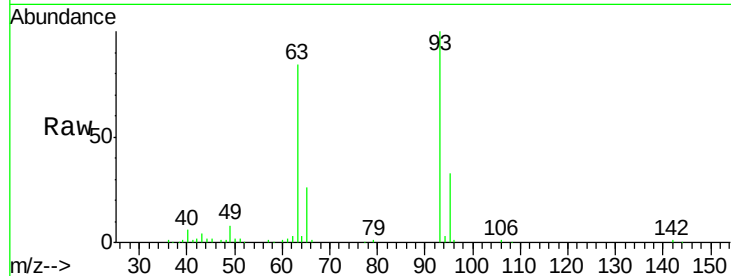
#11
bis(2-Chloroethyl)ether
Concen: 39.047 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	107492		
63	83.9	69.5	109.5	
95	32.7	12.7	52.7	

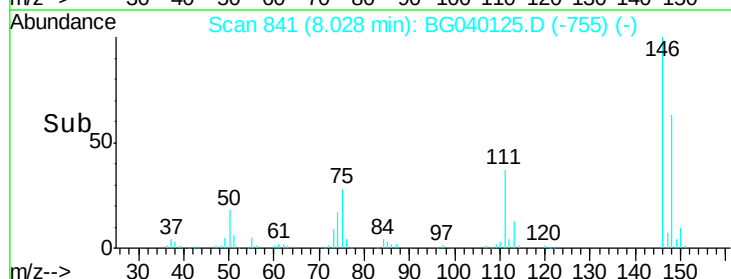
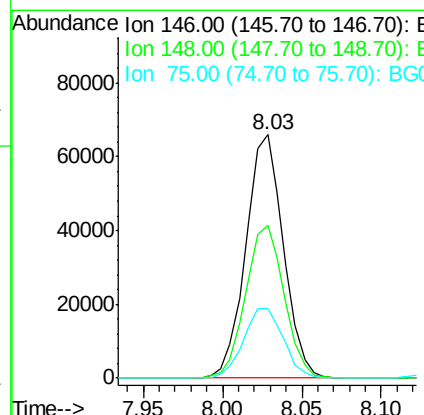
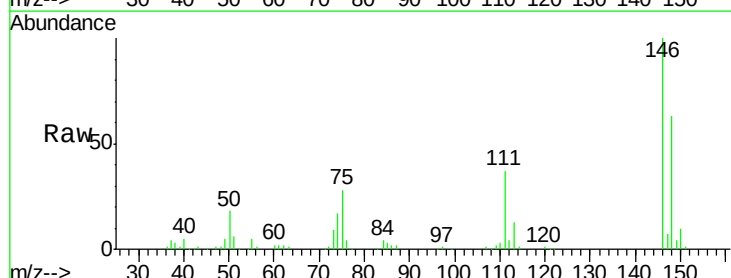
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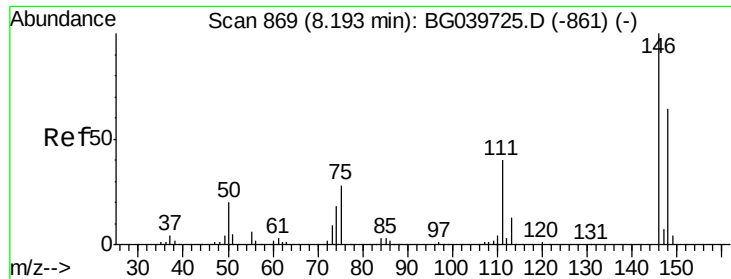
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.060 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108150		
148	62.7	52.6	79.0	
75	28.5	25.8	38.6	





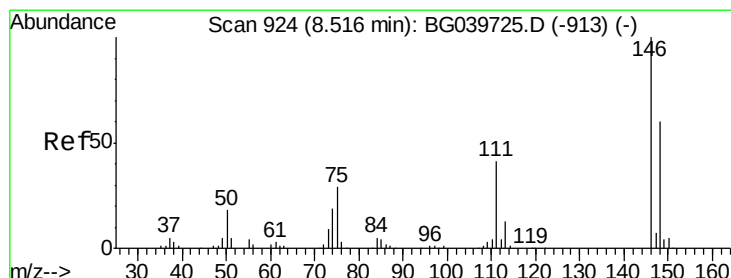
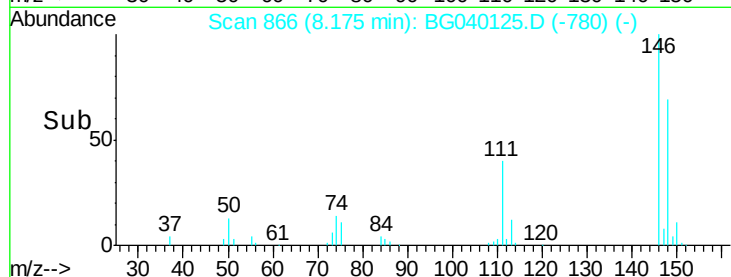
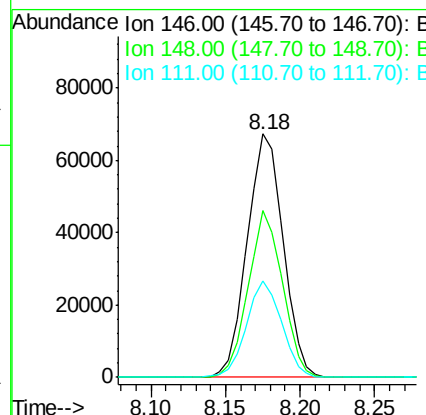
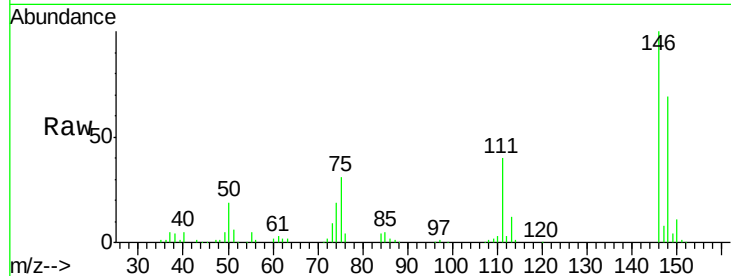
#13
 1,4-Dichlorobenzene
 Concen: 36.659 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	51.1	76.7
111	39.7	32.6	48.8

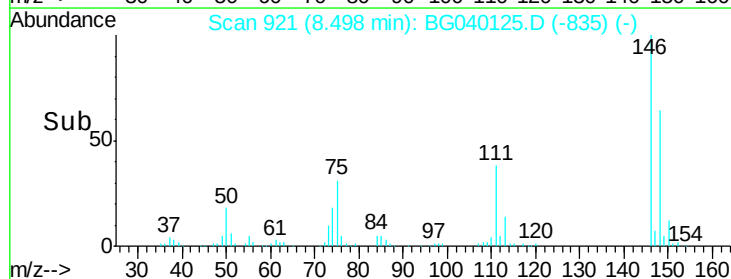
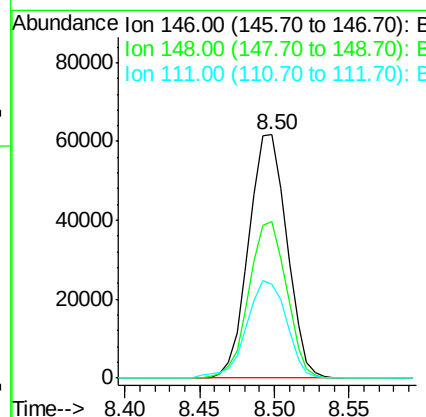
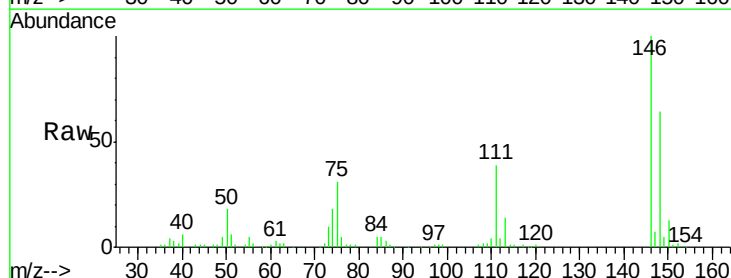
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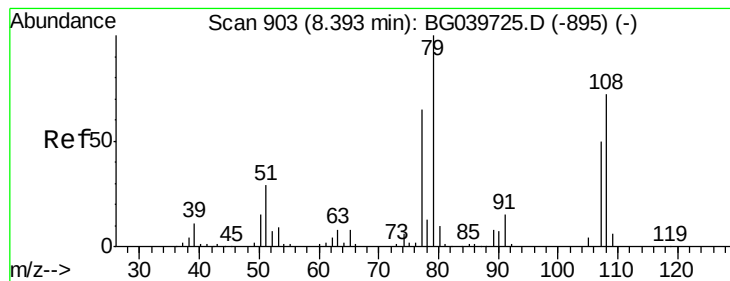
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#14
 1,2-Dichlorobenzene
 Concen: 37.020 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	38.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.299 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

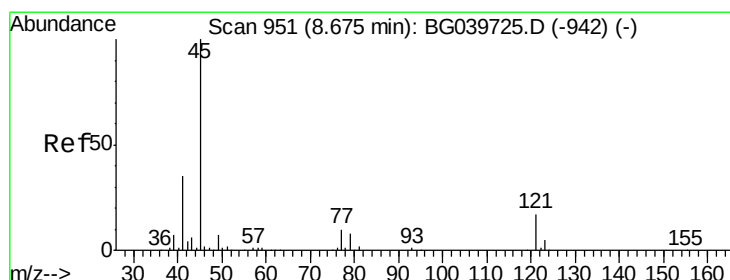
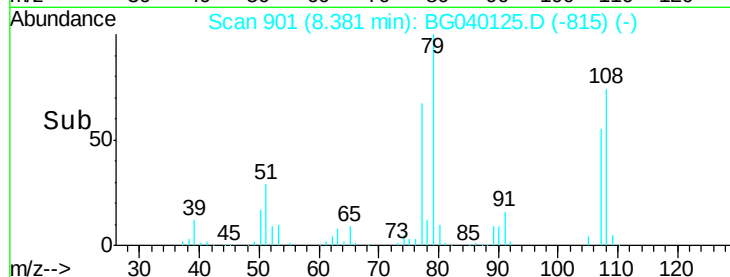
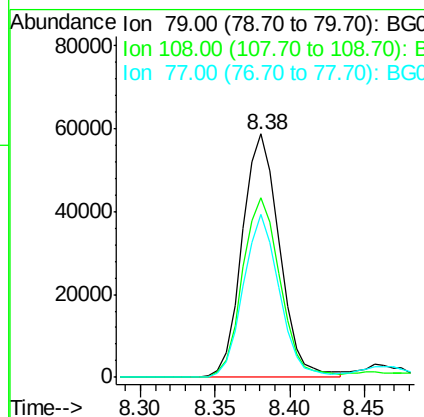
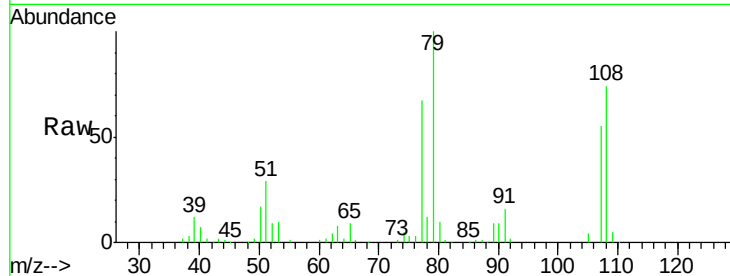
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	79	Resp:	101605
Ion Ratio	Lower	Upper	
79	100		
108	73.6	57.8	86.6
77	66.7	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.475 ng

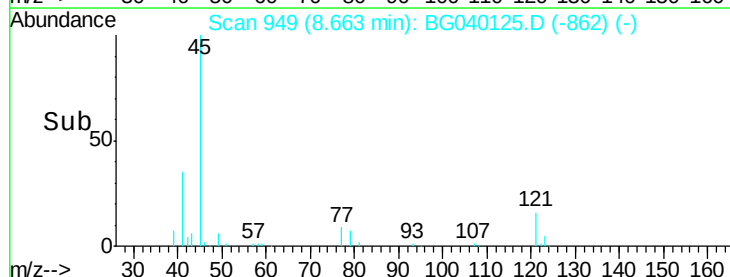
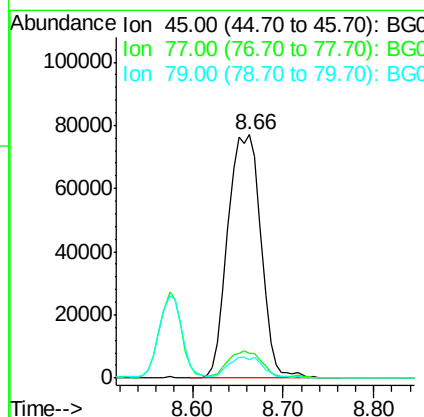
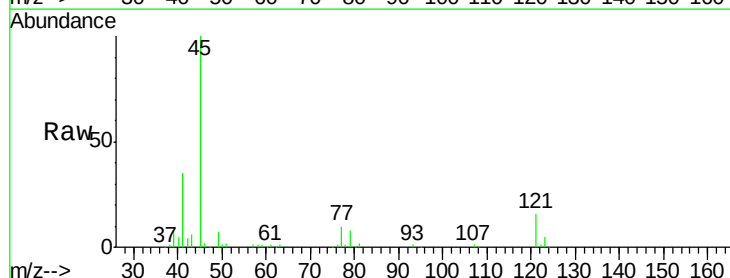
RT: 8.66 min Scan# 949

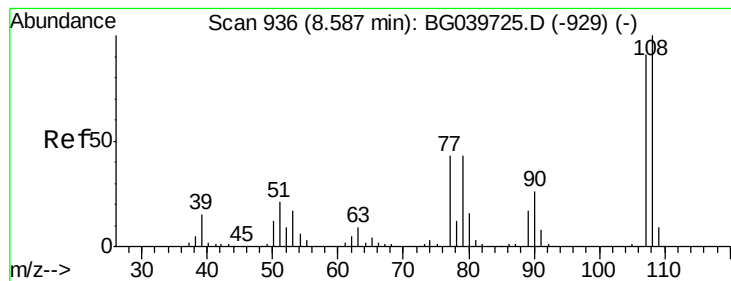
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	45	Resp:	195317
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	30.0
79	7.8	0.0	27.5





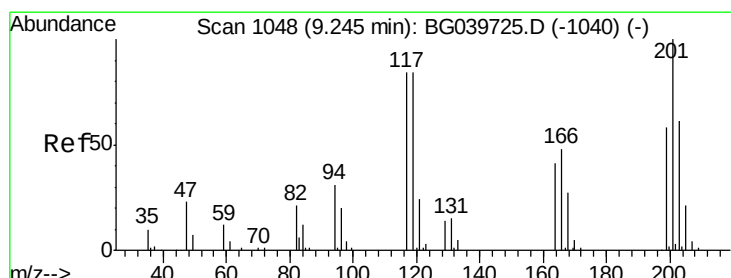
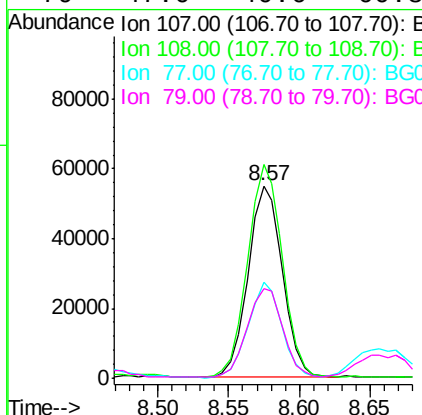
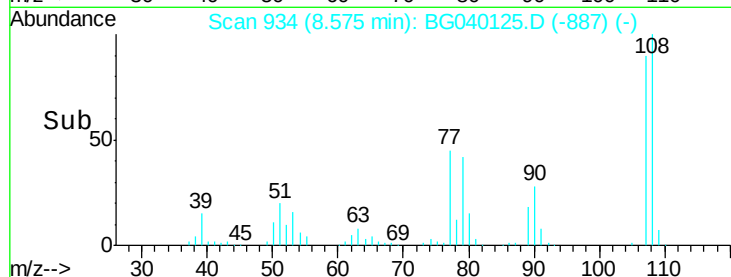
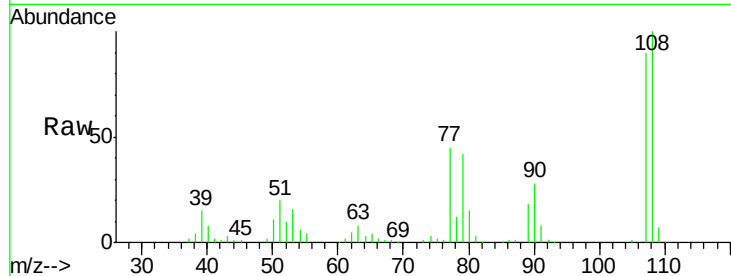
#17
2-Methylphenol
Concen: 41.822 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	94158		
108	111.1	90.8	136.2	
77	49.8	40.7	61.1	
79	47.0	40.6	60.8	

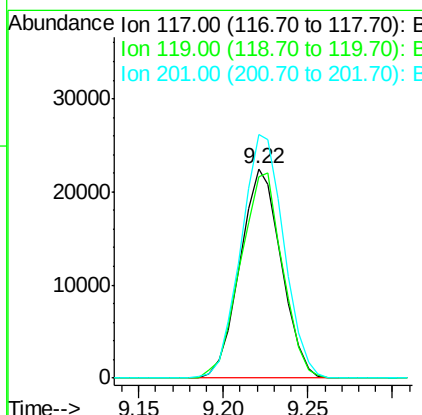
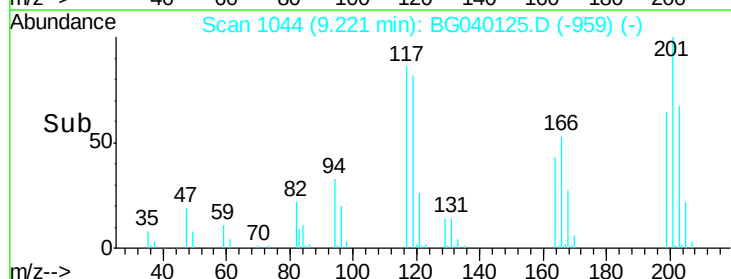
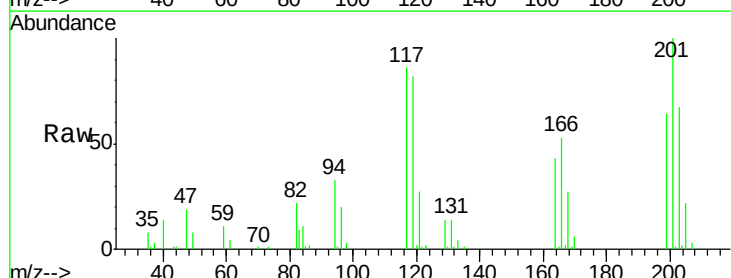
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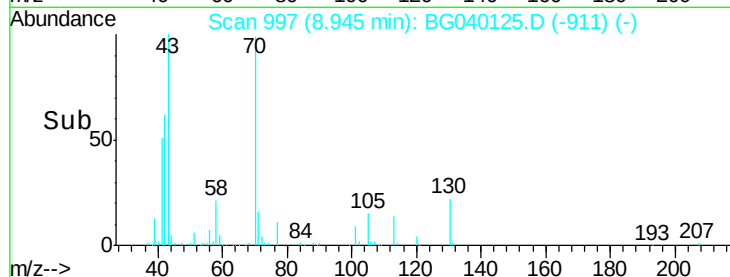
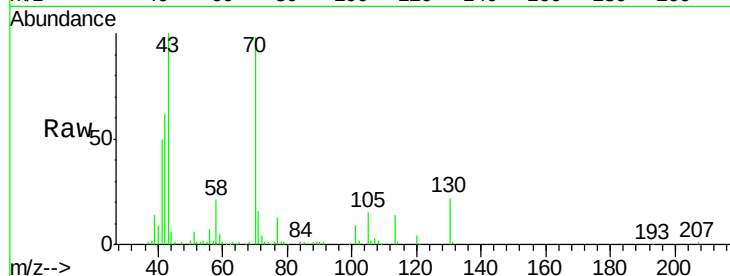
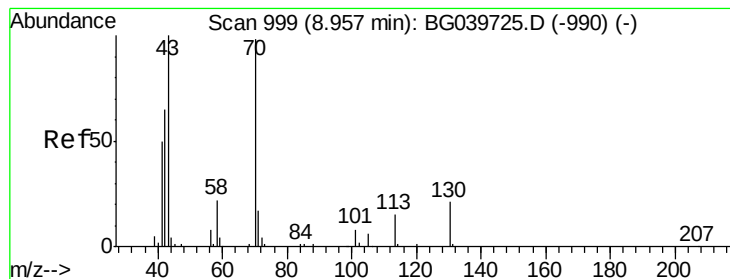
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#18
Hexachloroethane
Concen: 34.625 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37955		
119	96.0	76.3	114.5	
201	116.4	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 37.434 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.2	60.4	90.6
101	9.0	7.5	11.3
130	22.2	16.9	25.3

Instrument :

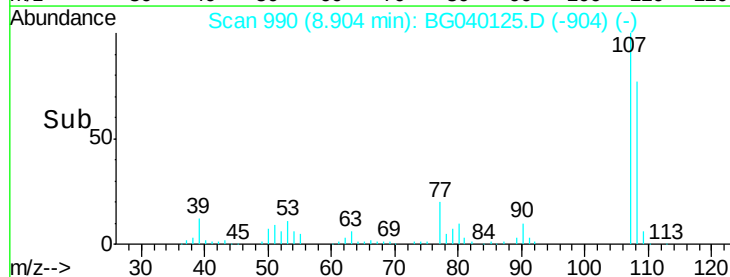
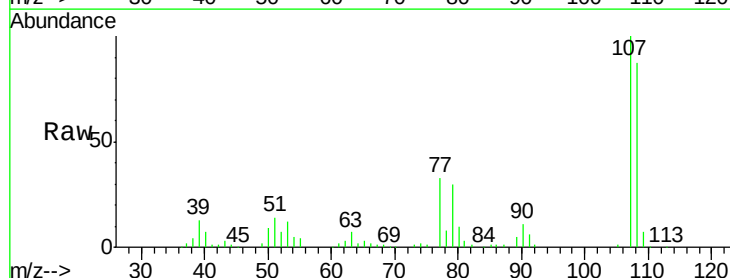
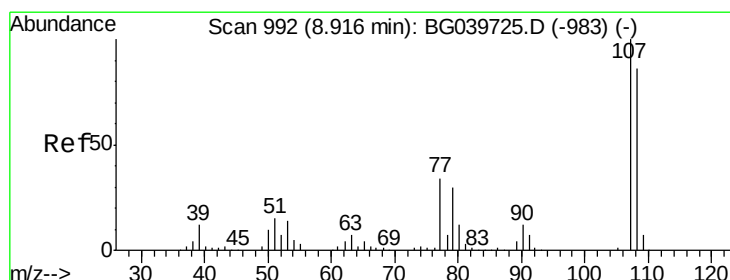
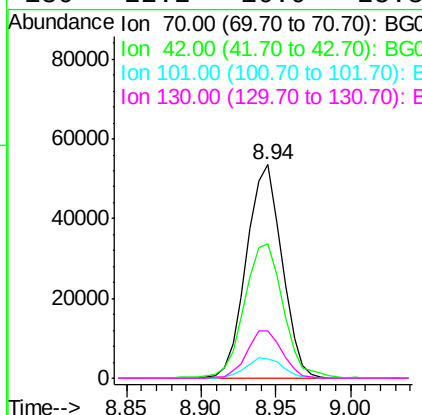
BNA_G

ClientSampleId :

S4B(2-10)MSD

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#20

3+4-Methylphenols

Concen: 42.979 ng

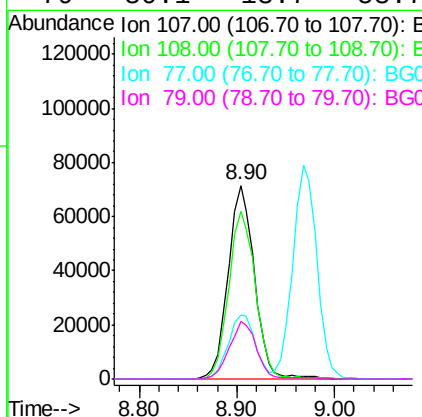
RT: 8.90 min Scan# 990

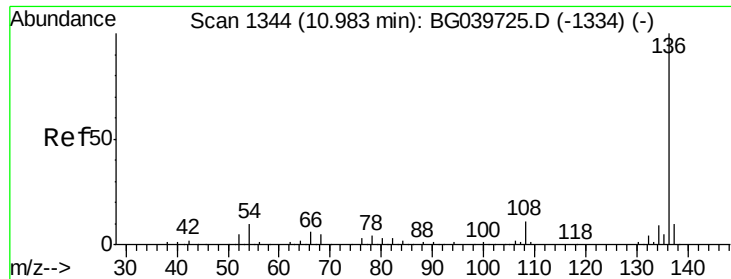
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.9	107.9
77	33.0	15.4	55.4
79	30.1	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040125.D

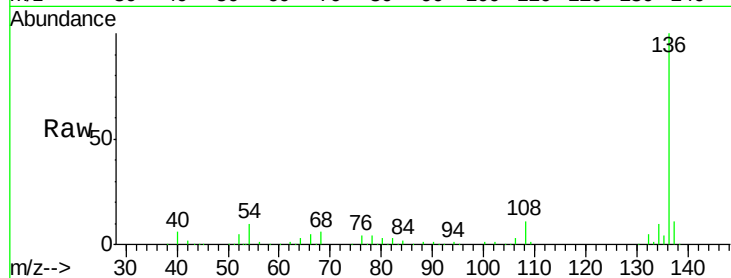
Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

ClientSampleId :

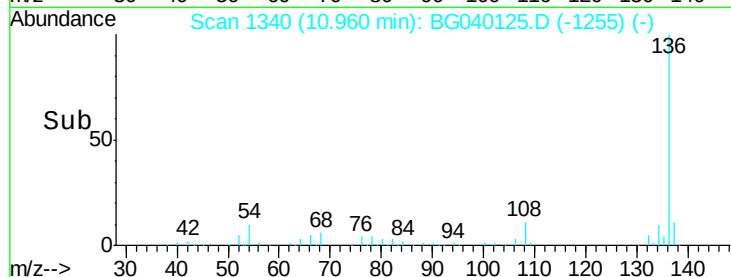
S4B(2-10)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	159921		
137	11.4	9.1	13.7	
54	10.5	9.4	14.2	
68	6.1	4.2	6.4	

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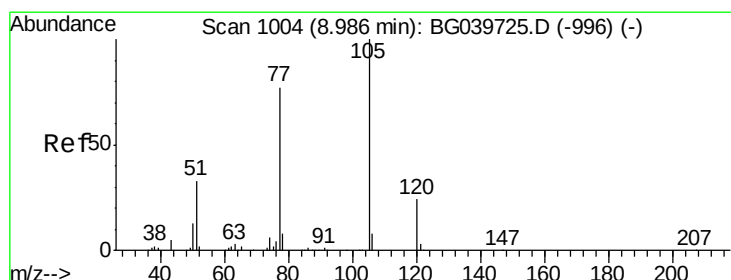
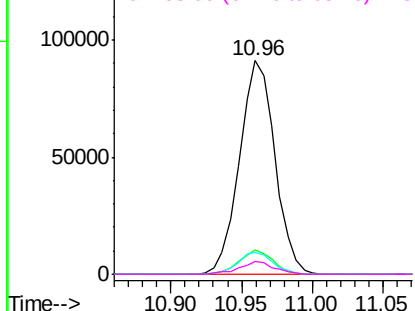


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

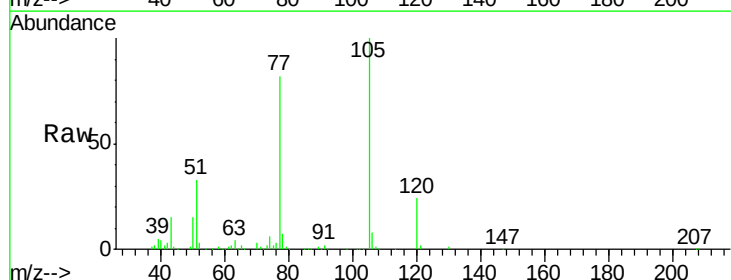
Concen: 39.173 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13



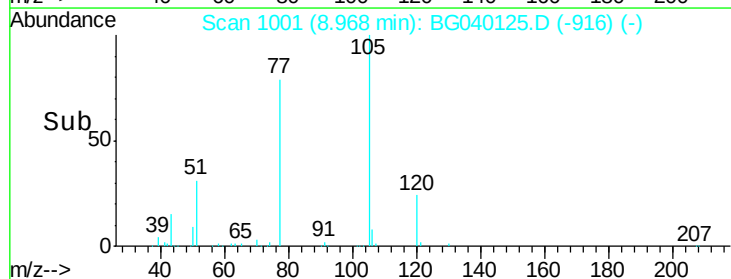
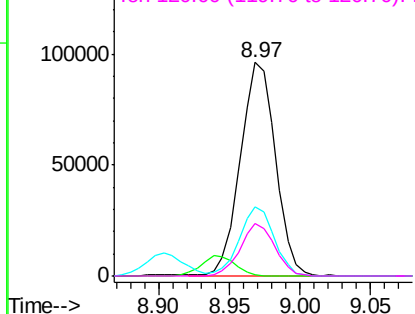
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168139		
71	0.6	0.8	1.2#	
51	32.5	30.2	45.2	
120	24.5	18.0	27.0	

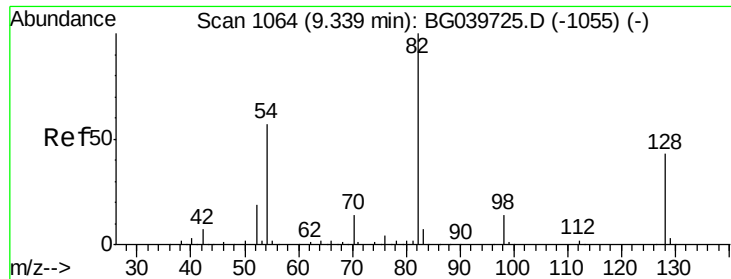
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





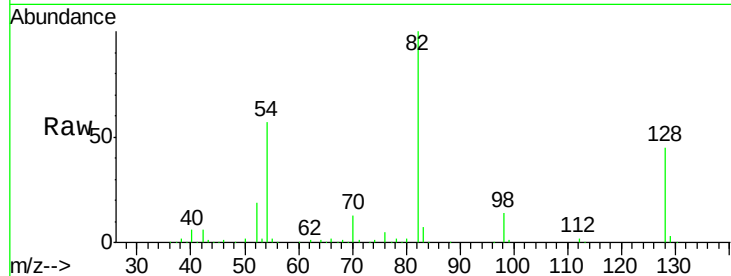
#23
Nitrobenzene-d5
Concen: 87.950 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

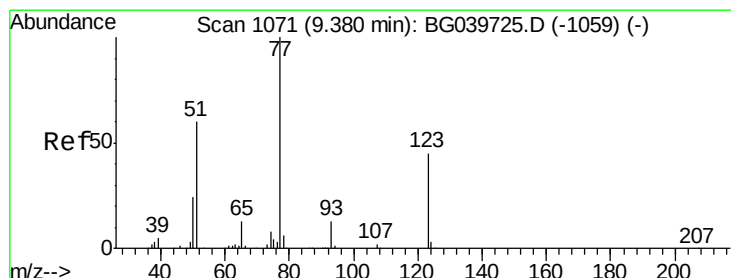
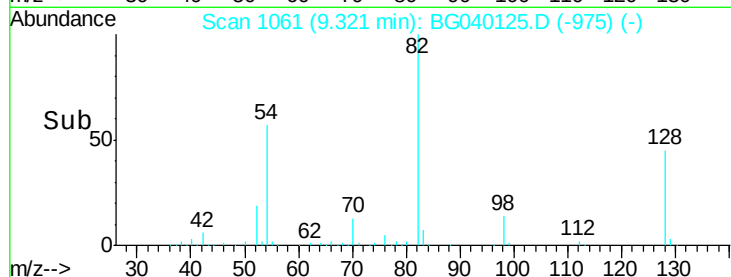
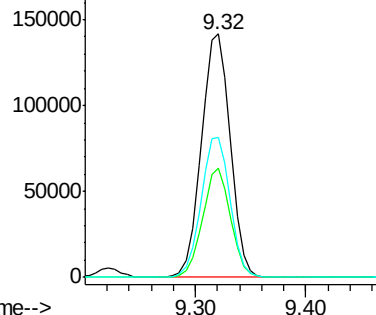
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.9	31.3	46.9
54	57.2	50.9	76.3

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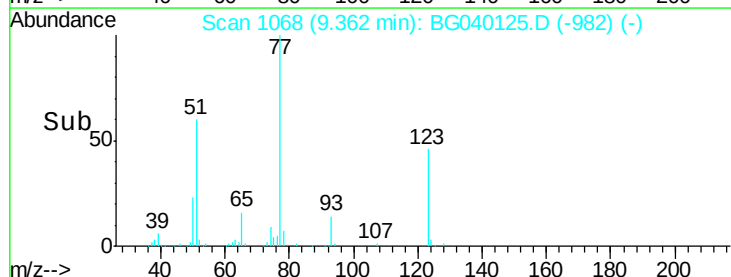
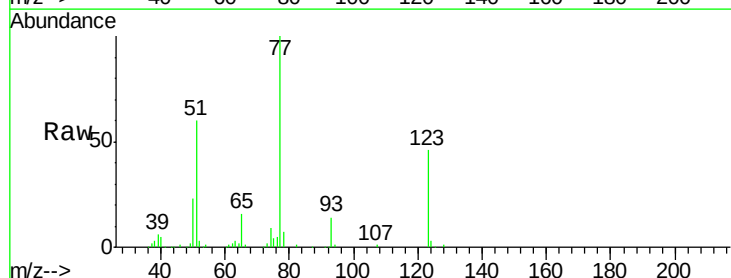
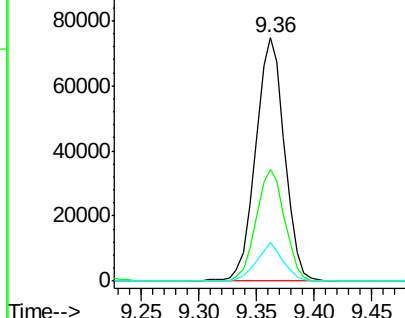
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

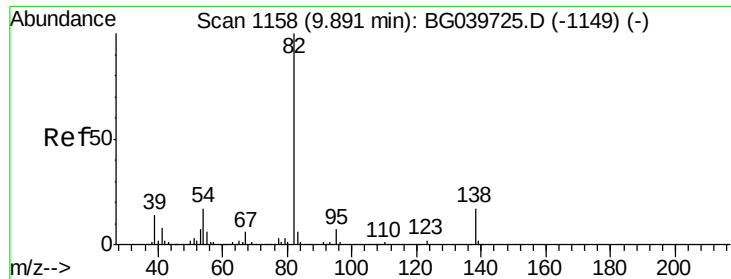


#24
Nitrobenzene
Concen: 41.847 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.8	34.1	51.1
65	16.1	12.3	18.5

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 41.766 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

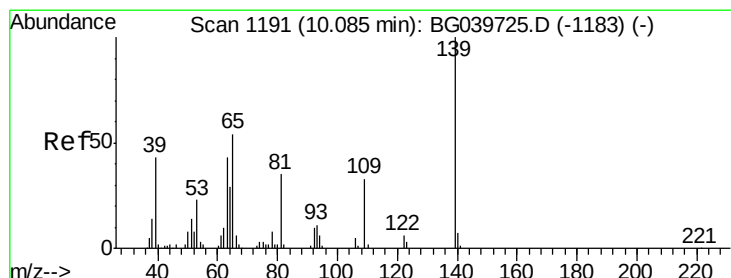
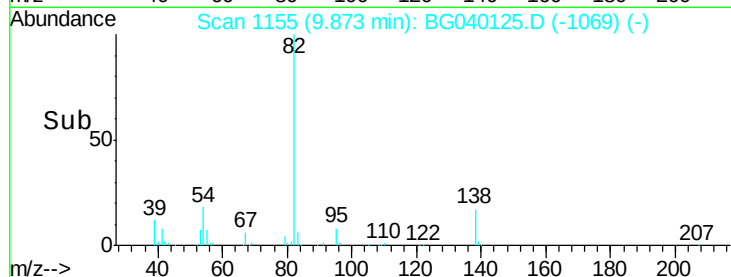
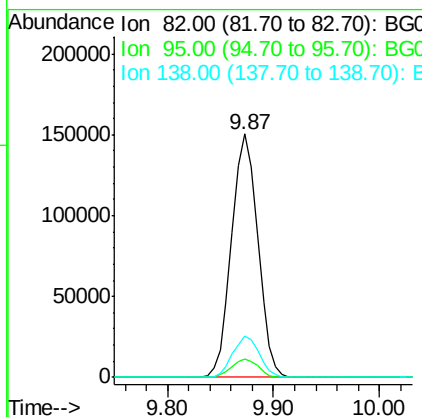
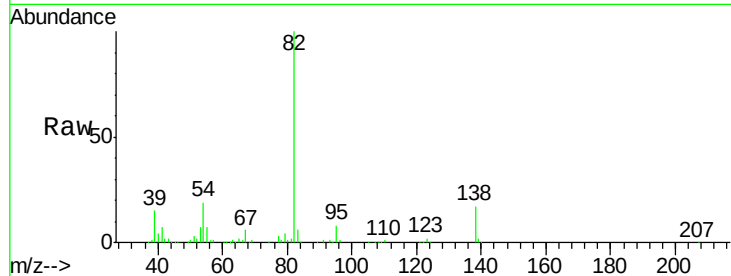
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	82	Resp:	258765
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	16.9	13.0	19.4

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#26

2-Nitrophenol

Concen: 43.780 ng

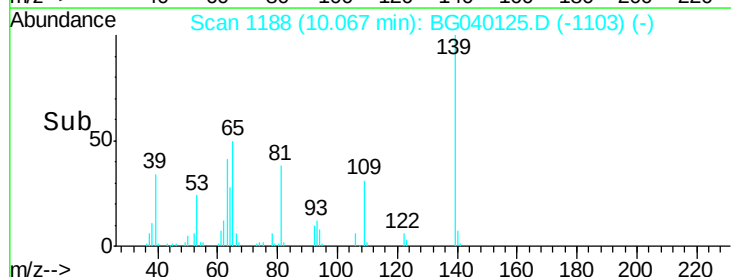
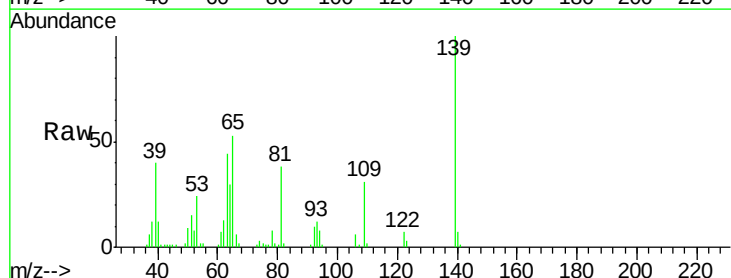
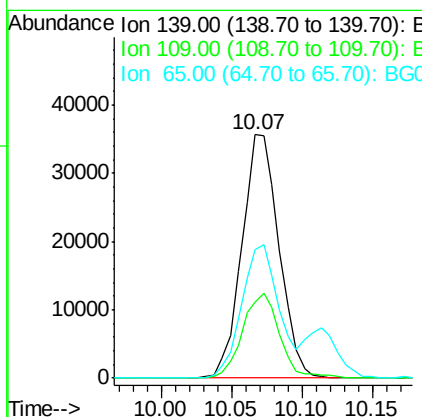
RT: 10.07 min Scan# 1188

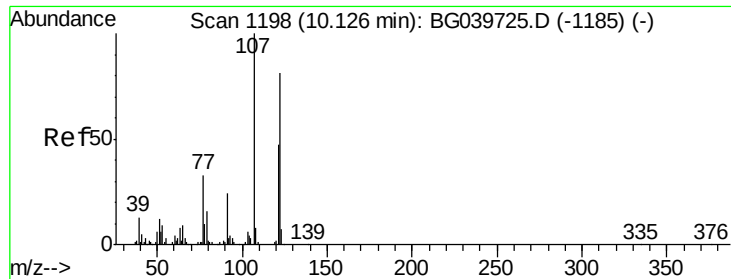
Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	139	Resp:	65570
Ion Ratio	Lower	Upper	
139	100		
109	31.4	23.4	35.0
65	52.9	44.3	66.5





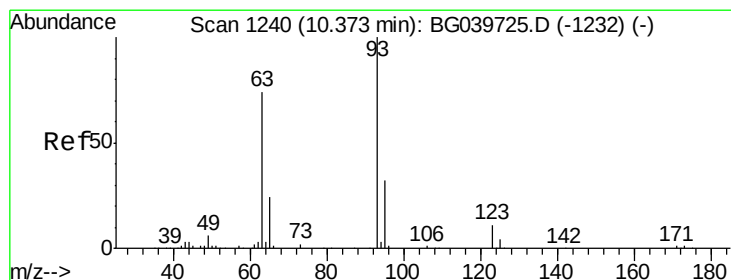
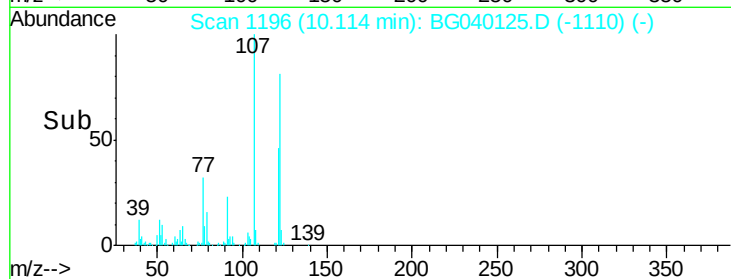
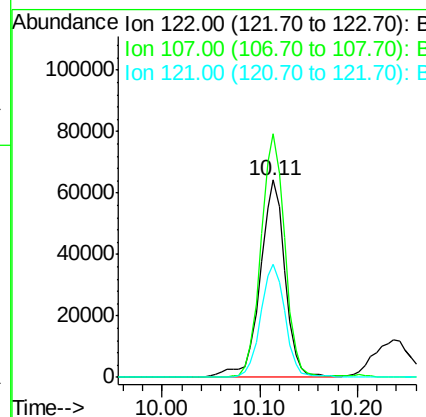
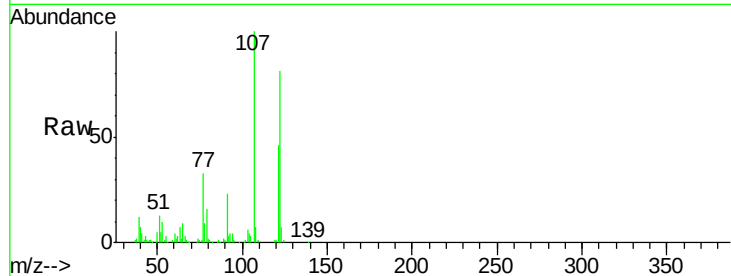
#27
 2,4-Dimethylphenol
 Concen: 49.425 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	115127		
107	123.3	91.7	137.5	
121	57.3	46.4	69.6	

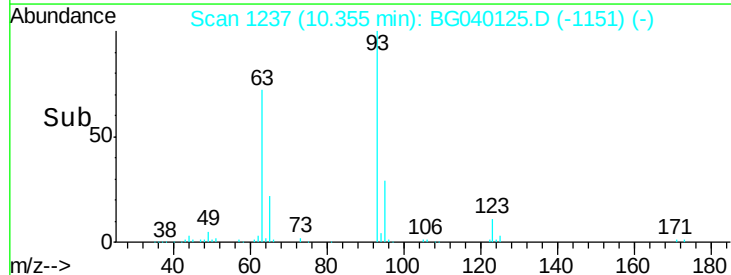
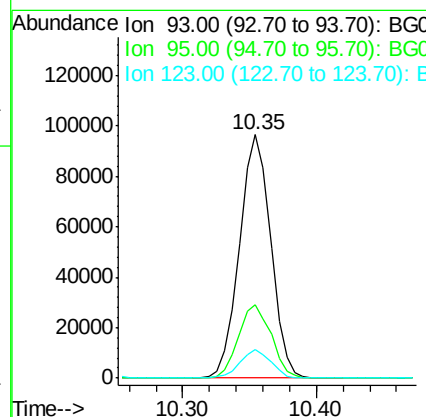
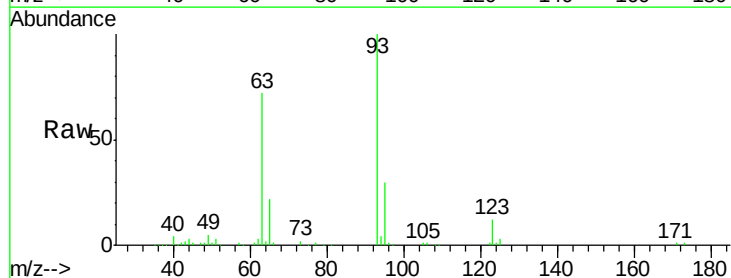
Manual Integrations
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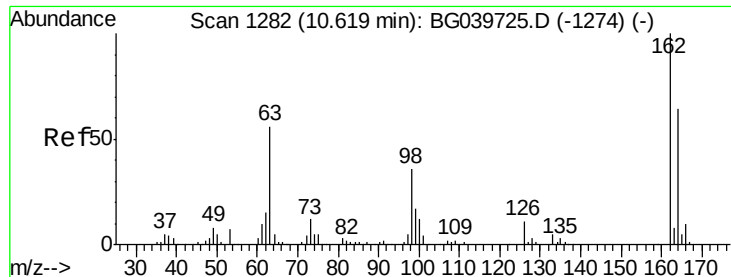
Sohil
 3/26/2019 6:22:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.529 ng
 RT: 10.35 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	156360		
95	30.3	25.0	37.4	
123	11.7	8.6	12.8	





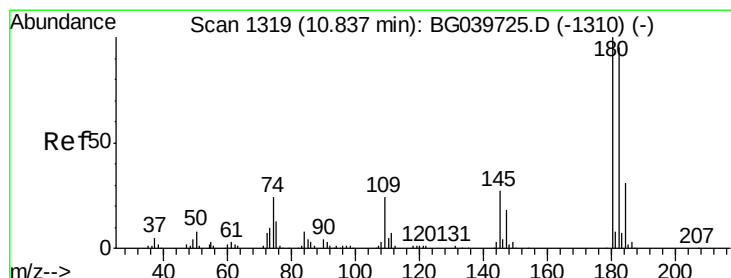
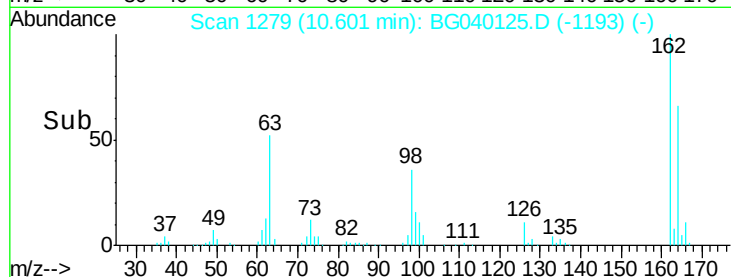
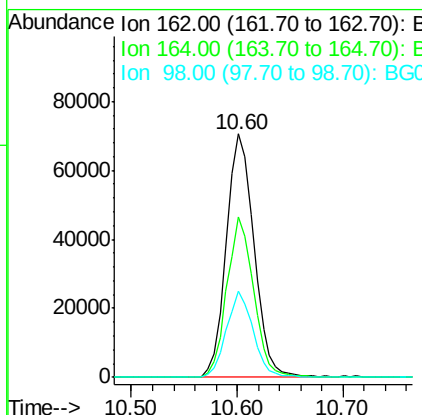
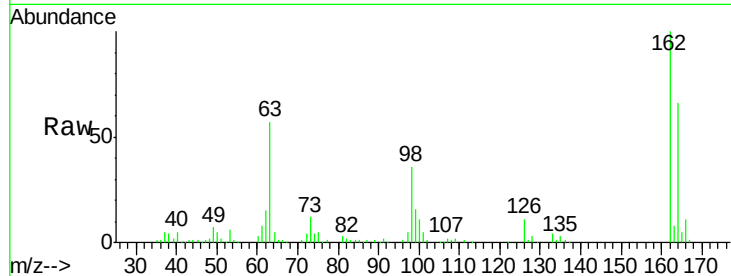
#29
 2,4-Dichlorophenol
 Concen: 49.048 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	48.1	88.1
98	35.5	18.1	58.1

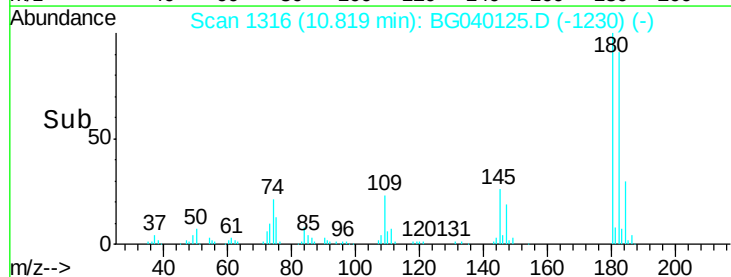
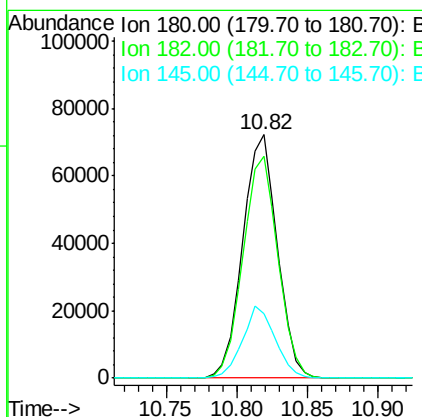
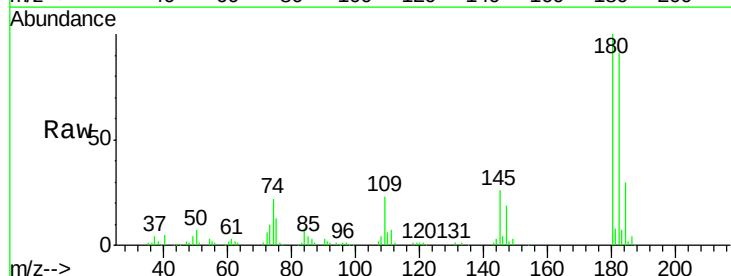
Manual Integrations
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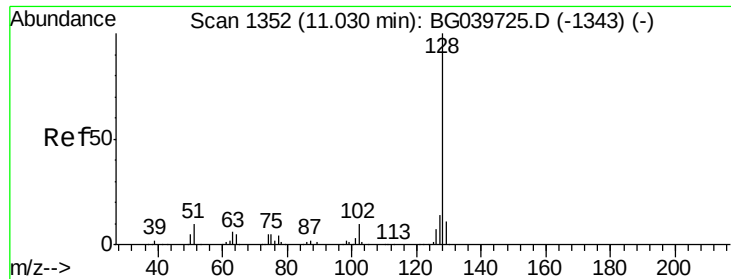
Sohil
 3/26/2019 6:22:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.831 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.0	76.0	114.0
145	26.5	22.7	34.1





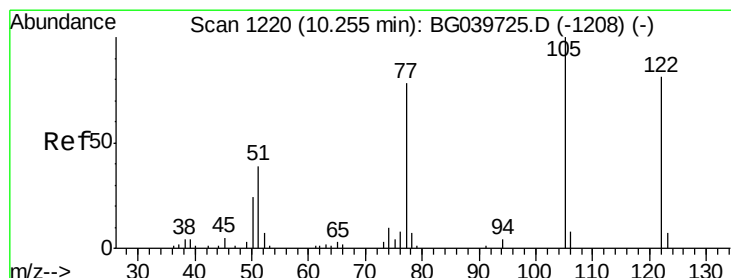
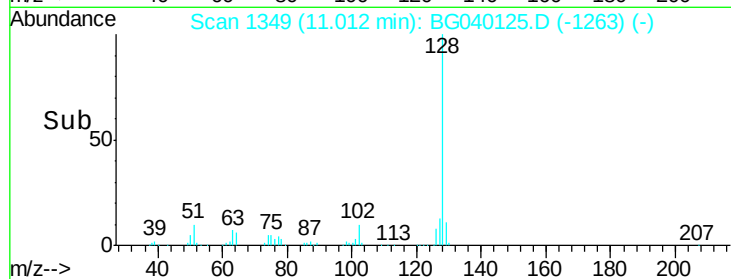
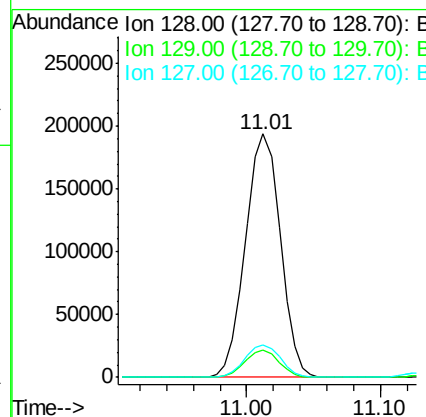
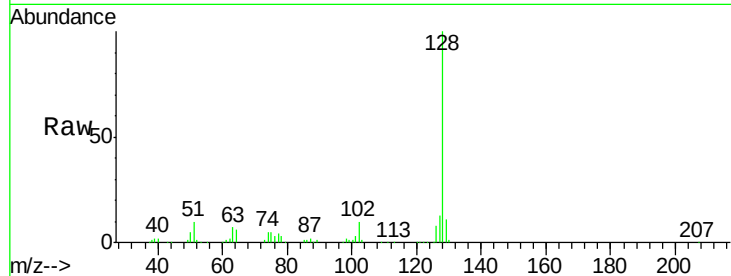
#31
Naphthalene
Concen: 41.431 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	350799		
129	11.4	8.7	13.1	
127	13.2	10.8	16.2	

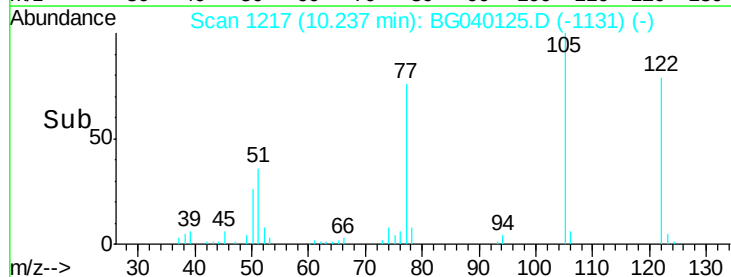
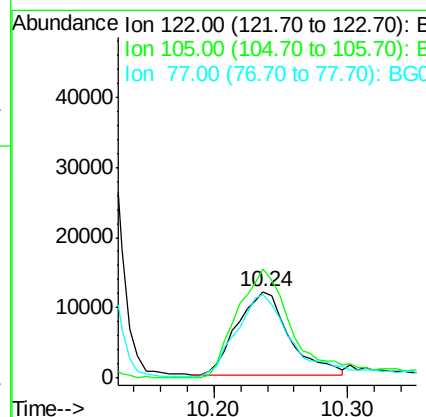
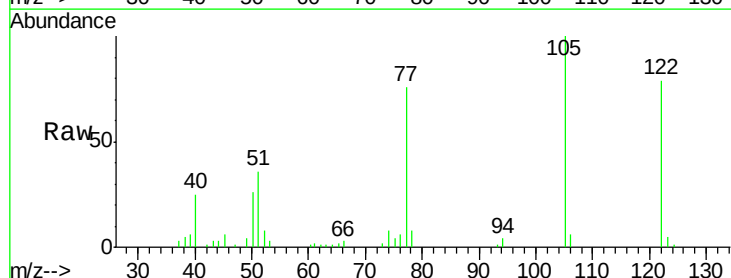
Manual Integrations
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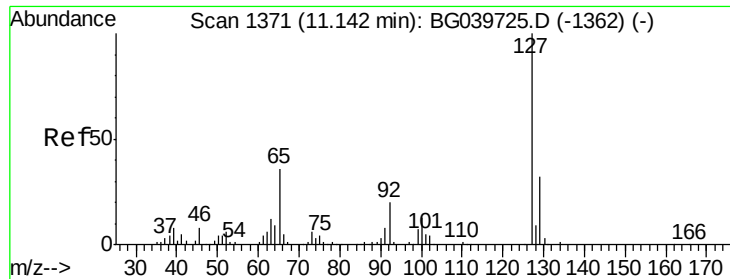
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#32
Benzoic acid
Concen: 24.247 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32725		
105	126.6	101.8	141.8	
77	96.7	76.3	116.3	





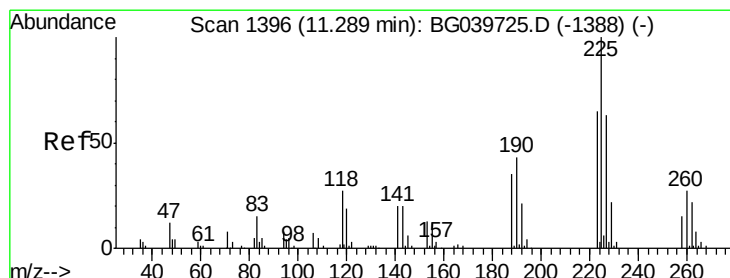
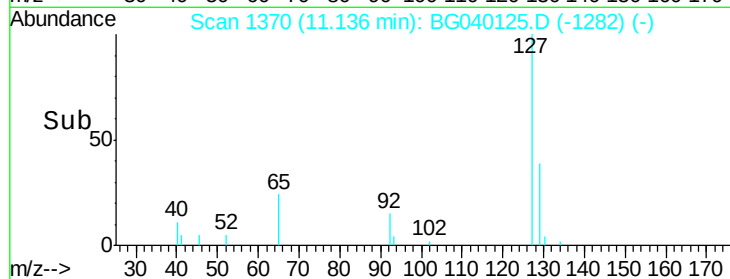
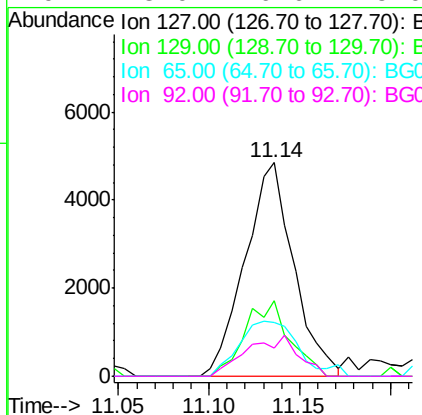
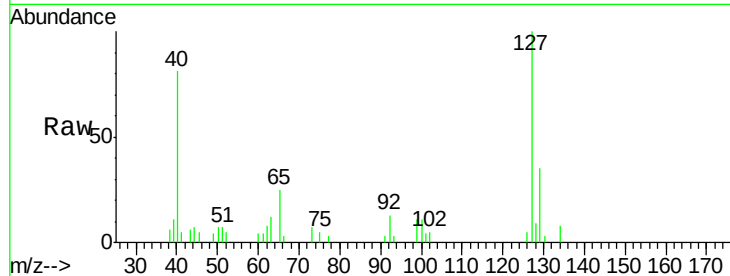
#33
4-Chloroaniline
Concen: 2.526 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	9069		
129	35.3	27.0	40.4	
65	25.1	28.8	43.2#	
92	13.0	16.6	25.0#	

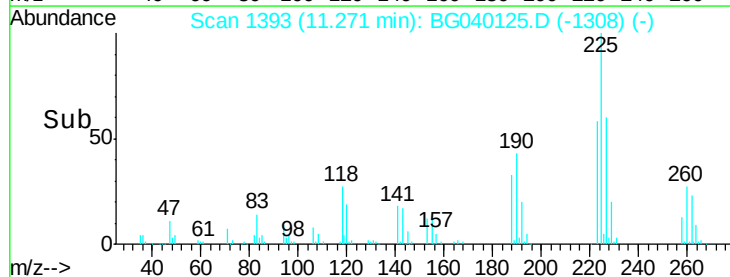
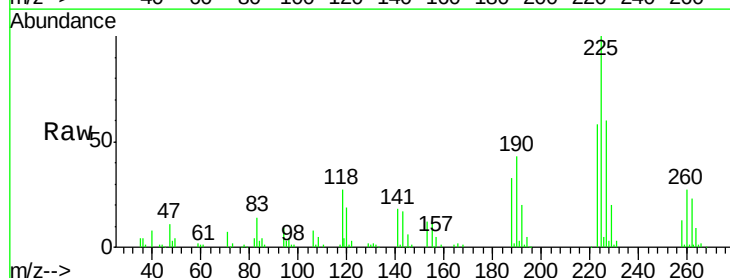
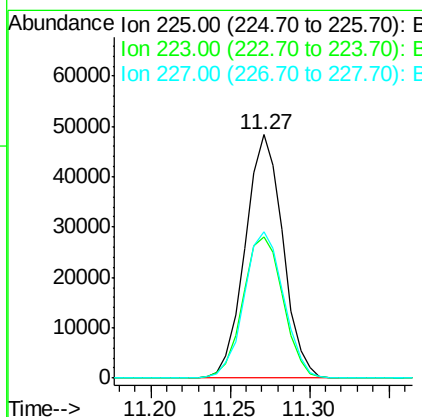
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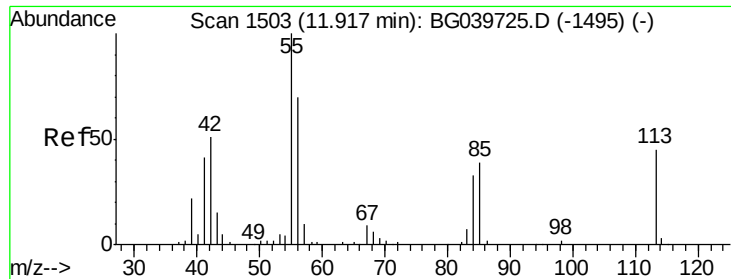
Sohil
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#34
Hexachlorobutadiene
Concen: 39.655 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79969		
223	58.2	49.0	73.6	
227	60.1	46.3	69.5	





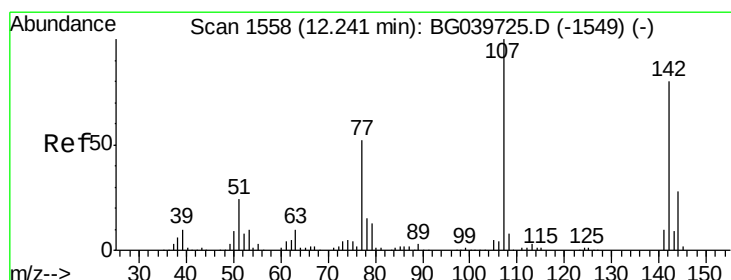
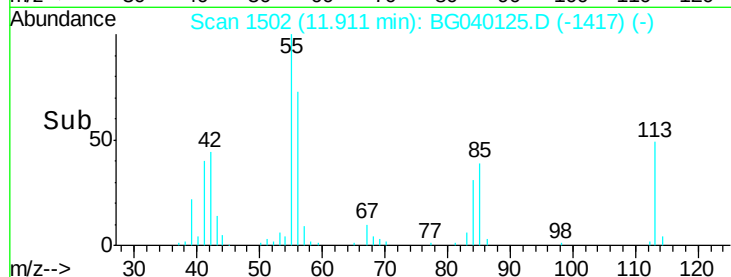
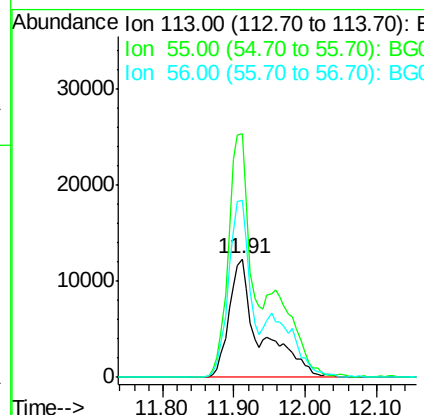
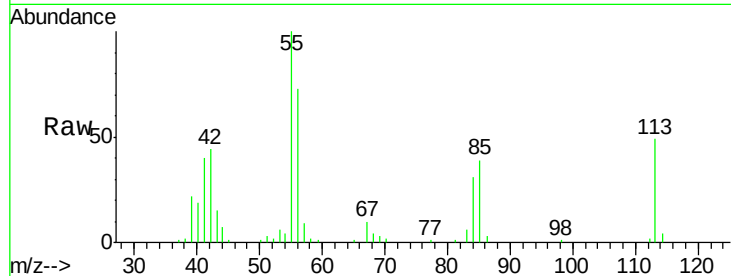
#35
 Caprolactam
 Concen: 37.466 ng m
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:113 Resp: 37534
 Ion Ratio Lower Upper
 113 100
 55 206.0 216.9 256.9#
 56 149.6 152.6 192.6#

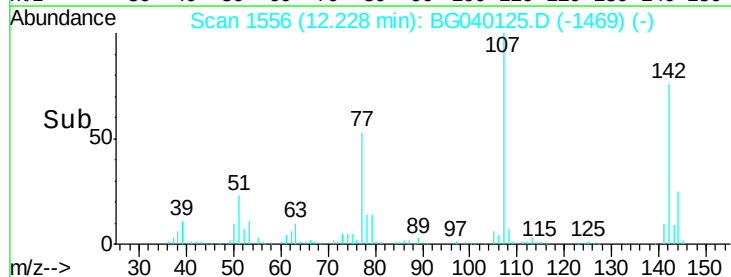
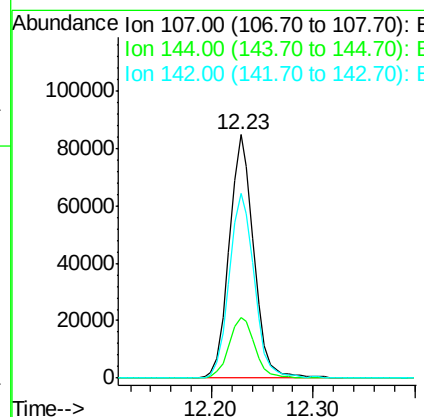
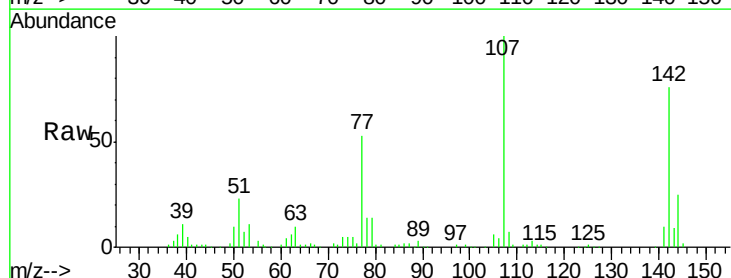
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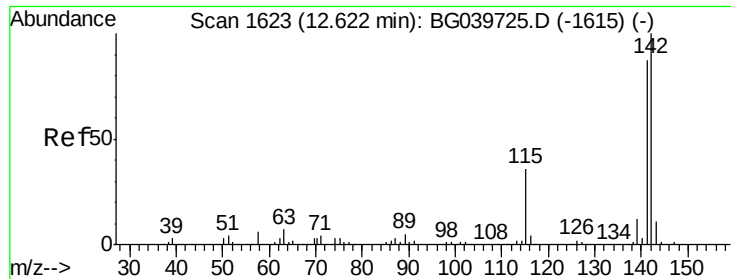
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 47.173 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:107 Resp: 141818
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 76.1 61.4 92.2





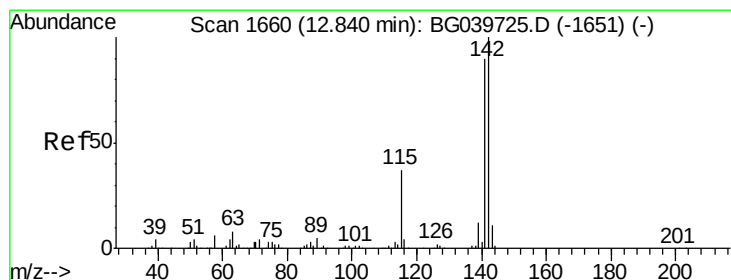
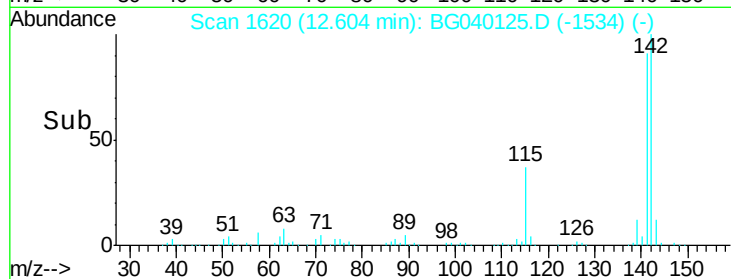
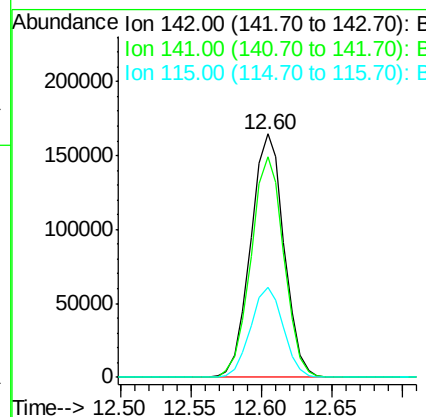
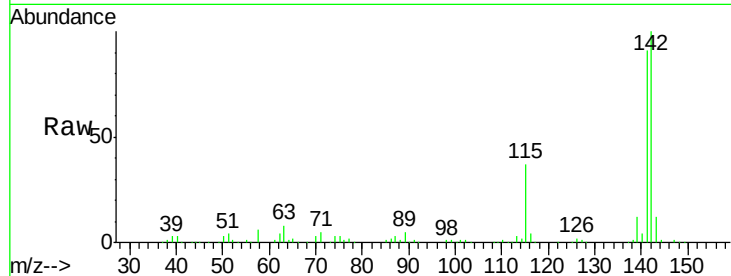
#37
 2-Methylnaphthalene
 Concen: 43.124 ng
 RT: 12.60 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	37.1	30.8	46.2

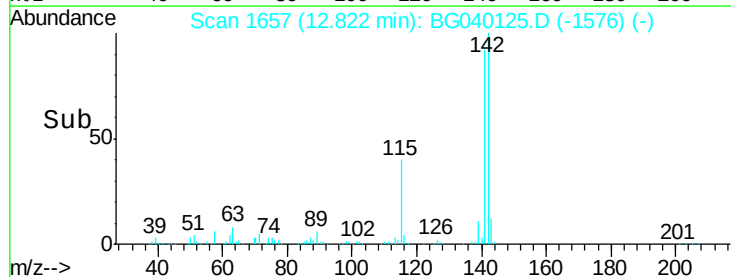
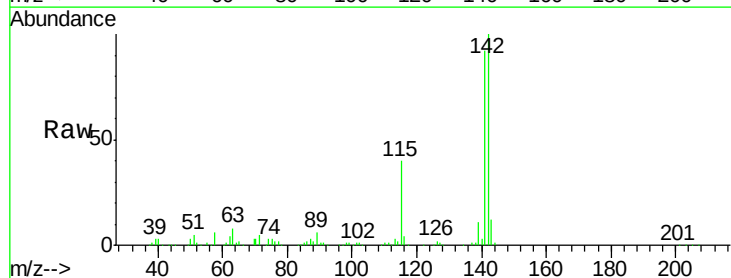
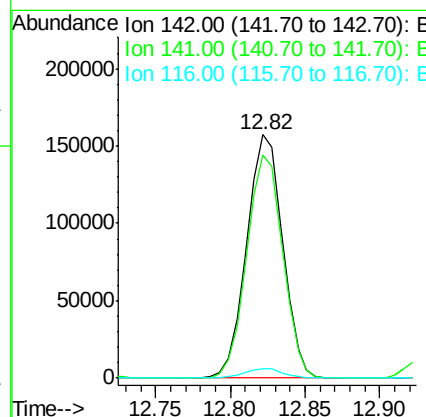
Manual Integrations
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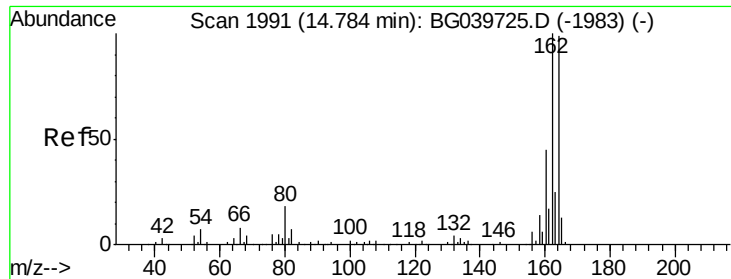
Sohil
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#38
 1-Methylnaphthalene
 Concen: 42.495 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	4.1	3.0	4.6





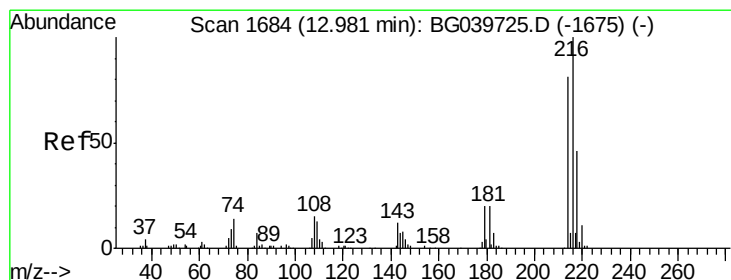
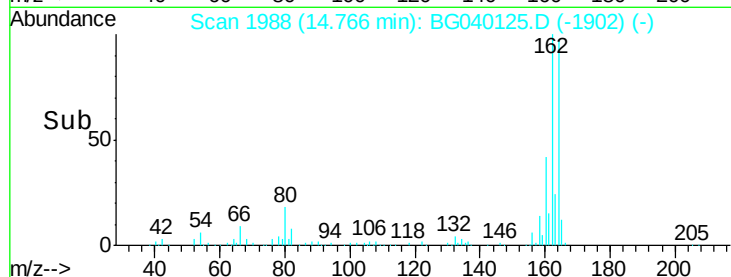
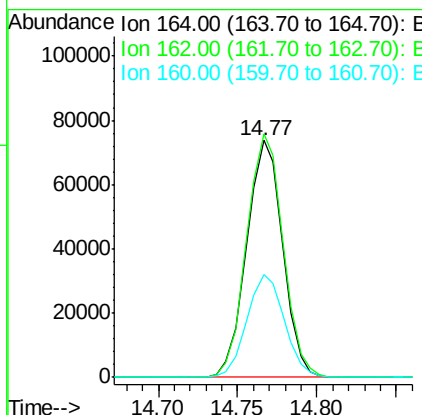
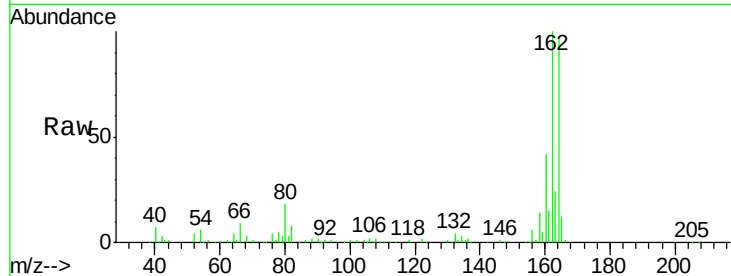
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116124		
162	102.8	81.6	122.4	
160	43.5	34.2	51.2	

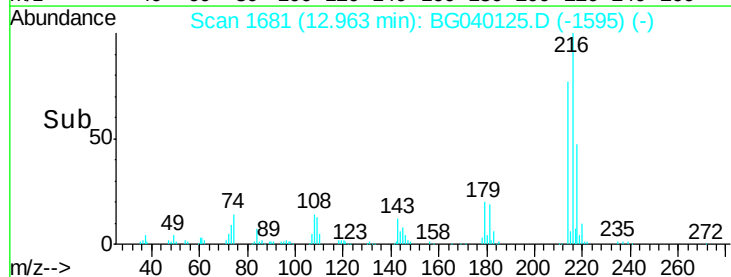
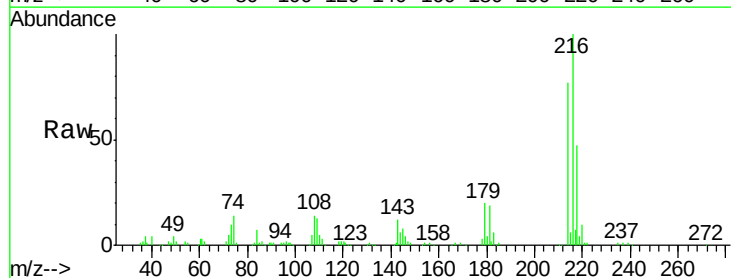
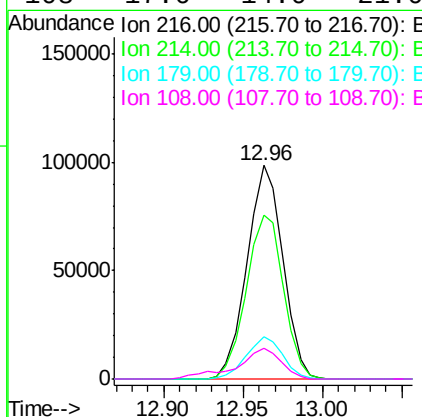
Manual Integrations
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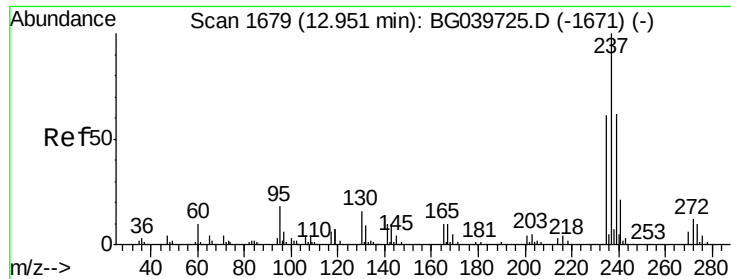
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.379 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	154916		
214	79.6	62.6	94.0	
179	20.1	16.6	25.0	
108	17.6	14.0	21.0	





#41

Hexachlorocyclopentadiene

Concen: 84.290 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

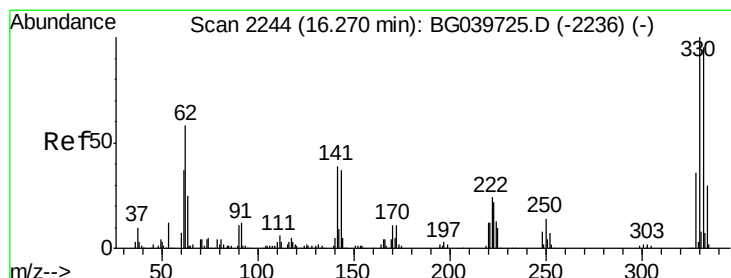
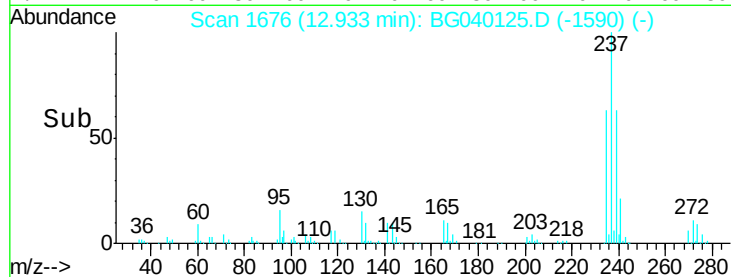
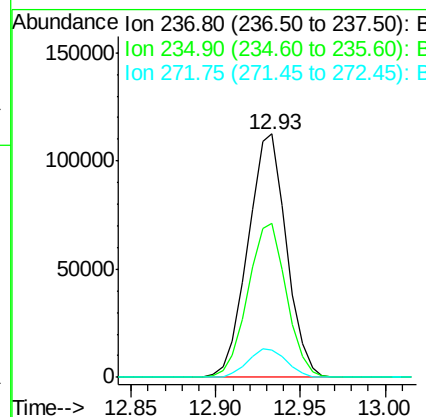
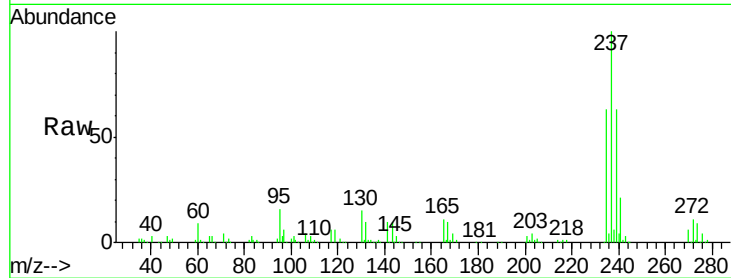
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	237	Resp:	177704
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	11.5	0.0	32.3

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 151.127 ng

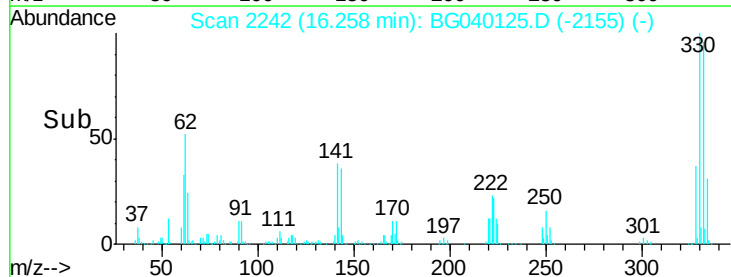
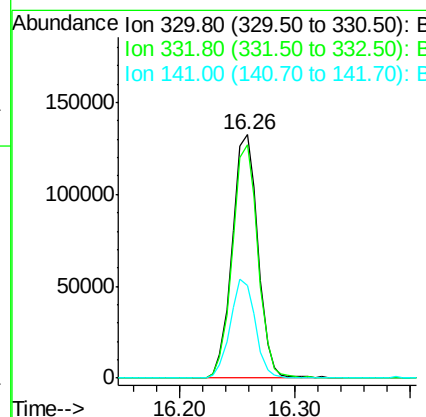
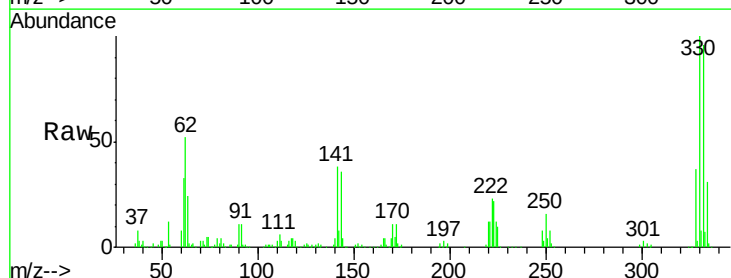
RT: 16.26 min Scan# 2242

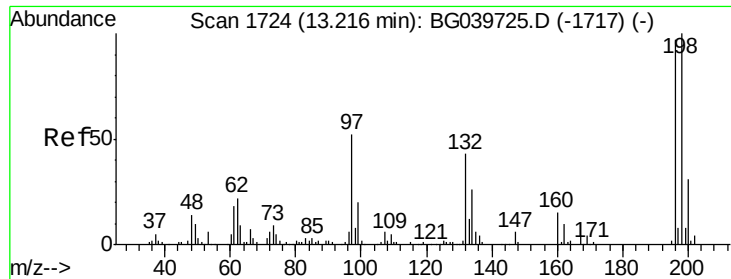
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

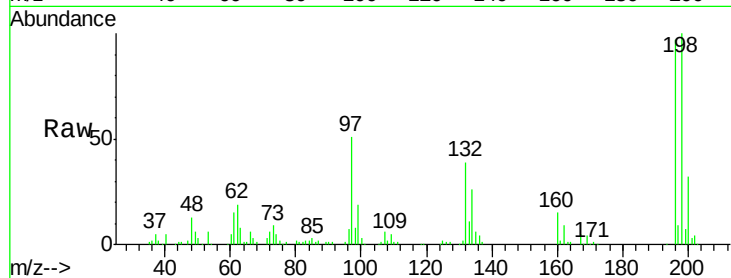
Tgt Ion:	330	Resp:	204552
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	39.4	35.6	53.4





#43
 2,4,6-Trichlorophenol
 Concen: 47.768 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

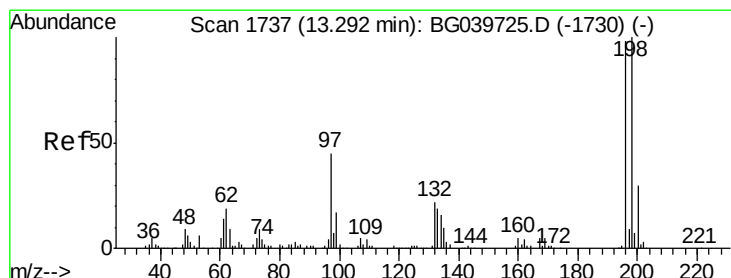
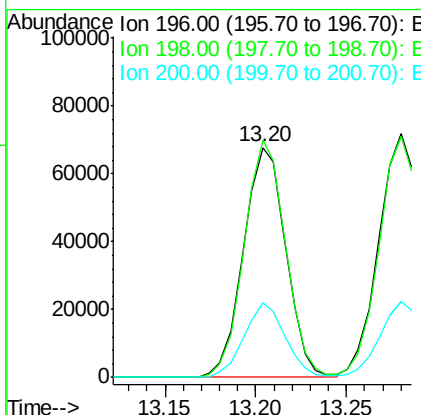
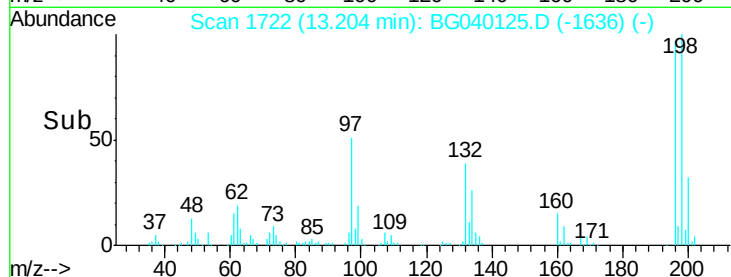
Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD



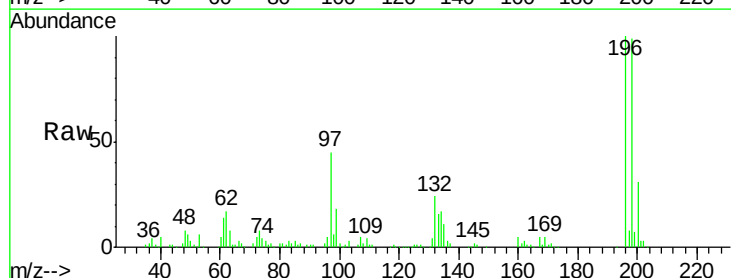
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110018		
198	103.3	80.6	121.0	
200	32.8	26.1	39.1	

Manual Integrations
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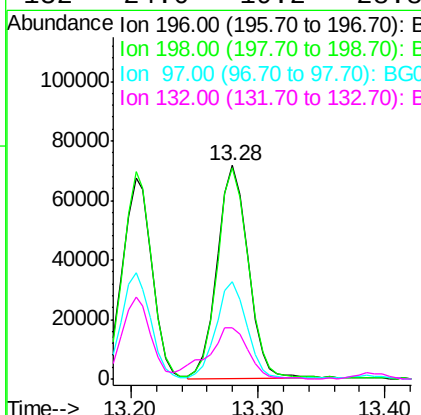
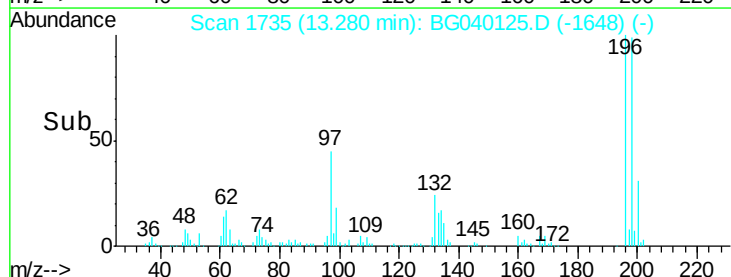
Sohil
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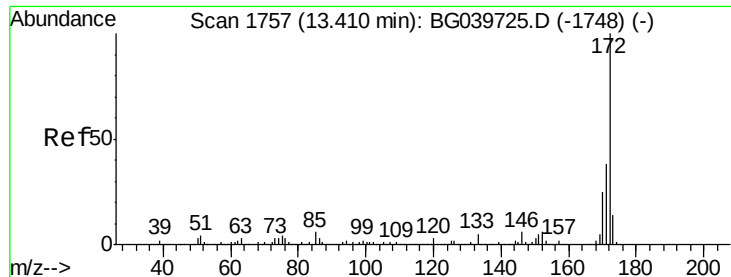


#44
 2,4,5-Trichlorophenol
 Concen: 46.863 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121661		
198	98.8	78.5	117.7	
97	45.3	38.4	57.6	
132	24.0	19.2	28.8	





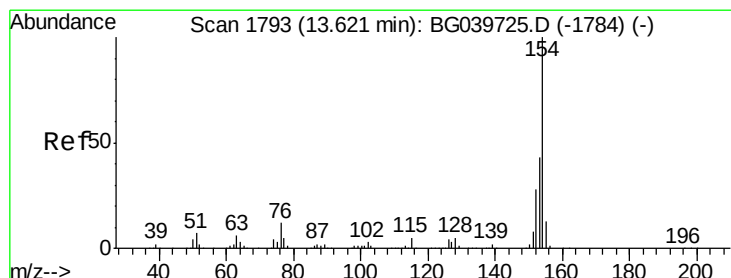
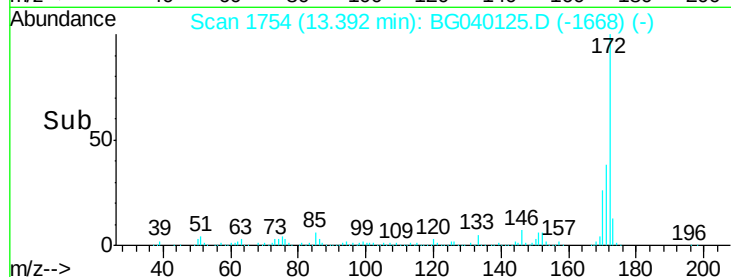
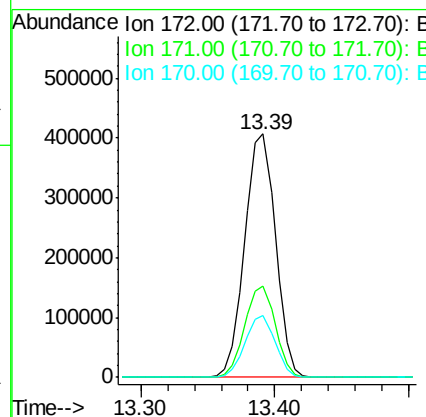
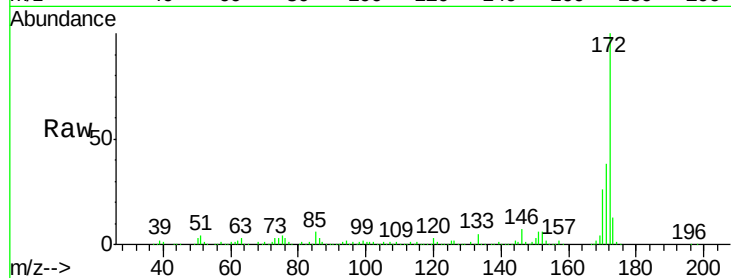
#45
 2-Fluorobiphenyl
 Concen: 79.440 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	37.6	30.8	46.2
170	25.5	20.2	30.4

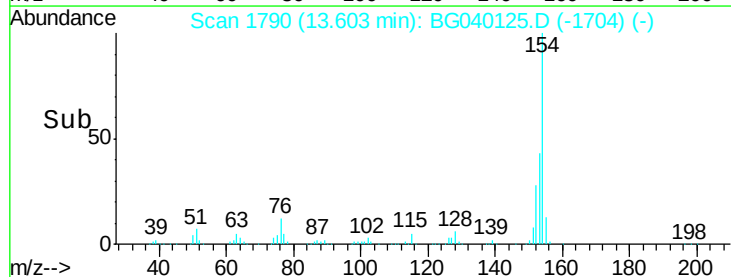
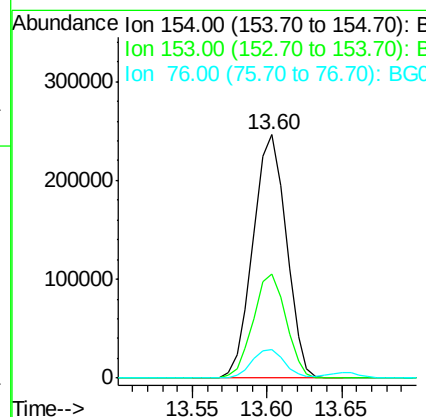
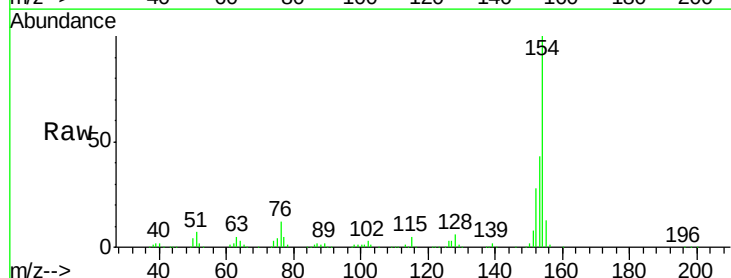
Manual Integrations
 APPROVED

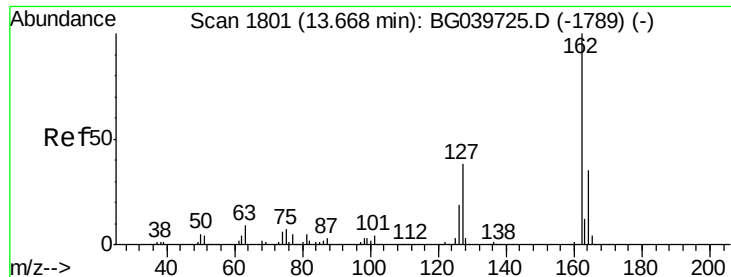
Sohil
 3/26/2019 6:22:34 PM



#46
 1,1'-Biphenyl
 Concen: 39.700 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.8	22.1	62.1
76	11.8	0.0	32.4





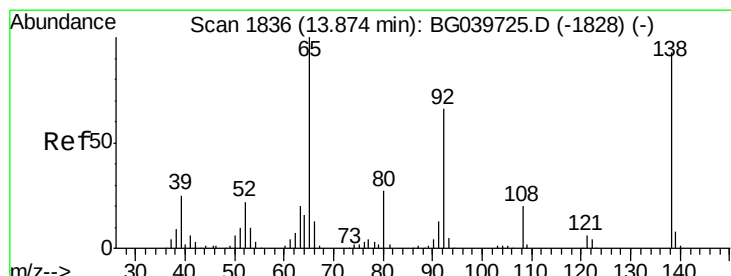
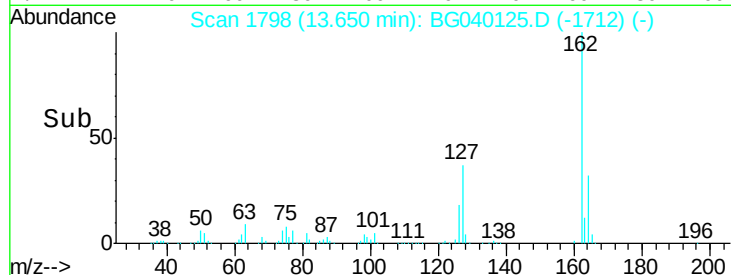
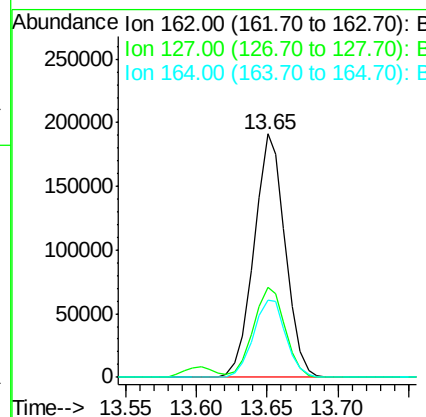
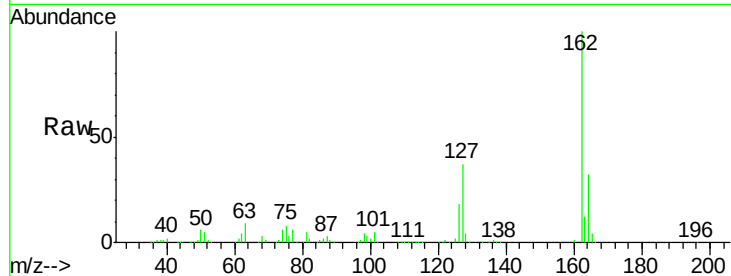
#47
 2-Chloronaphthalene
 Concen: 41.042 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	294897		
127	36.9	31.0	46.6	
164	31.9	25.7	38.5	

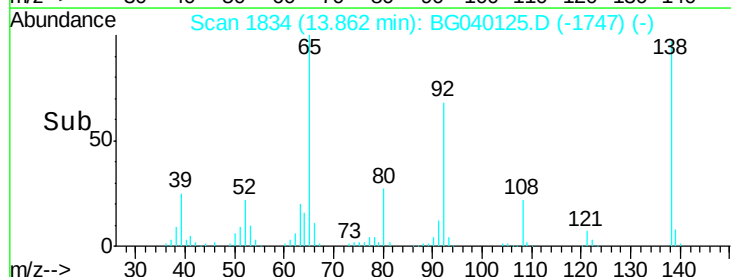
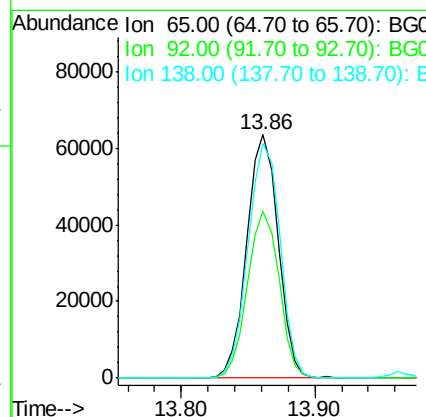
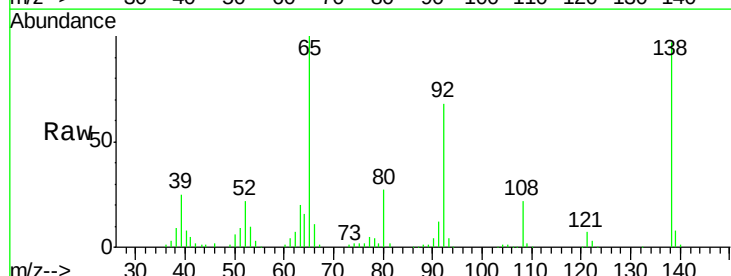
Manual Integrations
 APPROVED

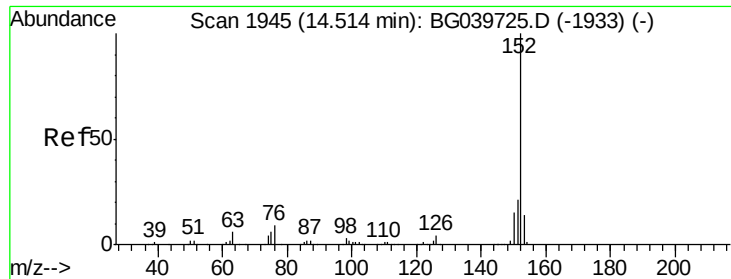
Sohil
 3/26/2019 6:22:34 PM



#48
 2-Nitroaniline
 Concen: 44.649 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	103099		
92	68.3	51.4	77.2	
138	96.6	71.4	107.2	





#49

Acenaphthylene

Concen: 41.218 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

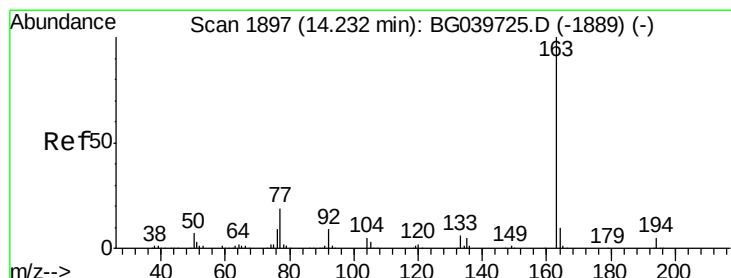
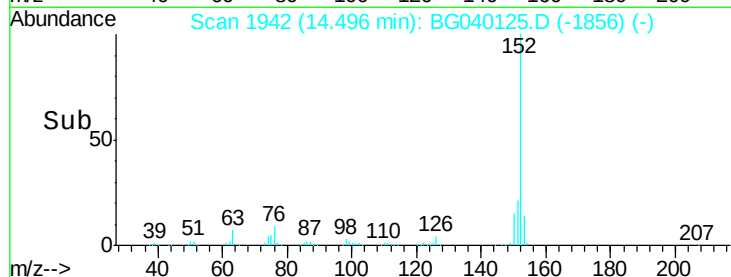
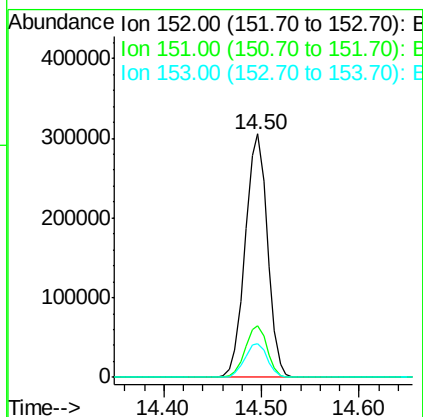
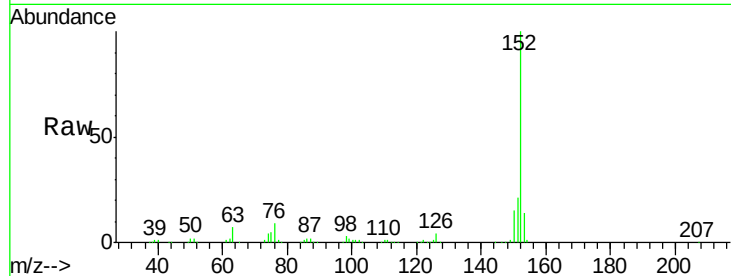
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	152	Resp:	486176
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.8	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.580 ng

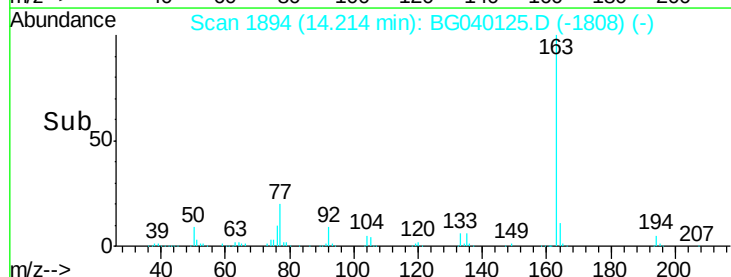
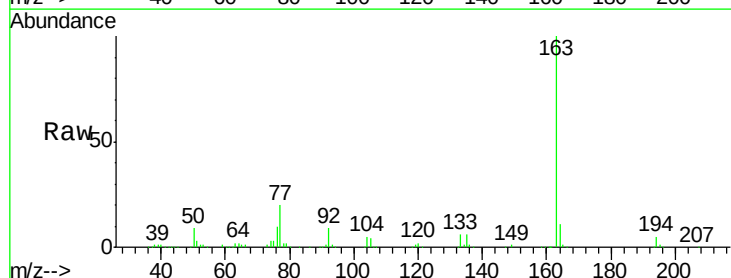
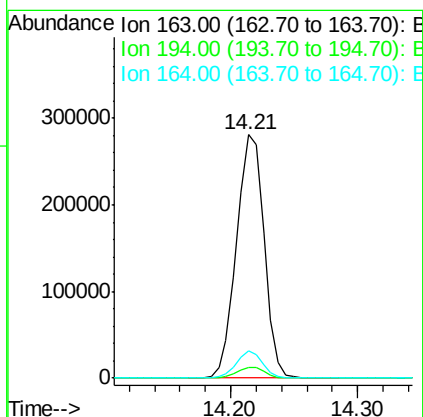
RT: 14.21 min Scan# 1894

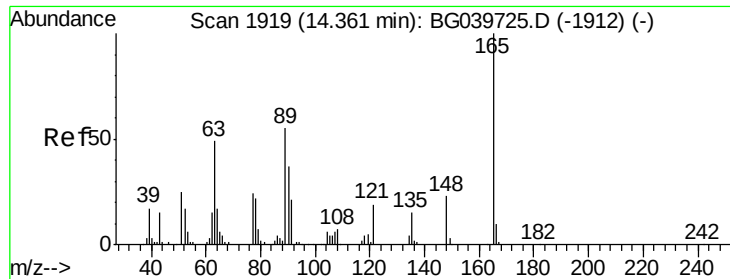
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	163	Resp:	423167
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	11.1	8.4	12.6





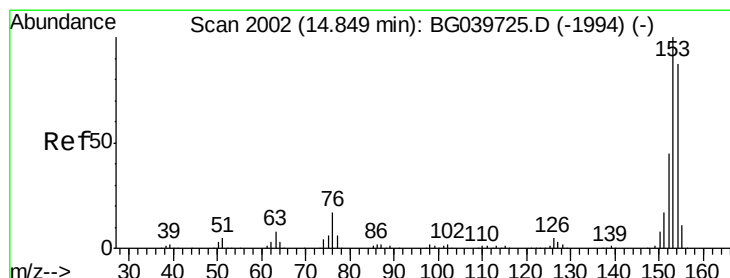
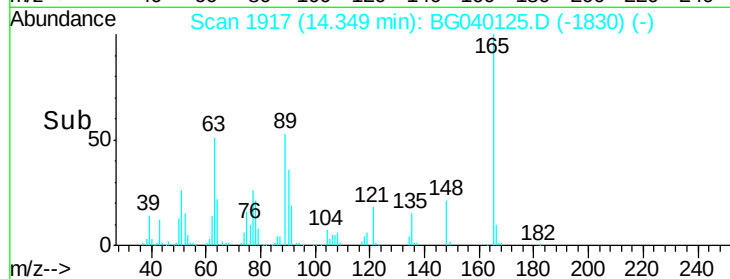
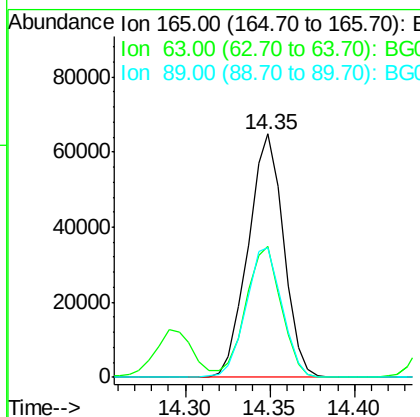
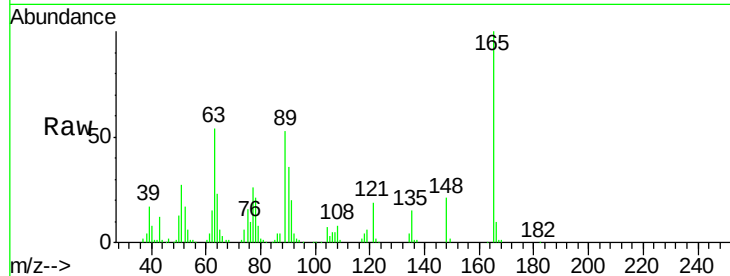
#51
 2,6-Dinitrotoluene
 Concen: 45.947 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94583		
63	53.6	47.0	70.6	
89	53.3	45.8	68.8	

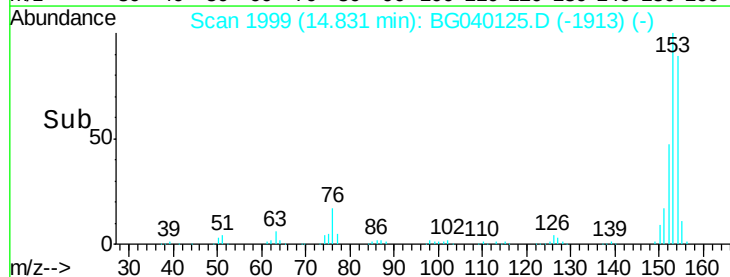
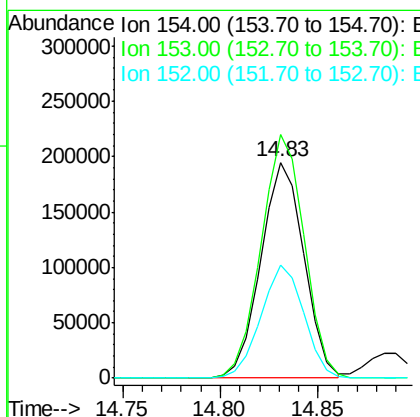
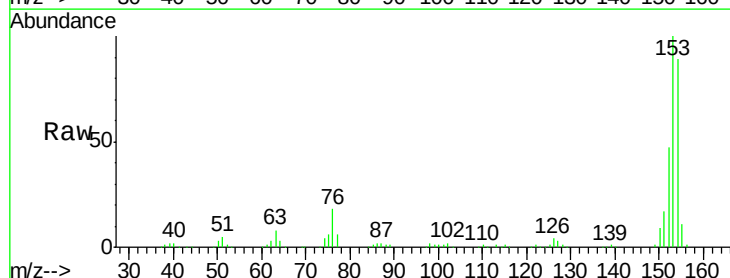
Manual Integrations
 APPROVED

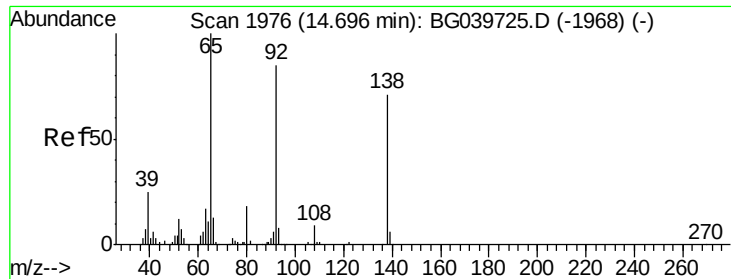
Sohil
 3/26/2019 6:22:34 PM



#52
 Acenaphthene
 Concen: 41.900 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	297461		
153	112.8	90.1	135.1	
152	52.5	40.9	61.3	





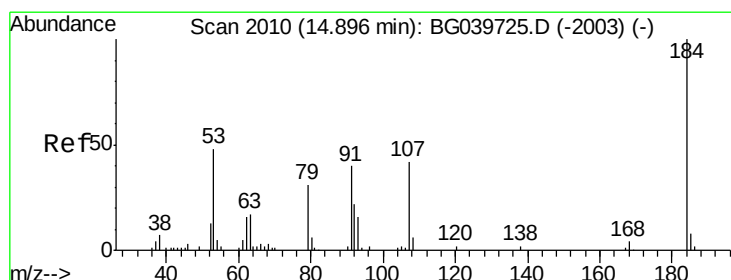
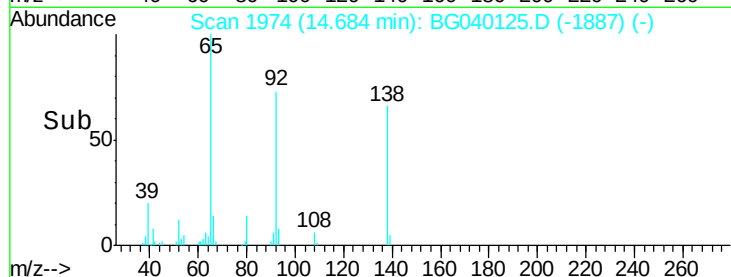
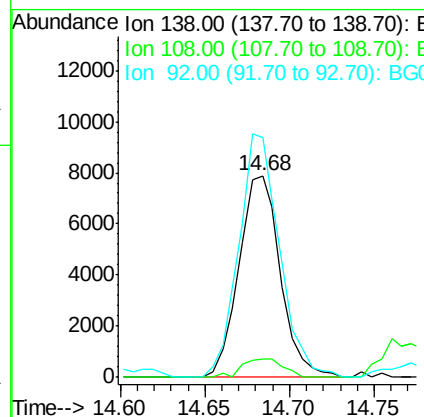
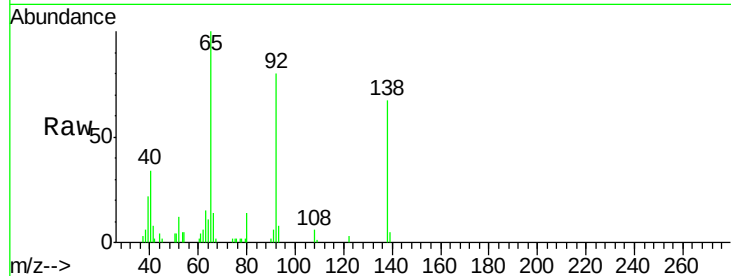
#53
 3-Nitroaniline
 Concen: 6.487 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion:138 Resp: 13423
 Ion Ratio Lower Upper
 138 100
 108 9.4 13.8 20.8#
 92 119.1 103.7 155.5

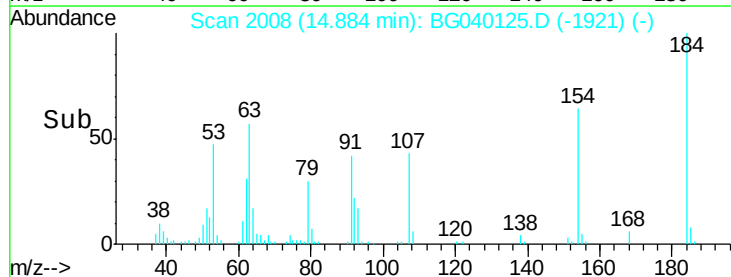
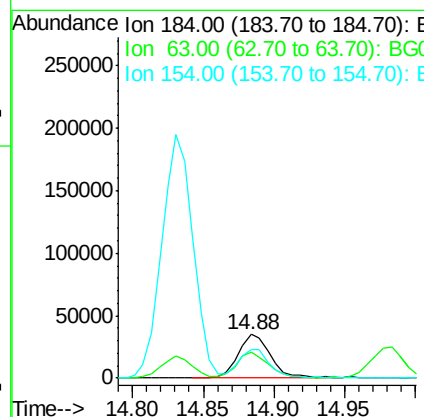
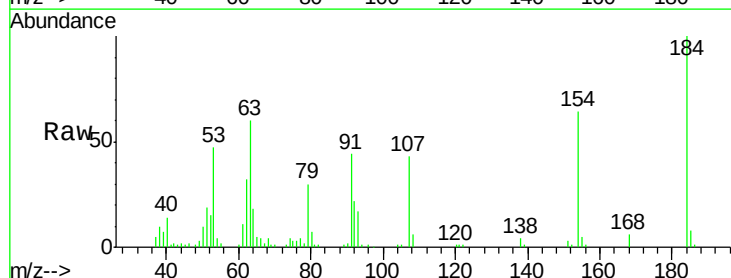
Manual Integrations
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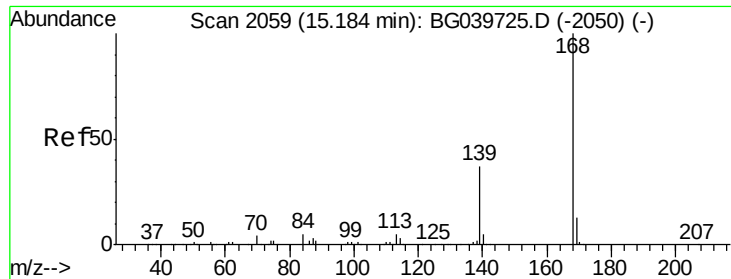
Sohil
 3/26/2019 6:22:34 PM



#54
 2,4-Dinitrophenol
 Concen: 45.767 ng
 RT: 14.88 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:184 Resp: 56288
 Ion Ratio Lower Upper
 184 100
 63 59.9 50.9 76.3
 154 64.3 53.0 79.6





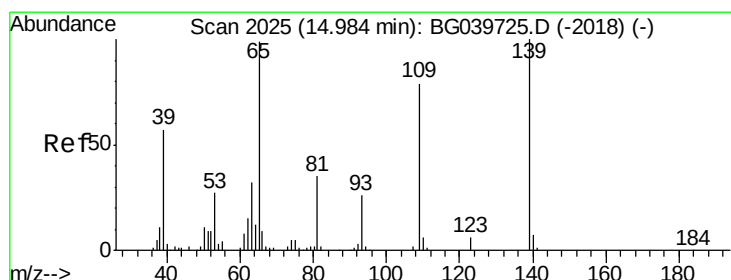
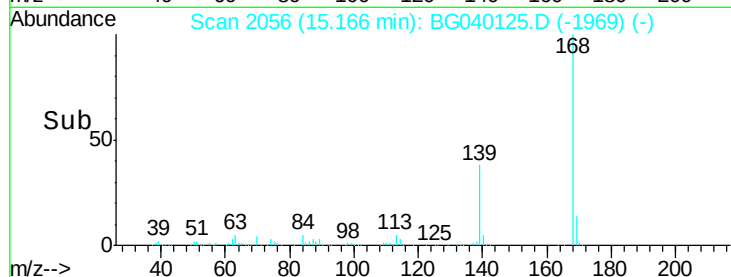
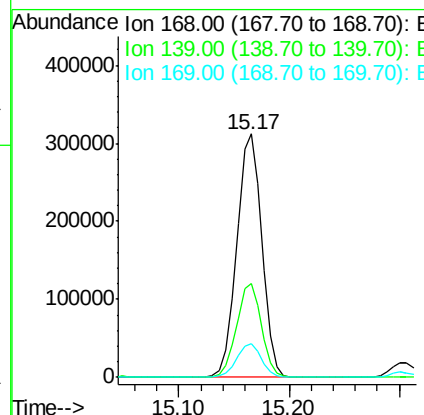
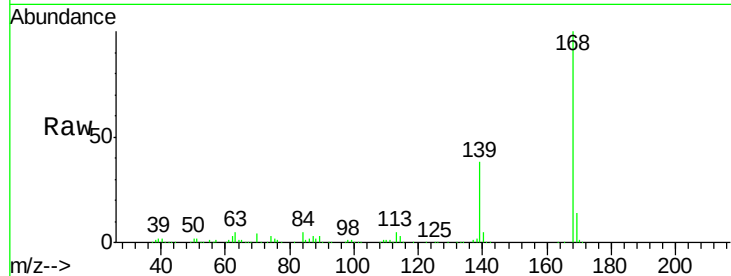
#55
Dibenzenofuran
Concen: 42.518 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	495232		
139	38.4	30.1	45.1	
169	13.7	10.6	16.0	

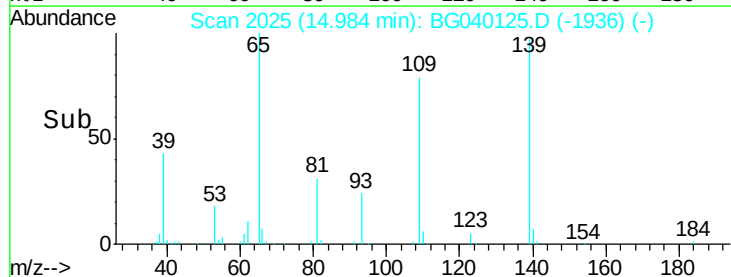
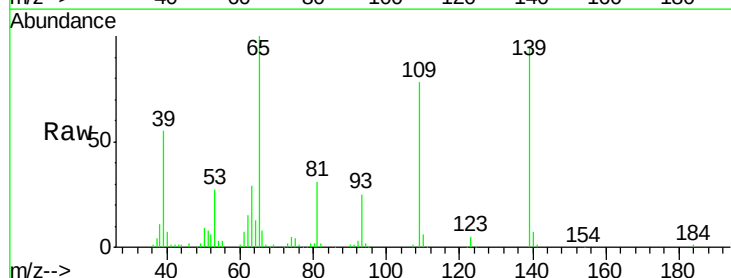
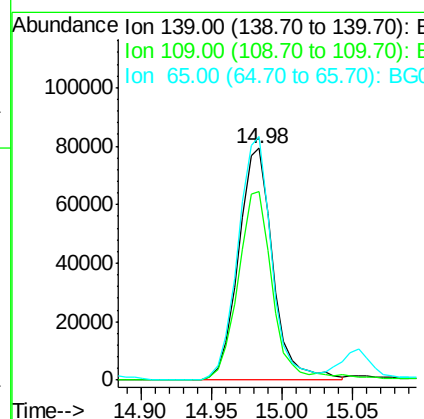
Manual Integrations
APPROVED

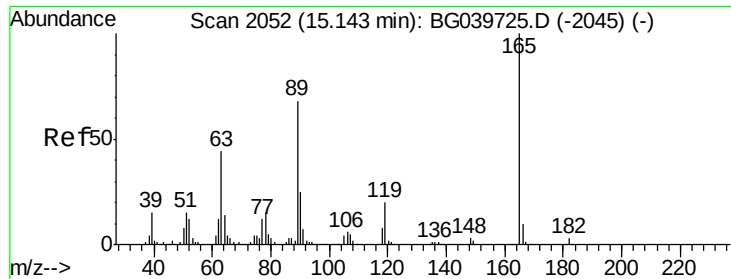
Sohil
3/26/2019 6:22:34 PM



#56
4-Nitrophenol
Concen: 72.961 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135056		
109	81.5	61.9	101.9	
65	105.1	99.1	139.1	





#57

2,4-Dinitrotoluene

Concen: 47.721 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

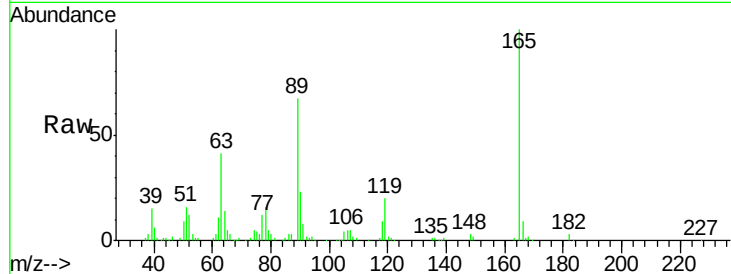
ClientSampled :

S4B(2-10)MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		138031		
63	41.2	41.0	61.6		
89	66.8	64.6	96.8		
182	2.9	2.0	3.0		

Manual Integrations
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Sohil
3/26/2019 6:22:34 PM

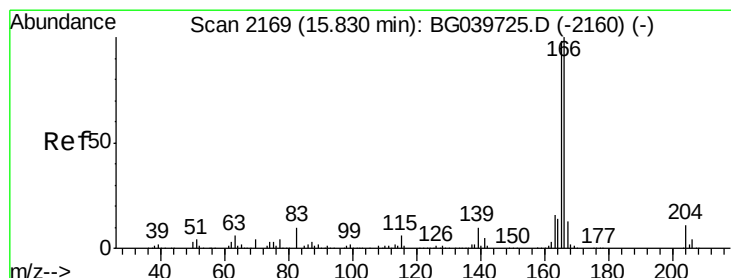
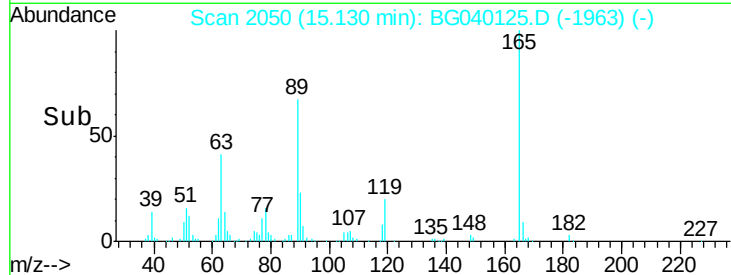
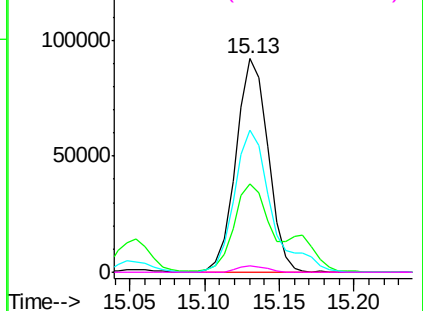


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.477 ng

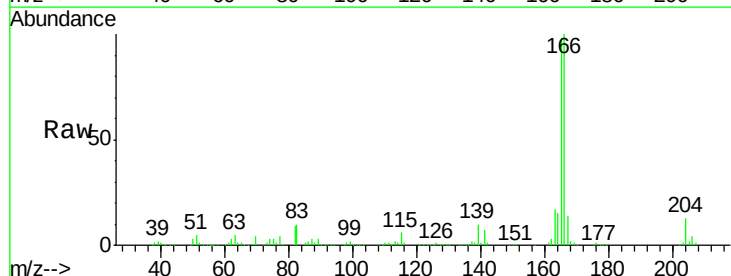
RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

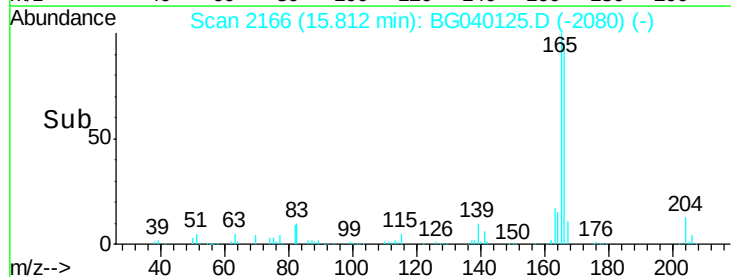
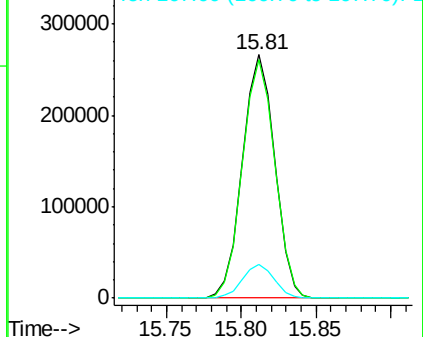
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		398106		
165	98.2	77.9	116.9		
167	13.7	10.8	16.2		

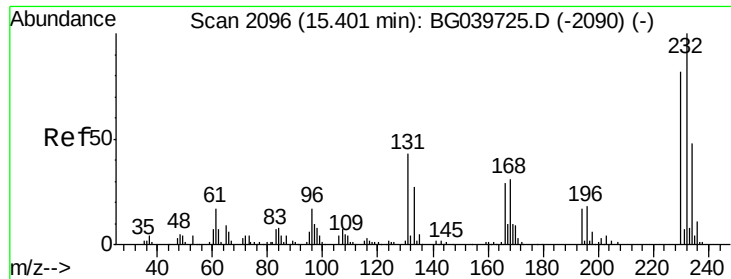


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





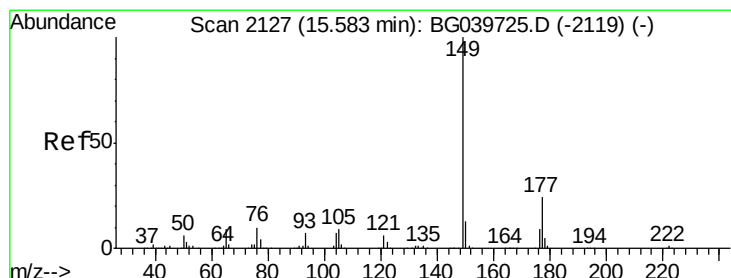
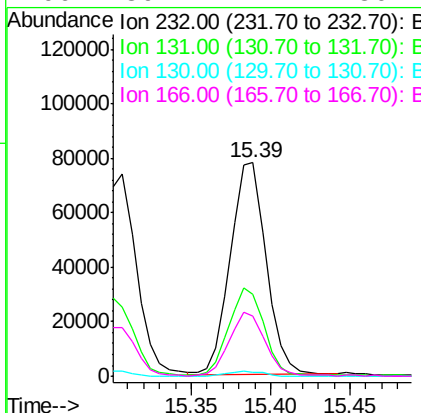
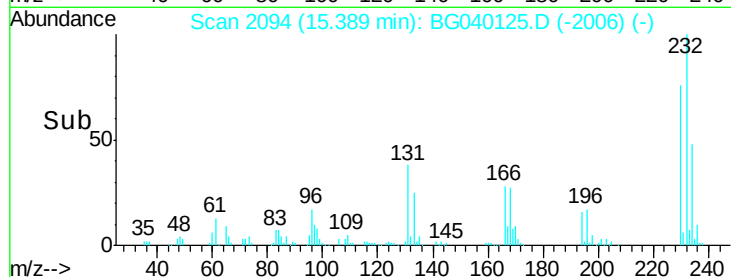
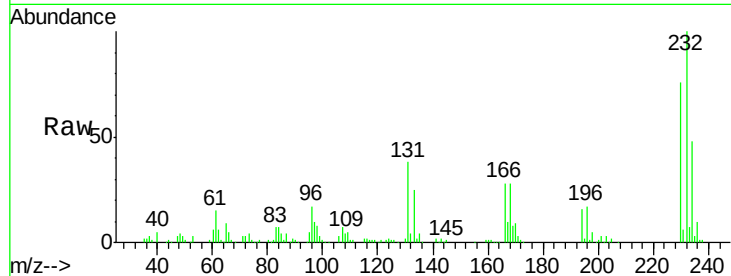
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.500 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	122968		
131	40.4	34.9	52.3	
130	2.3	2.0	3.0	
166	30.1	24.1	36.1	

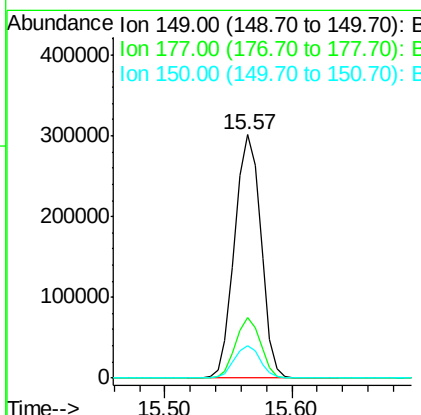
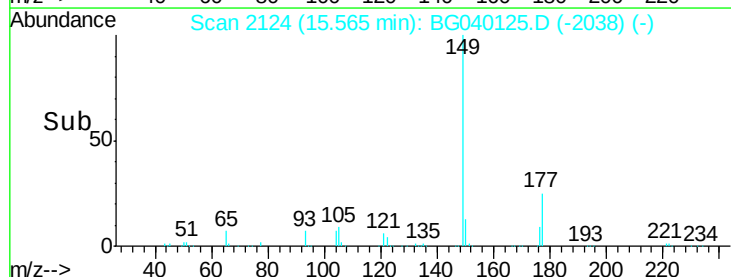
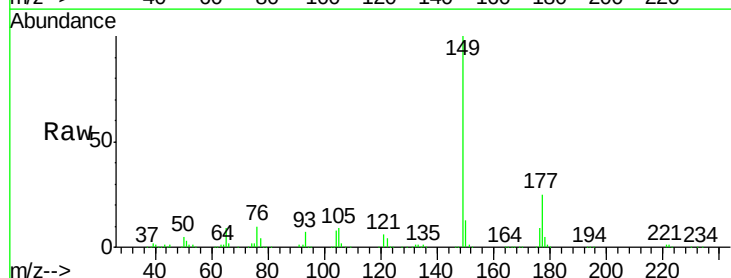
Manual Integrations
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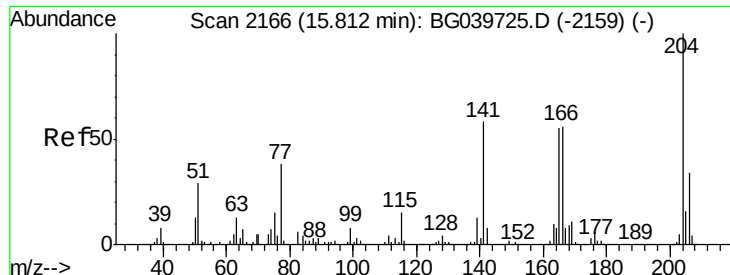
Sohil
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#60
 Diethylphthalate
 Concen: 44.836 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	430980		
177	24.9	18.3	27.5	
150	13.1	10.2	15.2	





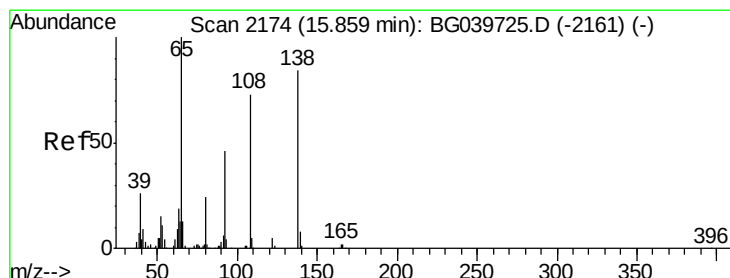
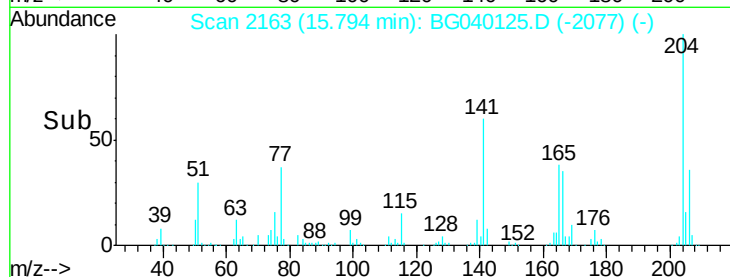
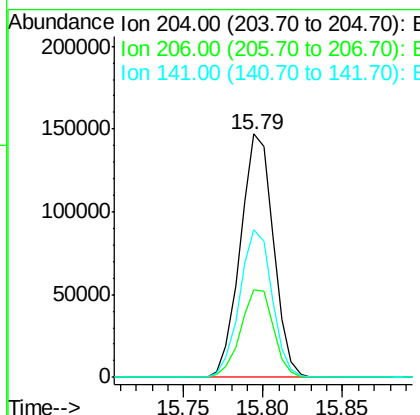
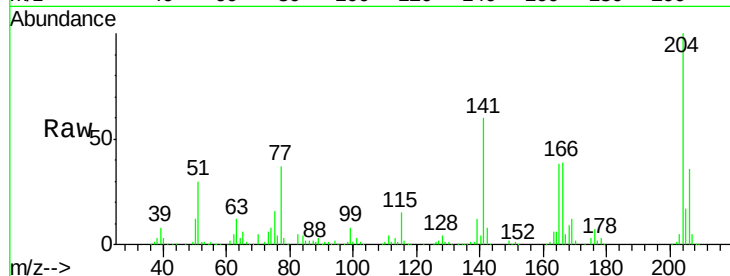
#61
 4-Chlorophenyl-phenylether
 Concen: 43.519 ng
 RT: 15.79 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	29.2	43.8
141	60.4	49.0	73.4

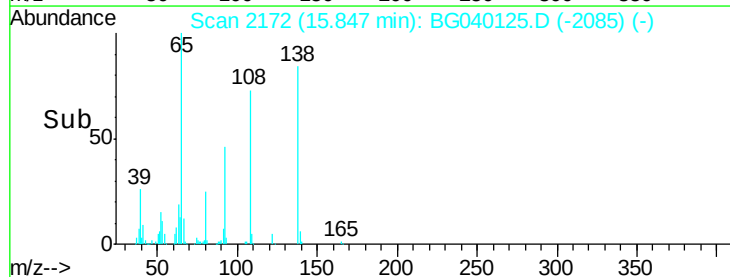
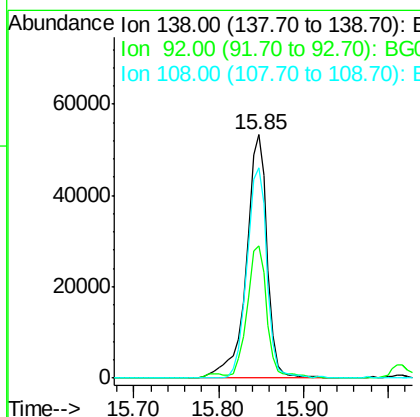
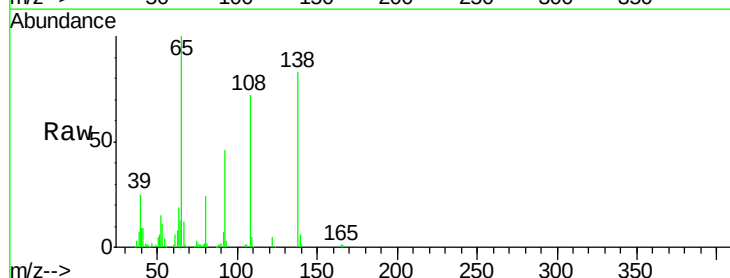
Manual Integrations
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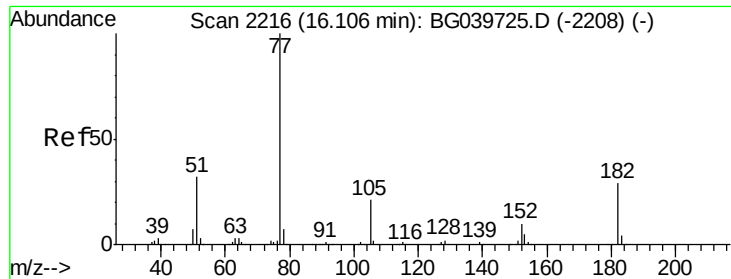
Sohil
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#62
 4-Nitroaniline
 Concen: 40.949 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

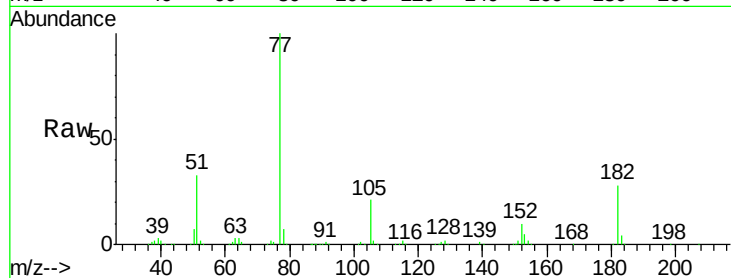
Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	38.7	78.7
108	86.2	74.6	114.6





#63
Azobenzene
Concen: 43.144 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

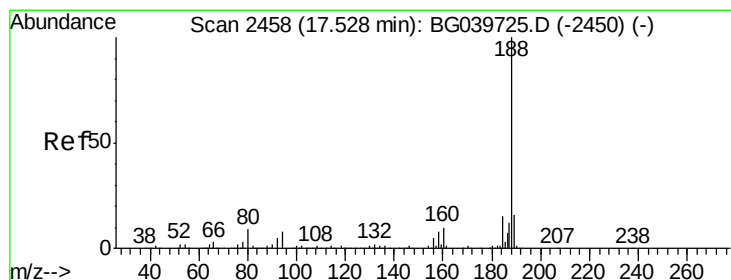
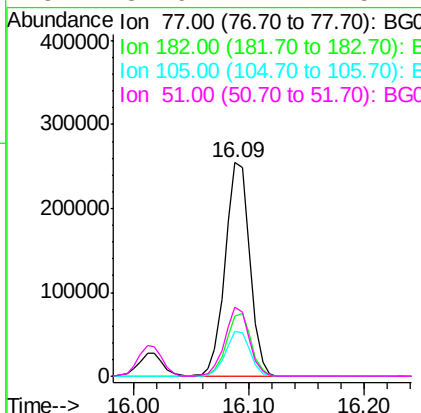
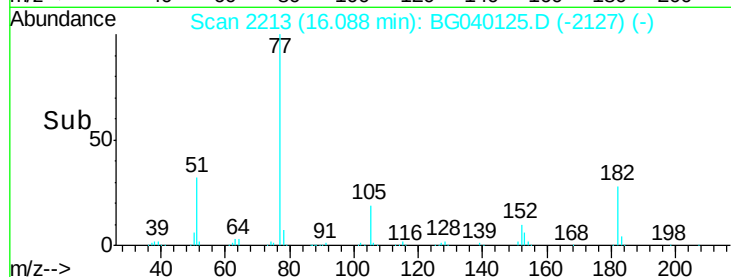
Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	28.1	6.4	46.4
105	20.8	0.0	39.8
51	32.6	14.1	54.1

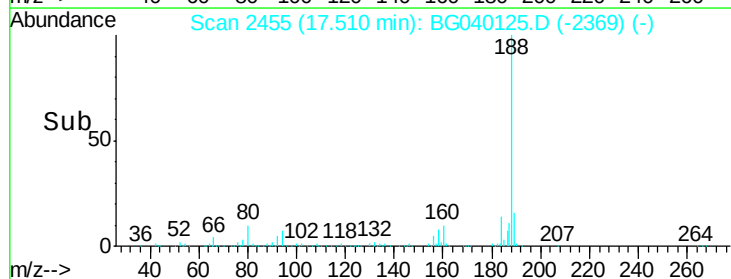
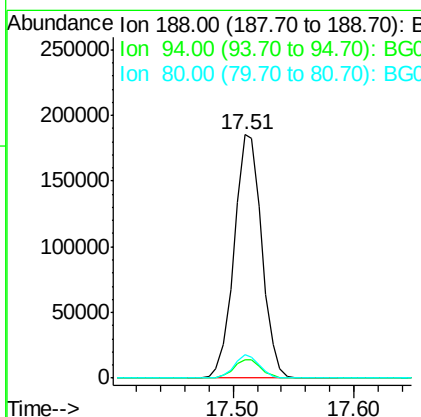
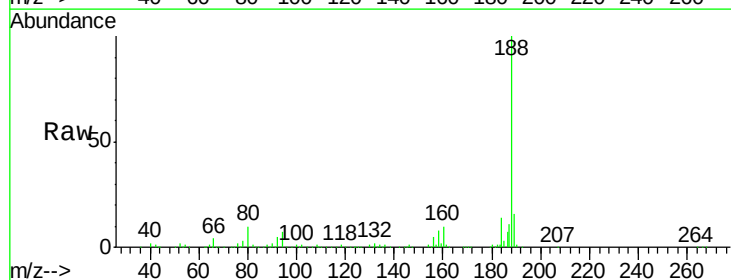
Manual Integrations
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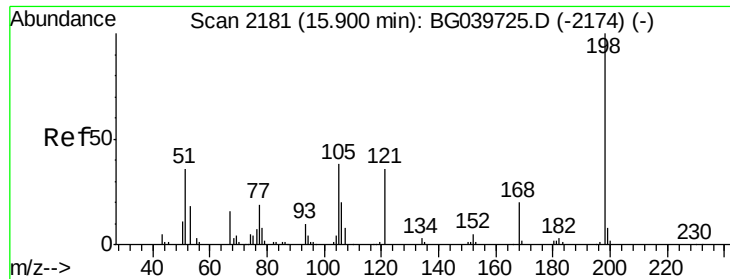
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	6.9	10.3
80	9.5	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.139 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

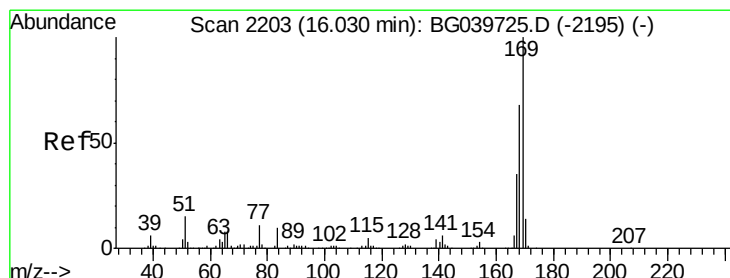
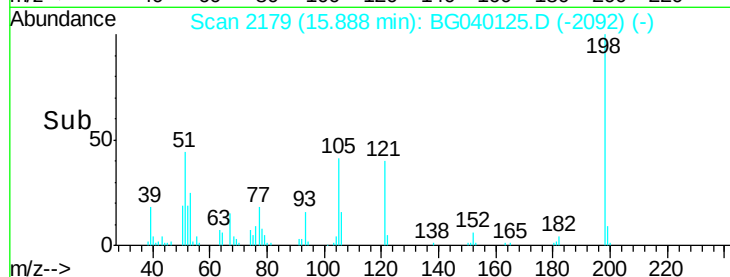
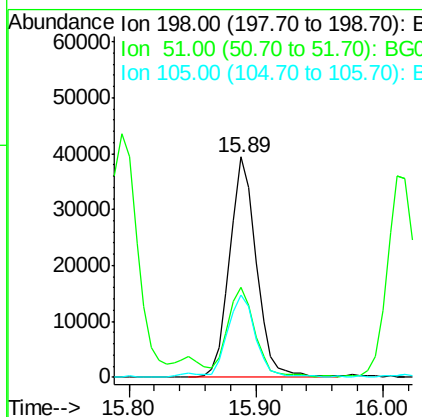
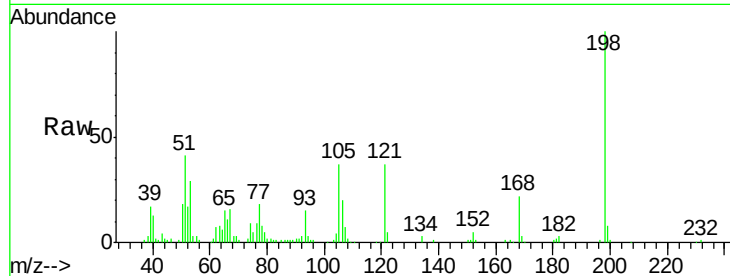
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	198	Resp:	57641
Ion Ratio	Lower	Upper	
198	100		
51	40.7	27.4	67.4
105	37.2	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.931 ng

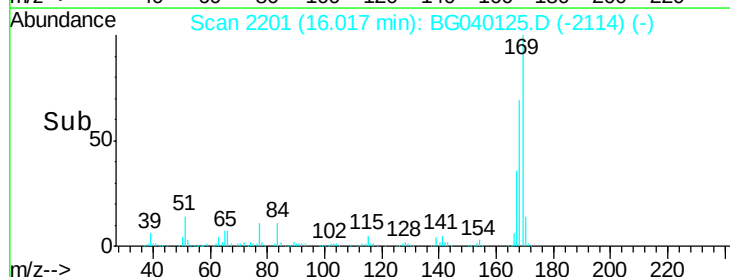
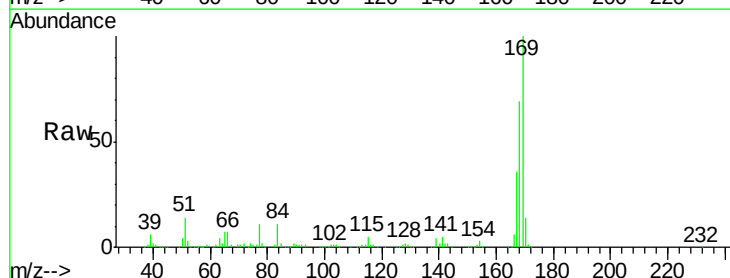
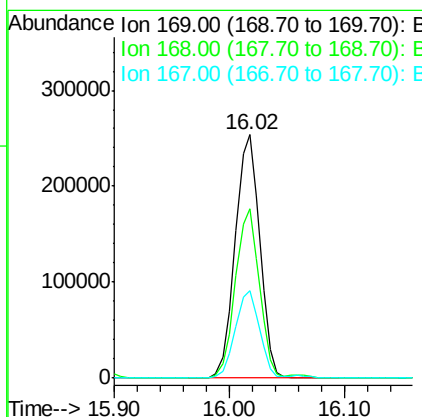
RT: 16.02 min Scan# 2201

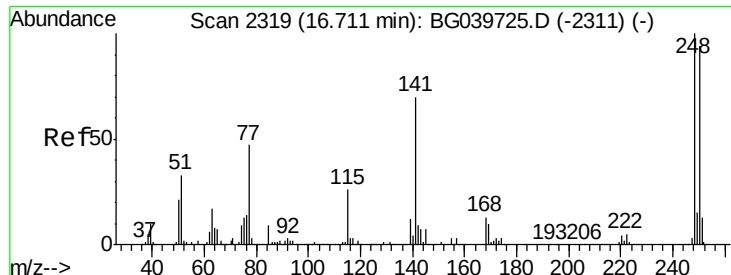
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	169	Resp:	374136
Ion Ratio	Lower	Upper	
169	100		
168	69.4	56.6	85.0
167	36.0	28.8	43.2





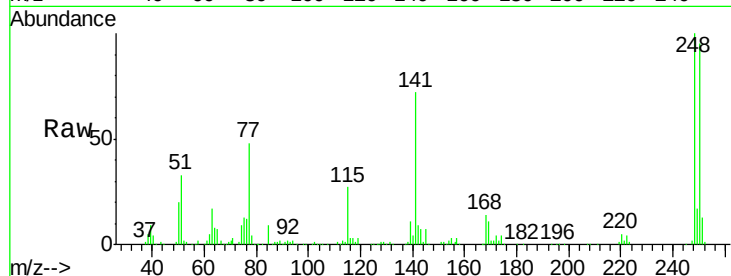
#67
 4-Bromophenyl-phenylether
 Concen: 43.434 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampled :
 S4B(2-10)MSD

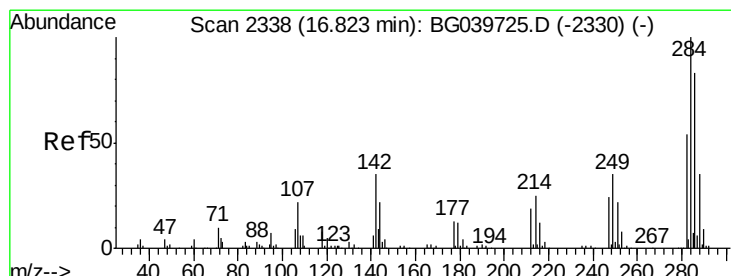
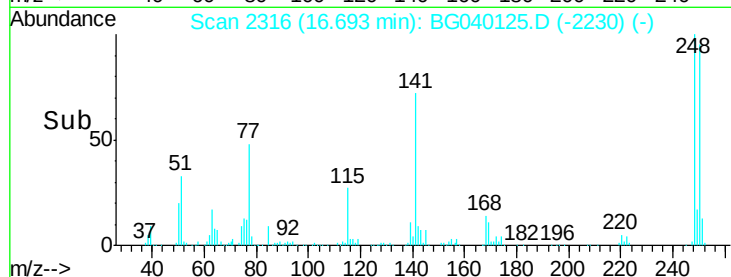
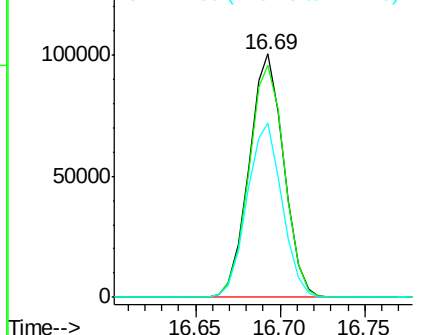
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143023		
250	95.5	77.6	116.4	
141	71.9	63.9	95.9	

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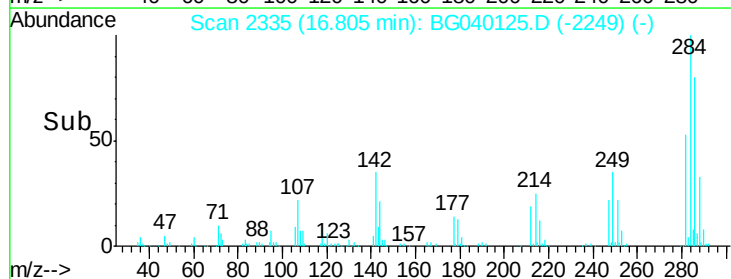
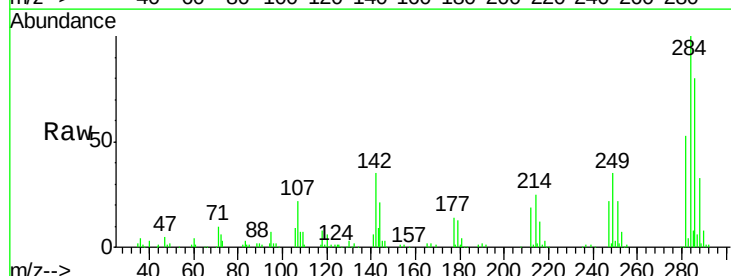
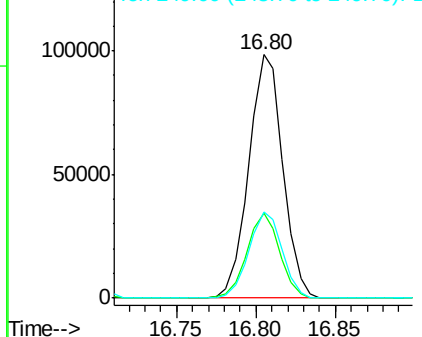
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

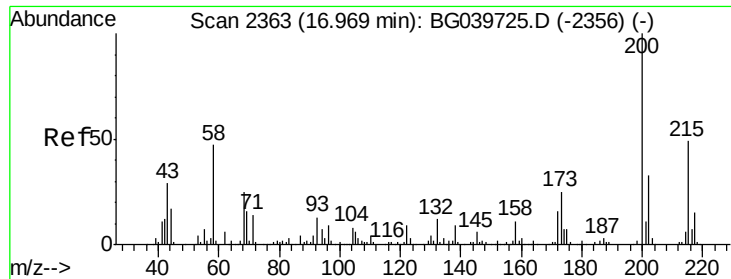


#68
 Hexachlorobenzene
 Concen: 42.946 ng
 RT: 16.80 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	146584		
142	34.7	30.6	45.8	
249	35.3	28.2	42.2	

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





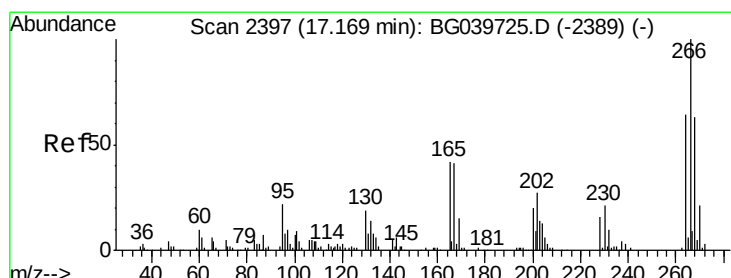
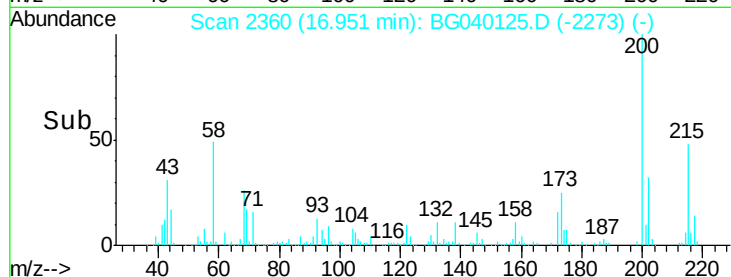
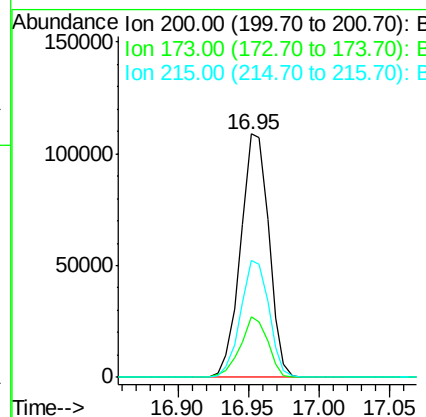
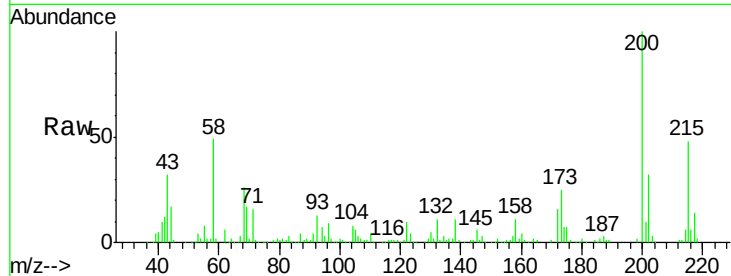
#69
 Atrazine
 Concen: 45.484 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.8	3.9	43.9
215	48.2	30.9	70.9

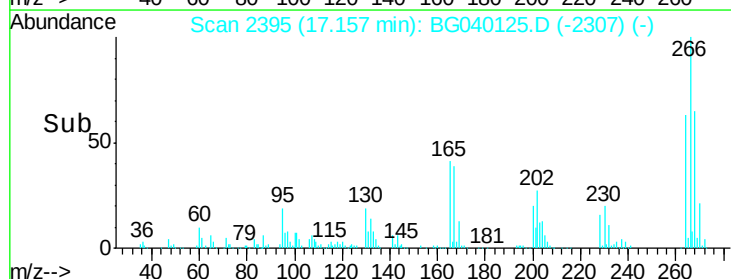
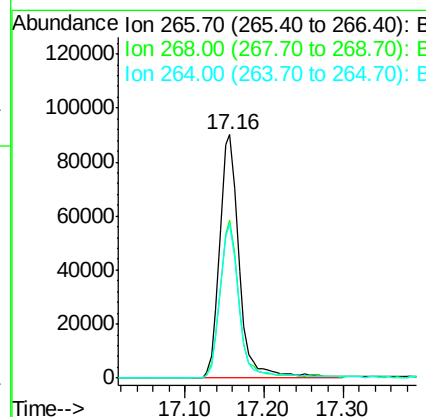
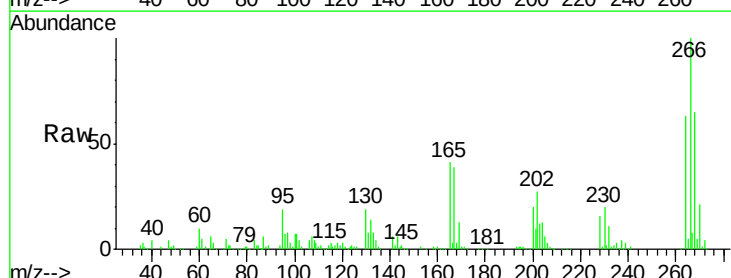
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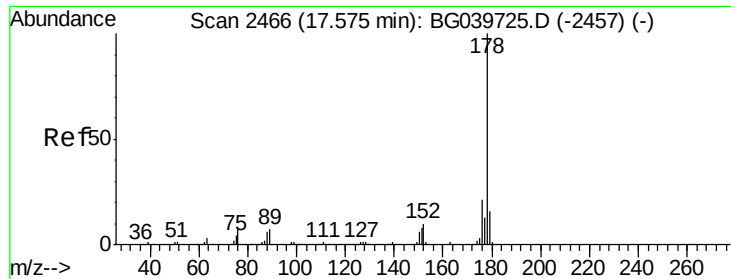
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#70
 Pentachlorophenol
 Concen: 72.023 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.6	51.1	76.7
264	63.0	52.1	78.1





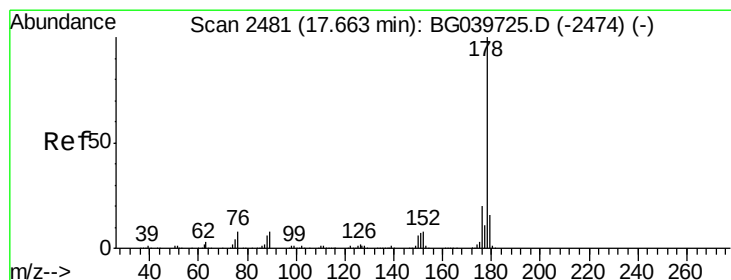
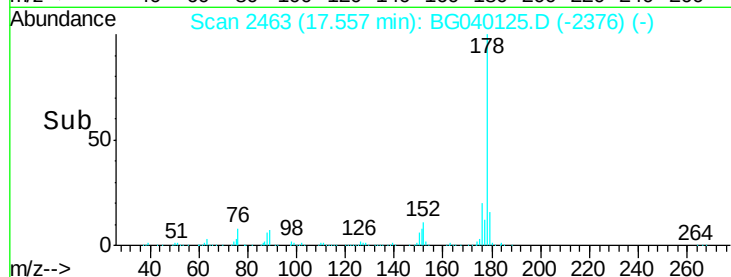
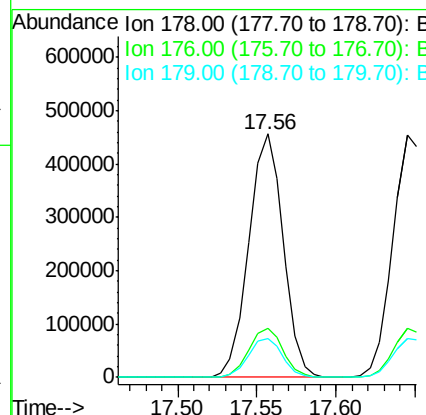
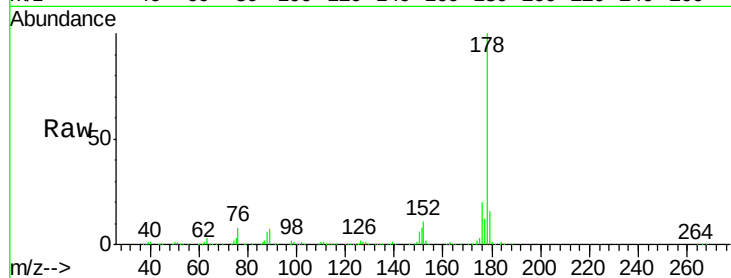
#71
Phenanthrene
Concen: 42.481 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

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

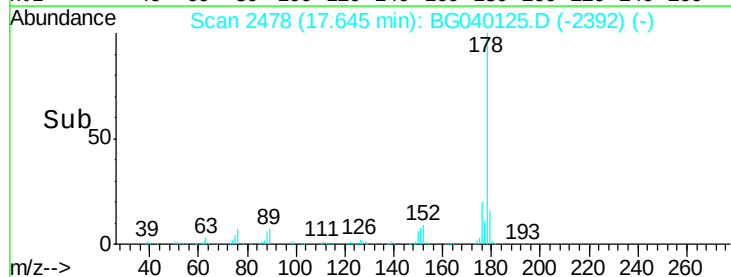
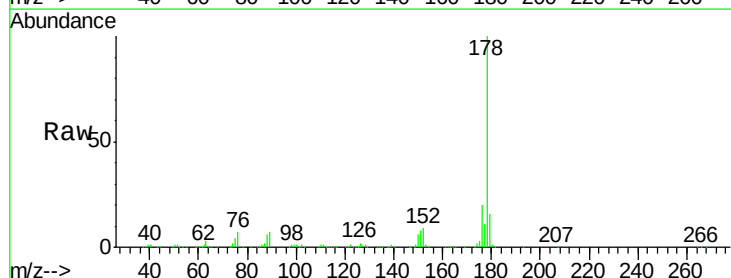
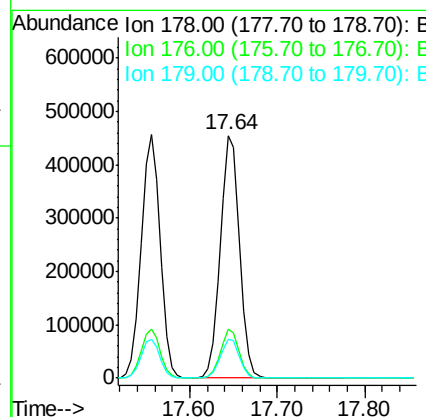
Manual Integrations
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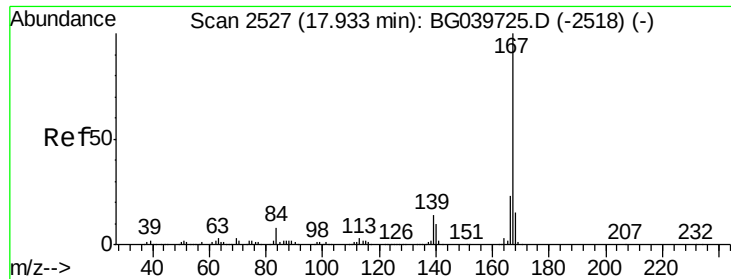
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#72
Anthracene
Concen: 43.782 ng
RT: 17.64 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.1	12.5	18.7





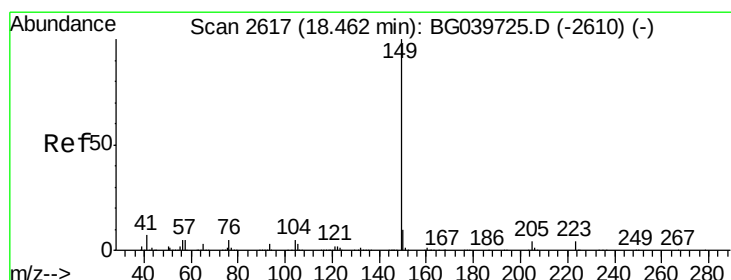
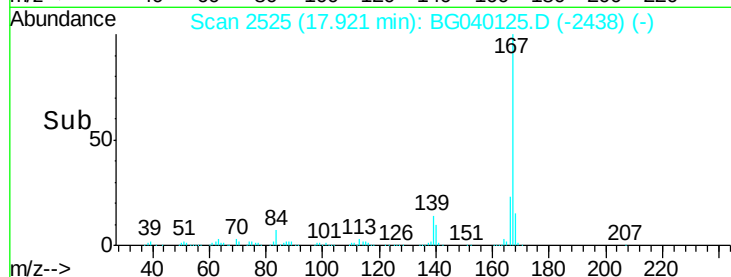
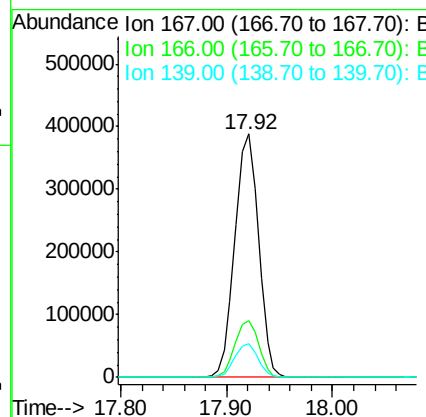
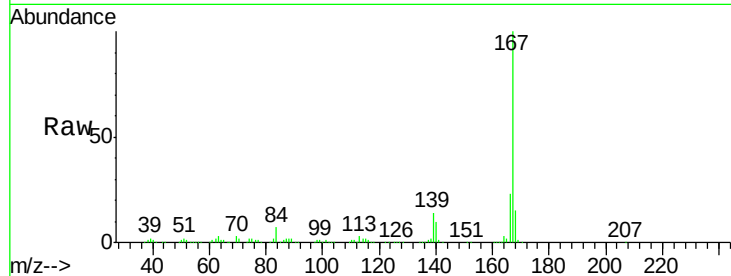
#73
 Carbazole
 Concen: 42.397 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.4	29.2
139	13.8	10.8	16.2

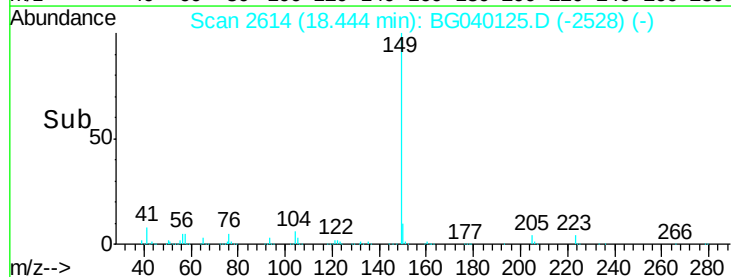
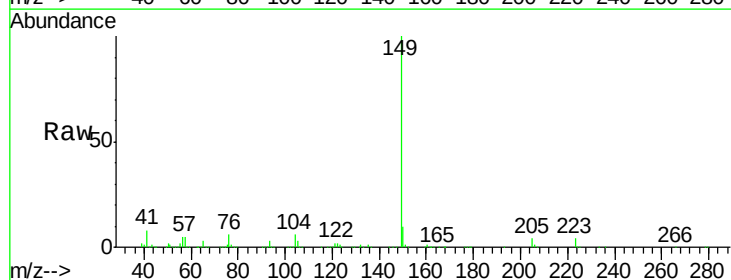
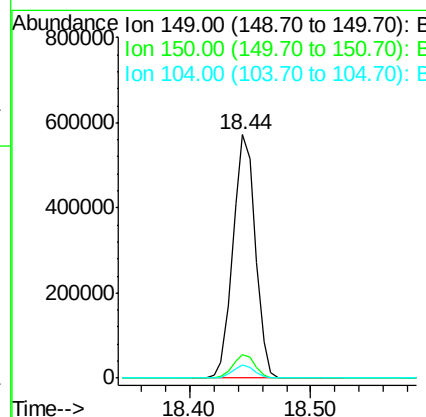
Manual Integrations
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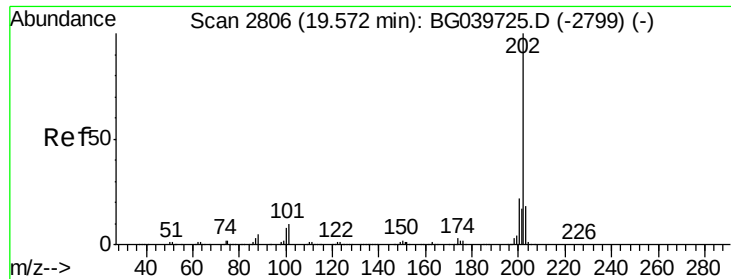
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#74
 Di-n-butylphthalate
 Concen: 43.959 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.478 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

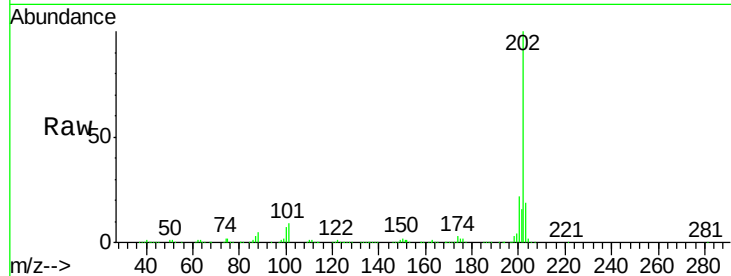
ClientSampleId :

S4B(2-10)MSD

Tgt	Ion	202	Resp:	813444
Ion	Ratio	Lower	Upper	
202	100			
101	9.0	0.0	30.0	
203	18.6	0.0	38.9	

Manual Integrations
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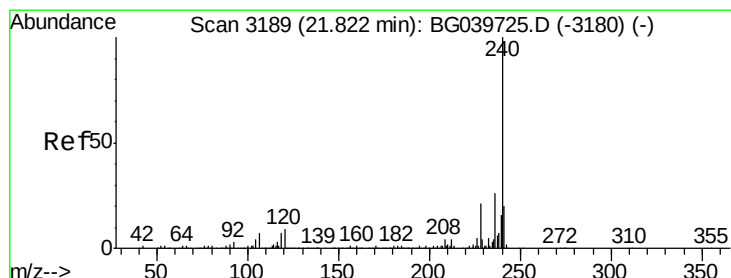
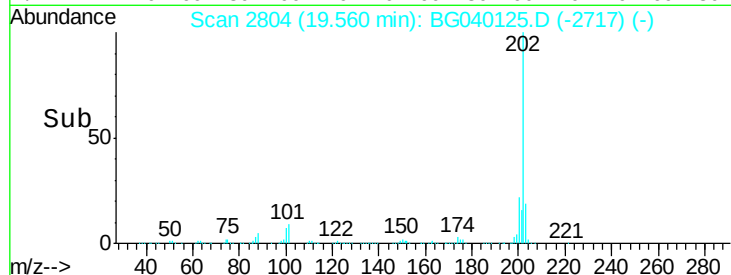
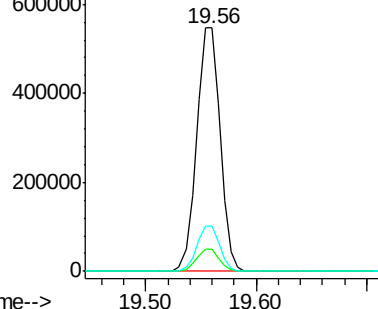
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

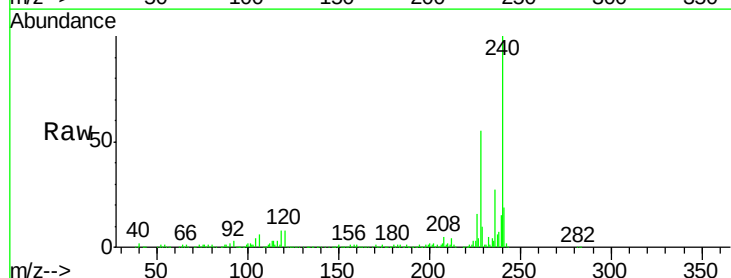
RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

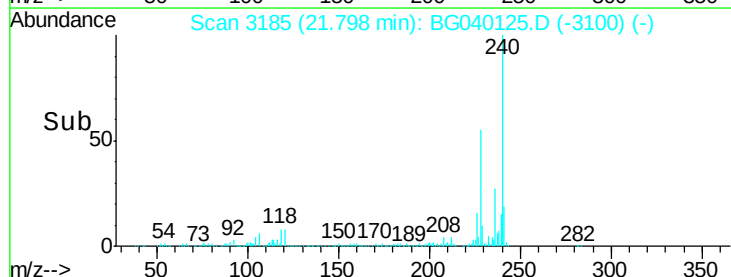
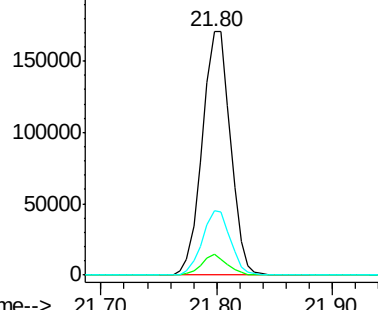
Tgt	Ion	240	Resp:	288954
Ion	Ratio	Lower	Upper	
240	100			
120	8.5	7.0	10.6	
236	26.6	21.0	31.4	

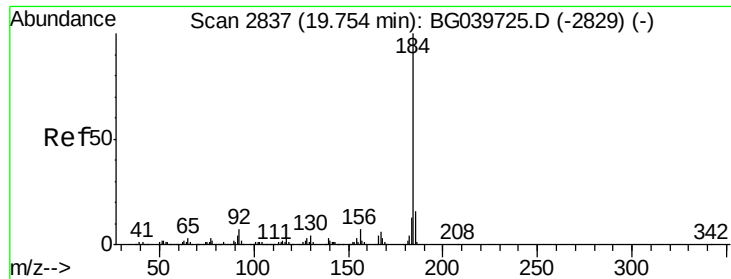


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.264 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

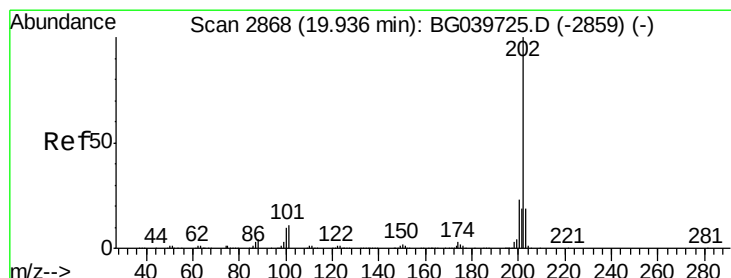
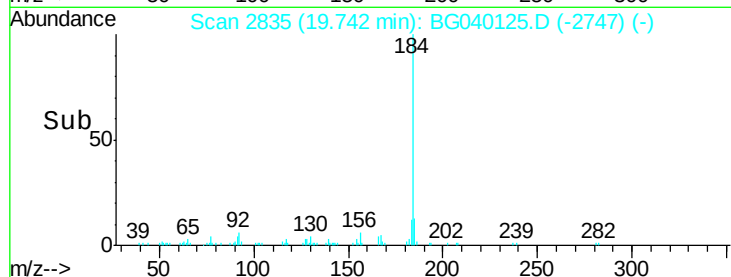
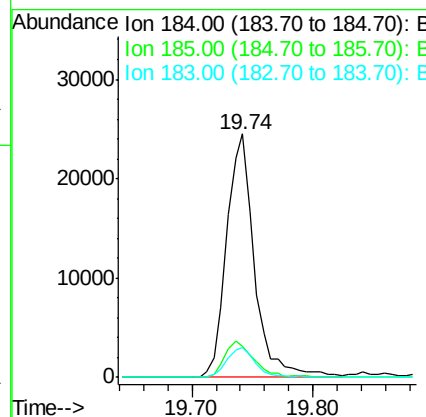
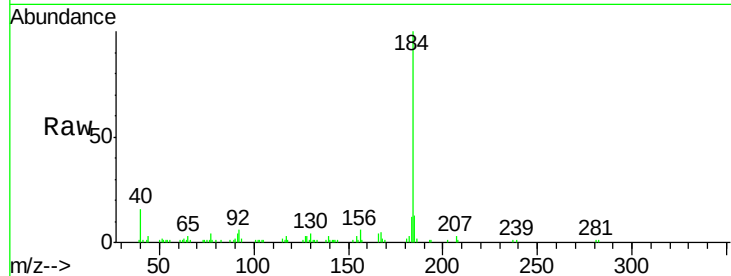
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	184	Resp:	39095
Ion Ratio	Lower	Upper	
184	100		
185	13.0	12.2	18.2
183	12.4	10.6	15.8

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#78

Pyrene

Concen: 43.534 ng

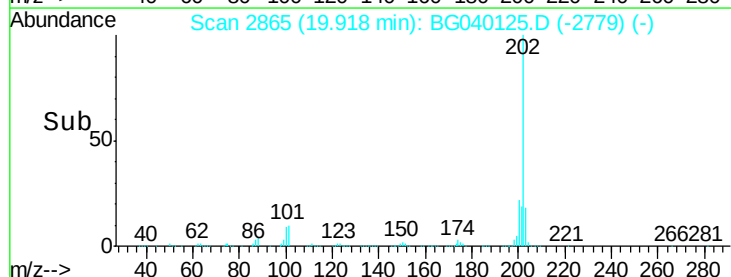
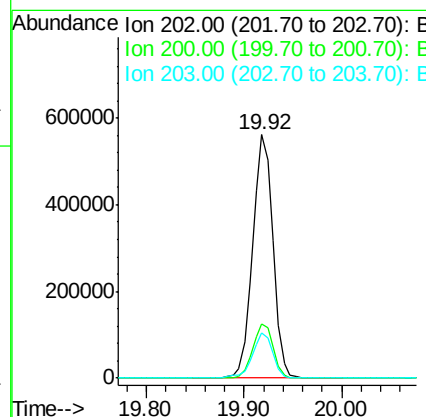
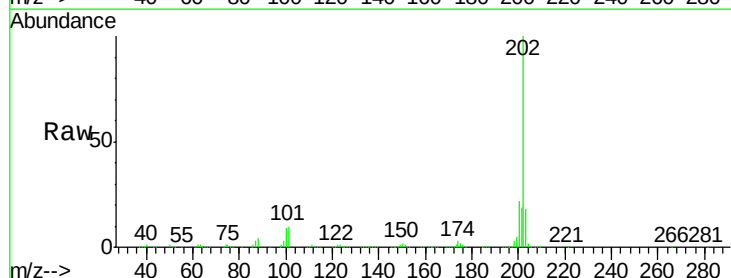
RT: 19.92 min Scan# 2865

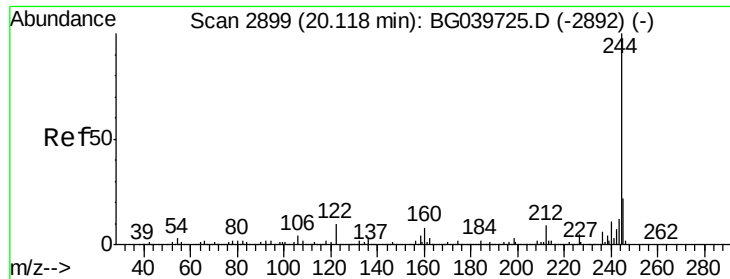
Delta R.T. -0.02 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	202	Resp:	817412
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	18.4	15.3	22.9





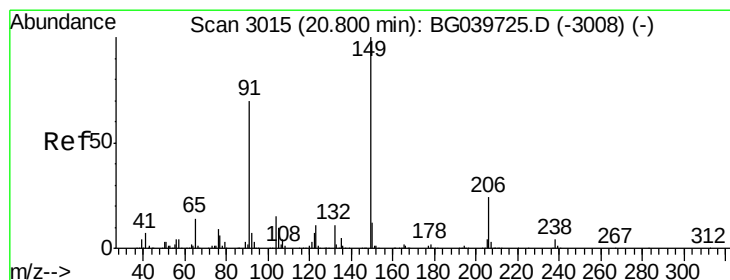
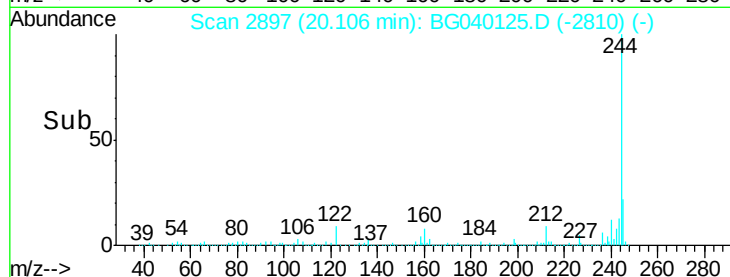
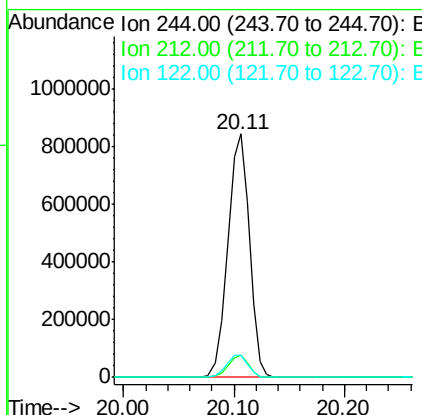
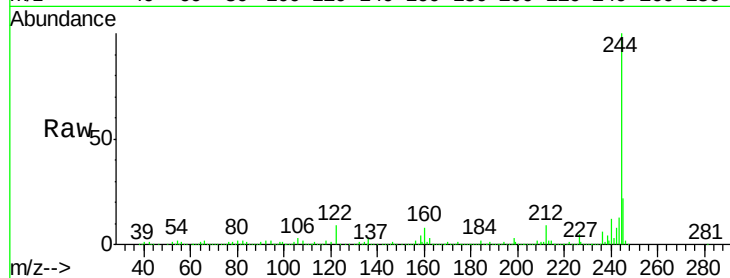
#79
 Terphenyl-d14
 Concen: 88.181 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampled :
 S4B(2-10)MSD

Tgt Ion:244 Resp: 1157241
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 8.9 8.4 12.6

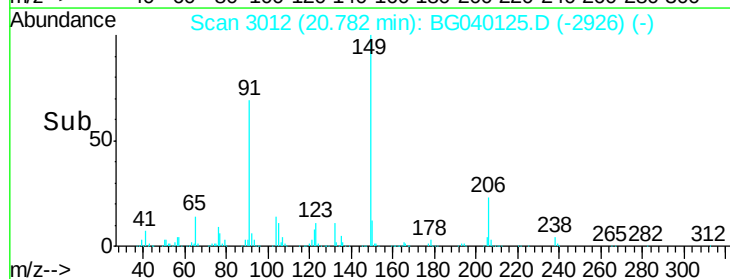
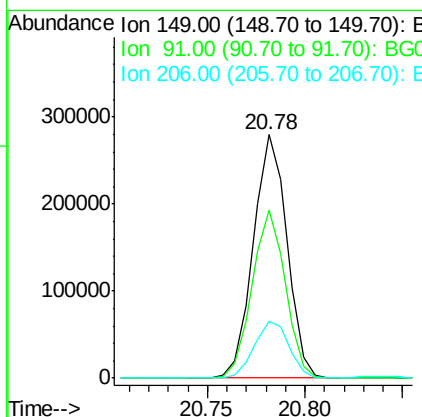
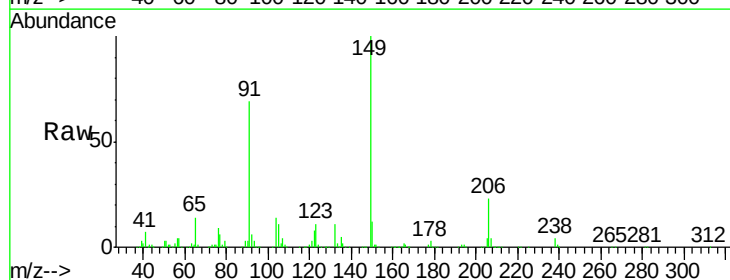
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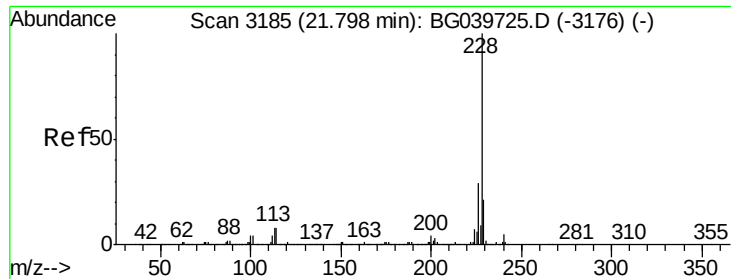
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#80
 Butylbenzylphthalate
 Concen: 45.949 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion:149 Resp: 334251
 Ion Ratio Lower Upper
 149 100
 91 68.8 59.5 89.3
 206 23.4 18.6 27.8





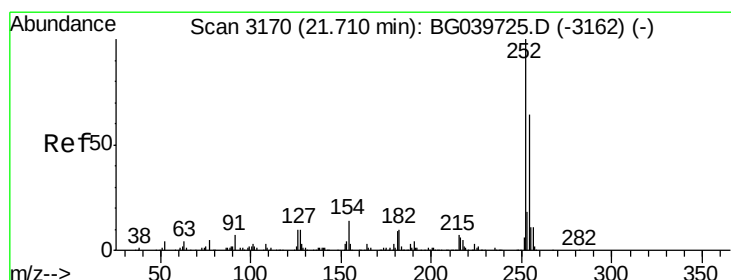
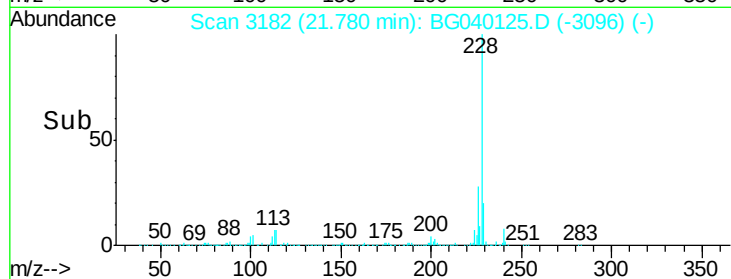
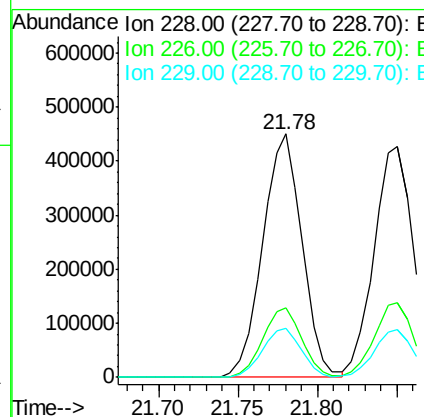
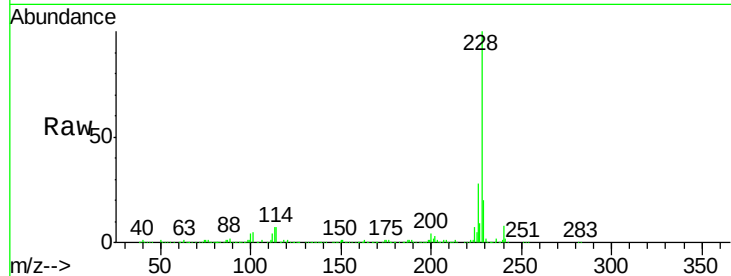
#81
Benzo(a)anthracene
Concen: 42.833 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	775695		
226	28.5		23.0	34.6
229	20.0		16.9	25.3

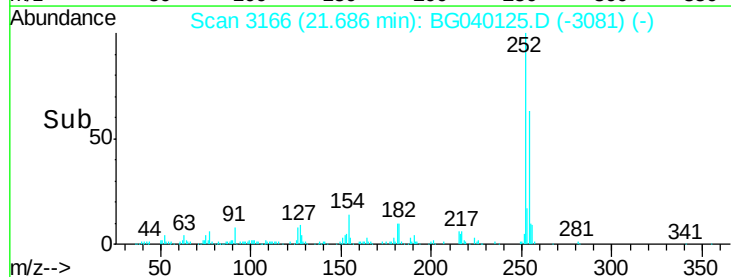
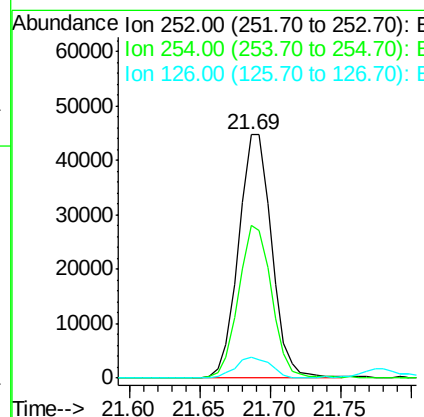
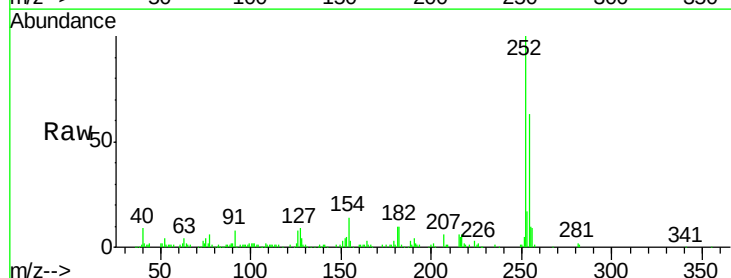
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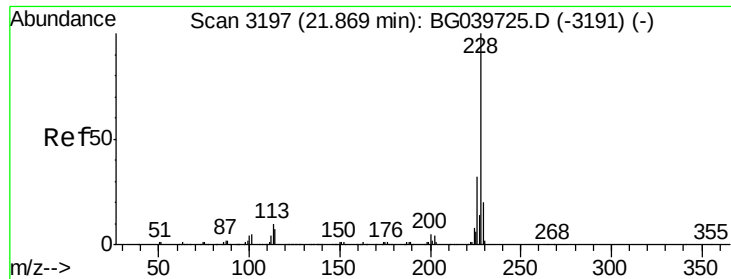
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#82
3,3'-Dichlorobenzidine
Concen: 11.142 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73668		
254	62.8		51.3	76.9
126	8.5		8.0	12.0





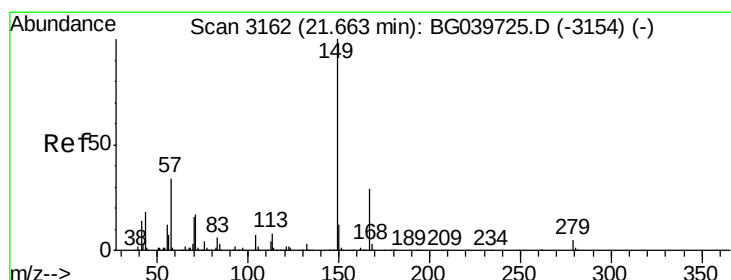
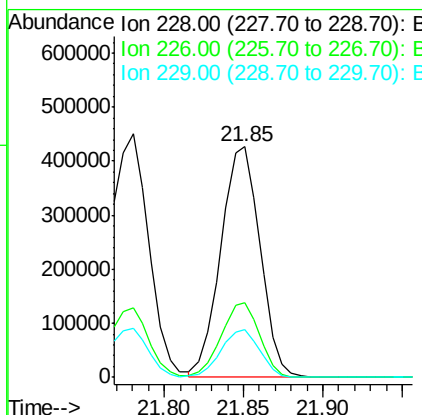
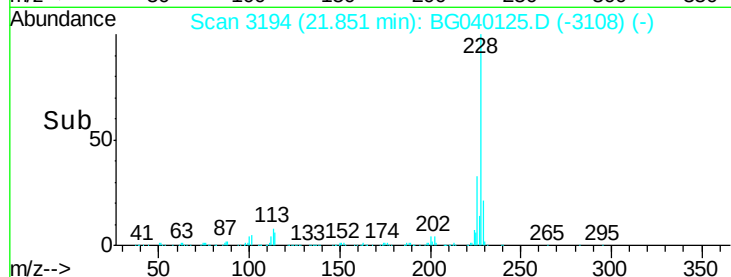
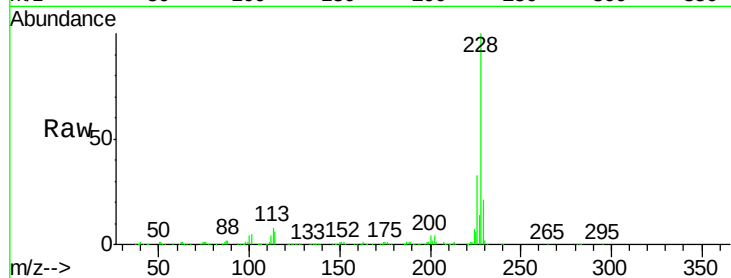
#83
Chrysene
 Concen: 41.613 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	20.8	16.6	25.0

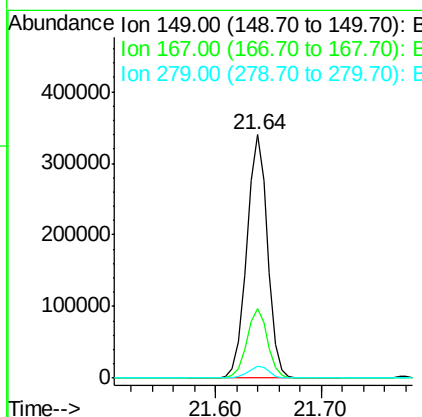
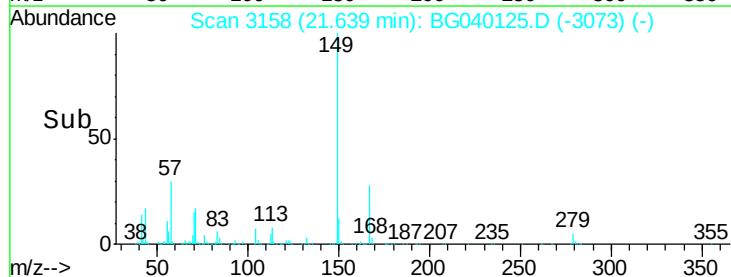
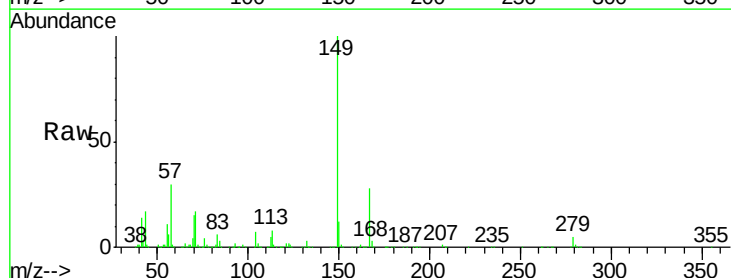
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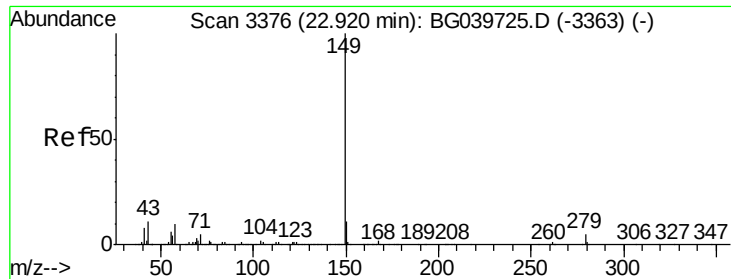
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 45.245 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.9	3.5	5.3





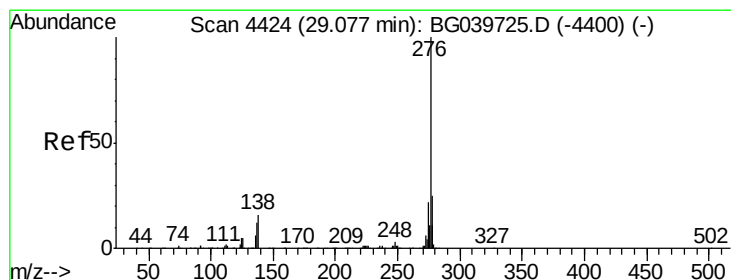
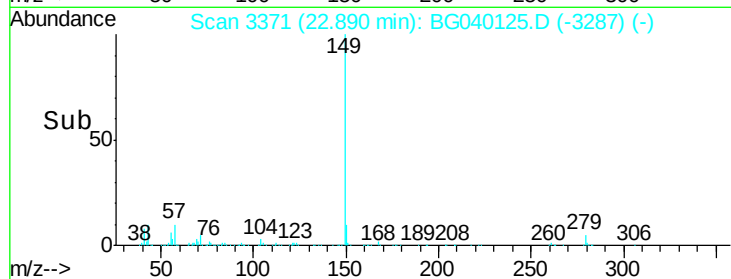
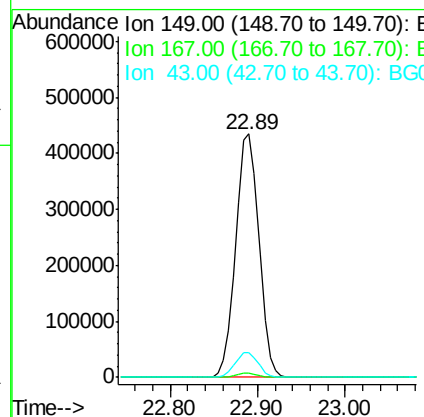
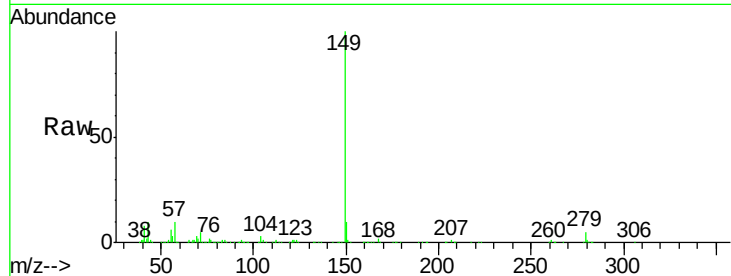
#85
 Di-n-octyl phthalate
 Concen: 46.195 ng
 RT: 22.89 min Scan# 3371
 Delta R.T. -0.04 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	10.0	10.2	15.4#

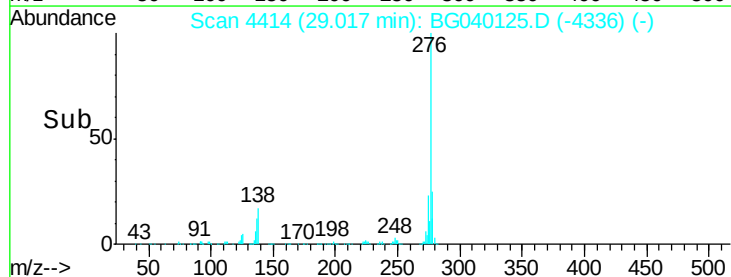
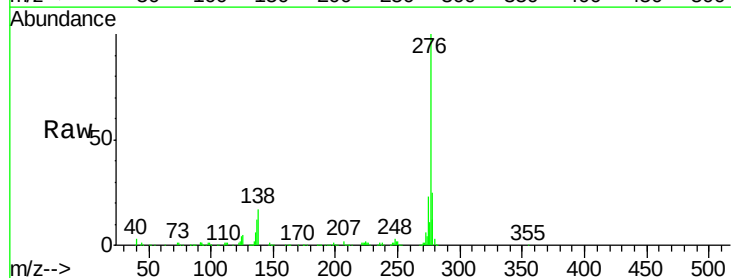
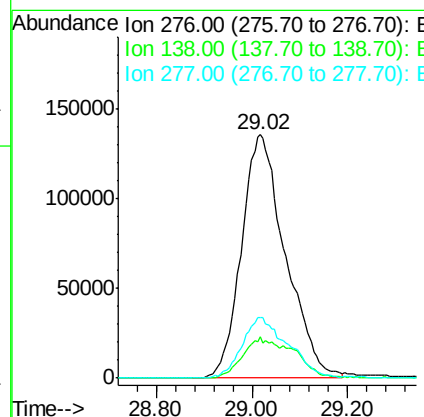
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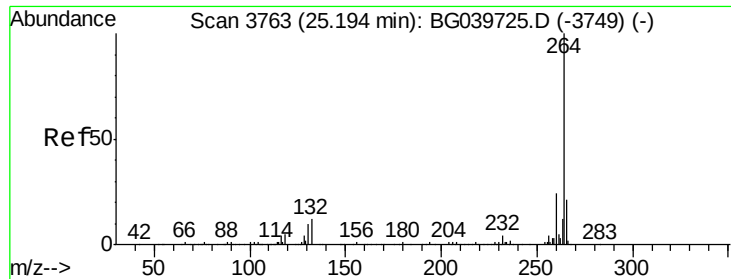
Sohil
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.342 ng
 RT: 29.02 min Scan# 4414
 Delta R.T. -0.07 min
 Lab File: BG040125.D
 Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.3	12.6	19.0#
277	26.1	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Instrument :

BNA_G

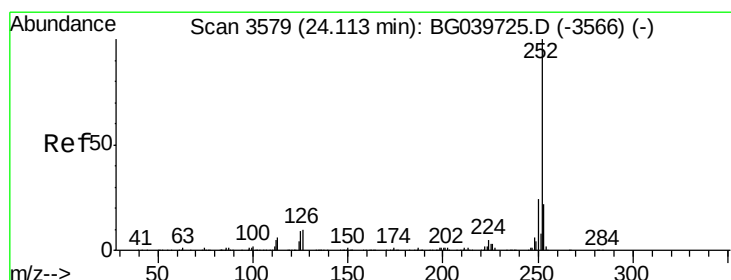
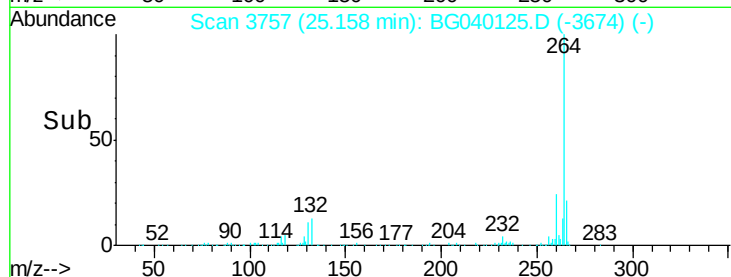
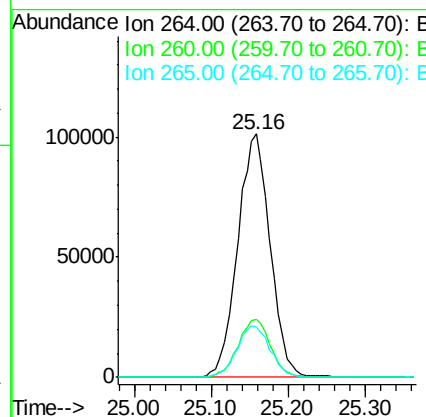
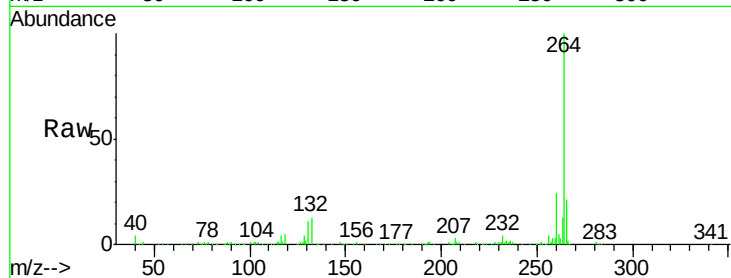
ClientSampleId :

S4B(2-10)MSD

Tgt Ion:	264	Resp:	297994
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	20.6	18.5	27.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.888 ng

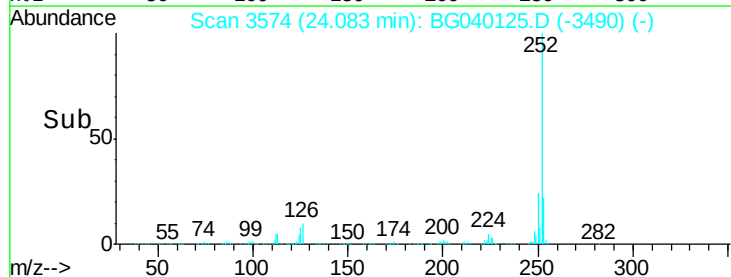
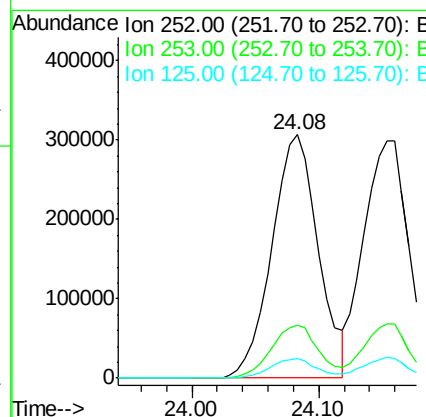
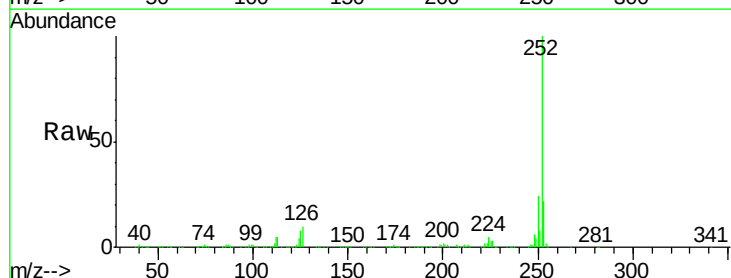
RT: 24.08 min Scan# 3574

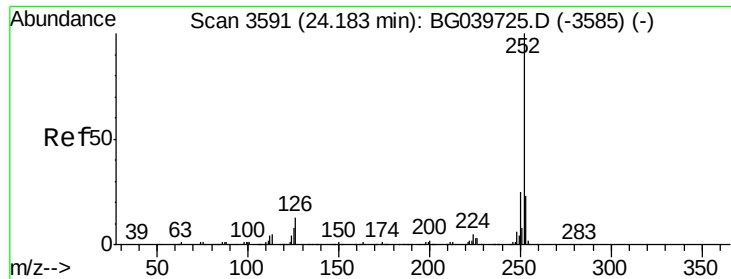
Delta R.T. -0.04 min

Lab File: BG040125.D

Acq: 25 Mar 2019 20:13

Tgt Ion:	252	Resp:	779888
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	8.2	7.8	11.6





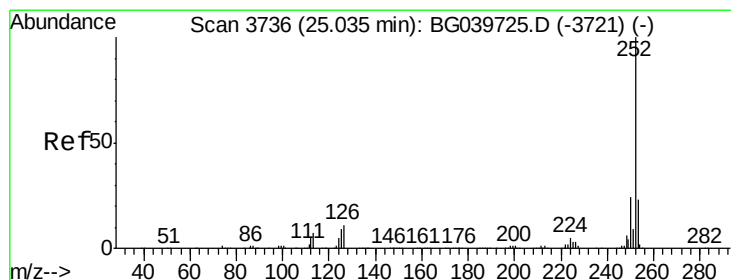
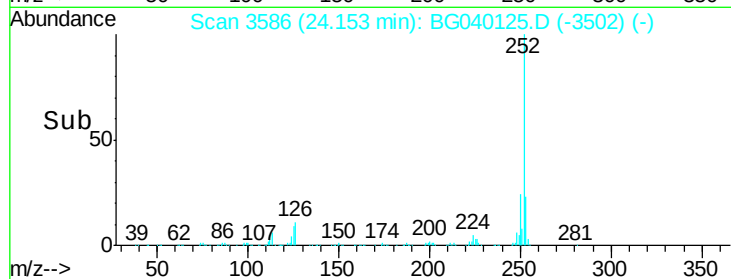
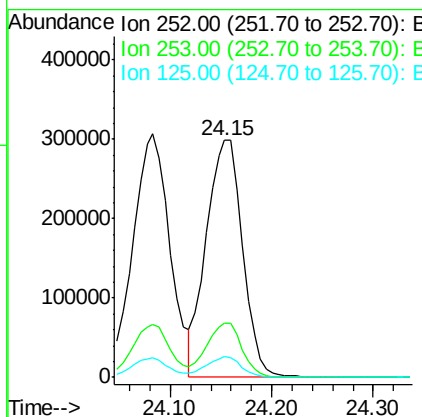
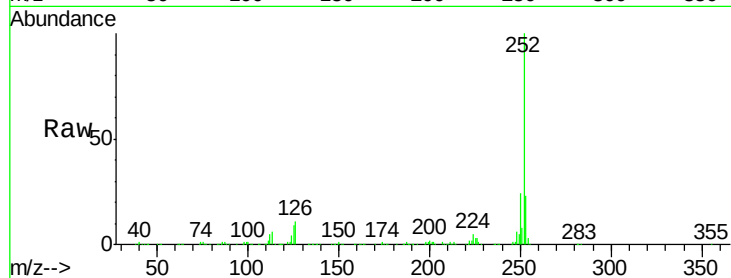
#89
Benzo(k)fluoranthene
Concen: 44.632 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.8	7.4	11.2

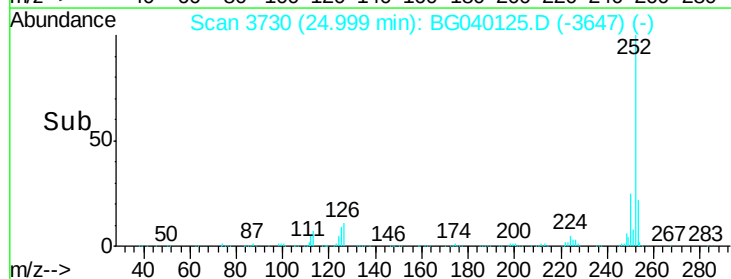
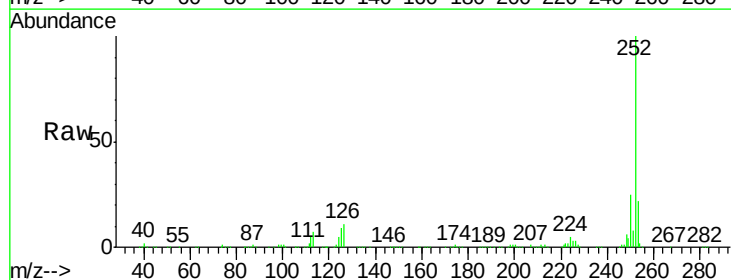
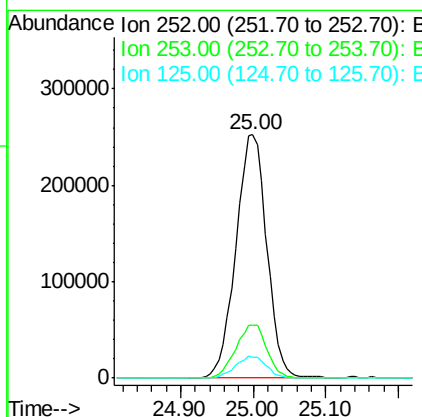
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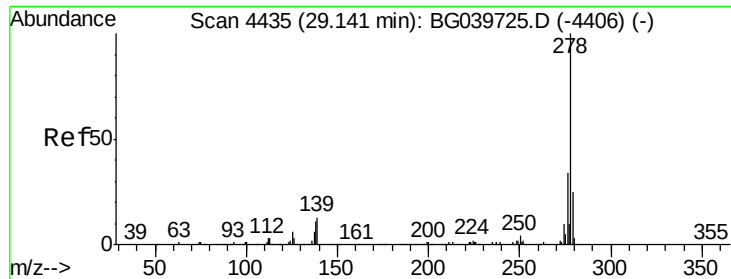
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#90
Benzo(a)pyrene
Concen: 45.461 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.8	8.3	12.5





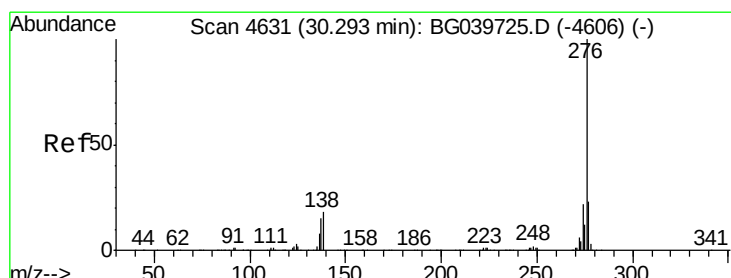
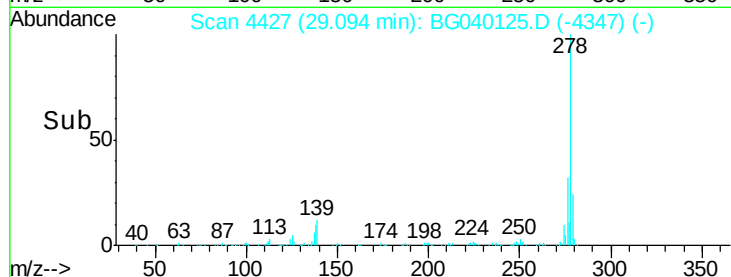
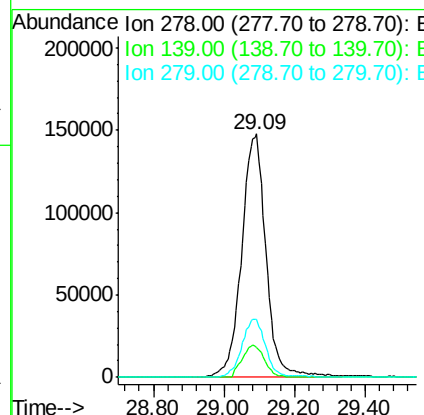
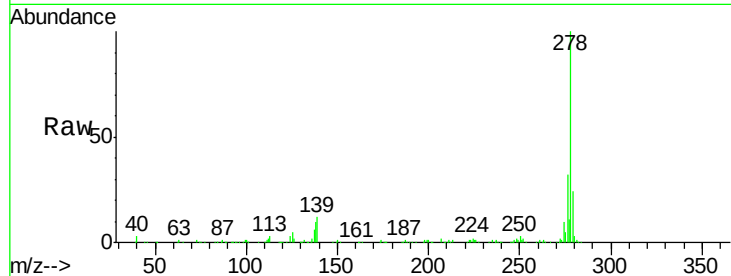
#91
Dibenzo(a,h)anthracene
Concen: 44.180 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	11.7	17.5
279	24.0	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.784 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040125.D
Acq: 25 Mar 2019 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	17.2	14.7	22.1

