

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039960.D
 Acq On : 16 Mar 2019 3:53
 Operator : JU/SJ
 Sample : PB117964BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Manual Integrations
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Sohil
 3/18/2019 3:02:47 PM

Quant Time: Mar 16 05:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41226	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183708	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	119627	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	262549	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	276480	20.00	ng	-0.02
87) Perylene-d12	25.17	264	283827	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	197417	81.69	ng	-0.02
7) Phenol-d6	7.29	99	289502	80.35	ng	-0.02
23) Nitrobenzene-d5	9.32	82	287418	84.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	110602	79.32	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	691761	82.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1069822	85.20	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	44839	40.191	ng	97
3) Pyridine	3.98	79	126313	42.291	ng	96
4) n-Nitrosodimethylamine	3.91	42	65054	45.913	ng	99
6) Aniline	7.47	93	195175	41.345	ng	99
8) 2-Chlorophenol	7.71	128	118481	40.414	ng	96
9) Benzaldehyde	7.29	77	69535	29.917	ng	95
10) Phenol	7.32	94	160579	41.138	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	122349	40.202	ng	95
12) 1,3-Dichlorobenzene	8.03	146	135913	40.991	ng	99
13) 1,4-Dichlorobenzene	8.18	146	139437	41.286	ng	98
14) 1,2-Dichlorobenzene	8.50	146	131648	40.344	ng	96
15) Benzyl Alcohol	8.39	79	118113	41.324	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	256311	42.110	ng	99
17) 2-Methylphenol	8.58	107	104064	41.810	ng	98
18) Hexachloroethane	9.23	117	49816	41.108	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	103848	40.042	ng	97
20) 3+4-Methylphenols	8.91	107	144435	41.772	ng	97
22) Acetophenone	8.98	105	194682	39.484	ng	# 97
24) Nitrobenzene	9.37	77	152706	42.854	ng	97
25) Isophorone	9.88	82	292284	41.067	ng	98
26) 2-Nitrophenol	10.08	139	73905	42.956	ng	# 94
27) 2,4-Dimethylphenol	10.12	122	120712	45.113	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	174650	40.380	ng	97
29) 2,4-Dichlorophenol	10.61	162	130384	43.279	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	141368	41.701	ng	99
31) Naphthalene	11.02	128	402352	41.366	ng	99
32) Benzoic acid	10.26	122	70212	39.561	ng	97
33) 4-Chloroaniline	11.13	127	174507	42.310	ng	99
34) Hexachlorobutadiene	11.28	225	96497	41.655	ng	95
35) Caprolactam	11.92	113	41976m	36.475	ng	
36) 4-Chloro-3-methylphenol	12.23	107	140416	40.659	ng	99
37) 2-Methylnaphthalene	12.61	142	307159	42.239	ng	98
38) 1-Methylnaphthalene	12.83	142	290384	41.091	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	170953	42.183	ng	99

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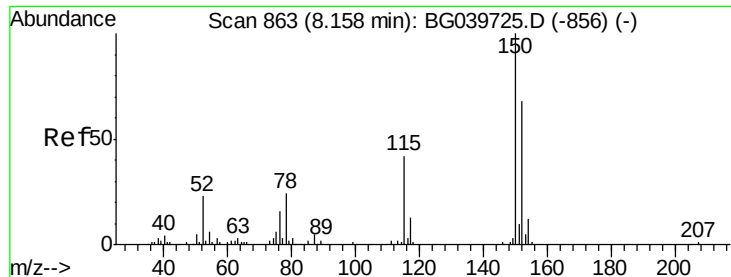
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	239342	110.202	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	105840	44.608	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	116286	43.481	ng	99
46) 1,1'-Biphenyl	13.61	154	399376	40.590	ng	98
47) 2-Chloronaphthalene	13.66	162	309521	41.816	ng	98
48) 2-Nitroaniline	13.87	65	101967	42.866	ng	94
49) Acenaphthylene	14.50	152	493330	40.600	ng	98
50) Dimethylphthalate	14.22	163	390645	39.052	ng	99
51) 2,6-Dinitrotoluene	14.35	165	85598	40.365	ng	96
52) Acenaphthene	14.84	154	296729	40.573	ng	98
53) 3-Nitroaniline	14.69	138	83271	39.064	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	84811	64.508	ng	97
55) Dibenzofuran	15.17	168	483393	40.286	ng	98
56) 4-Nitrophenol	14.99	139	135650	71.136	ng	91
57) 2,4-Dinitrotoluene	15.14	165	122156	40.996	ng	87
58) Fluorene	15.82	166	374158	39.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109299	41.847	ng	97
60) Diethylphthalate	15.57	149	390235	39.408	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	198515	39.438	ng	98
62) 4-Nitroaniline	15.85	138	89547	38.749	ng	97
63) Azobenzene	16.10	77	359077	40.003	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	70083	45.146	ng	99
66) n-Nitrosodiphenylamine	16.02	169	338525	44.538	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	125347	42.652	ng	97
68) Hexachlorobenzene	16.81	284	131345	43.117	ng	94
69) Atrazine	16.96	200	103392	34.563	ng	99
70) Pentachlorophenol	17.16	266	150628	78.294	ng	98
71) Phenanthrene	17.56	178	604038	41.769	ng	100
72) Anthracene	17.65	178	602103	42.725	ng	99
73) Carbazole	17.92	167	518502	40.812	ng	98
74) Di-n-butylphthalate	18.45	149	633798	42.401	ng	99
75) Fluoranthene	19.56	202	716195	41.905	ng	98
77) Benzidine	19.74	184	651330	74.238	ng	99
78) Pyrene	19.93	202	718485	39.992	ng	98
80) Butylbenzylphthalate	20.79	149	298967	42.952	ng	95
81) Benzo(a)anthracene	21.78	228	712585	41.124	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	256008	40.467	ng	100
83) Chrysene	21.86	228	674023	40.123	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	424967	43.448	ng	98
85) Di-n-octyl phthalate	22.90	149	726256	44.844	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	807931	42.395	ng	# 93
88) Benzo(b)fluoranthene	24.10	252	703854	41.586	ng	# 98
89) Benzo(k)fluoranthene	24.17	252	693572	44.023	ng	98
90) Benzo(a)pyrene	25.01	252	693055	44.314	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	651660	42.502	ng	98
92) Benzo(g,h,i)perylene	30.27	276	667176	43.326	ng	94

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



#1

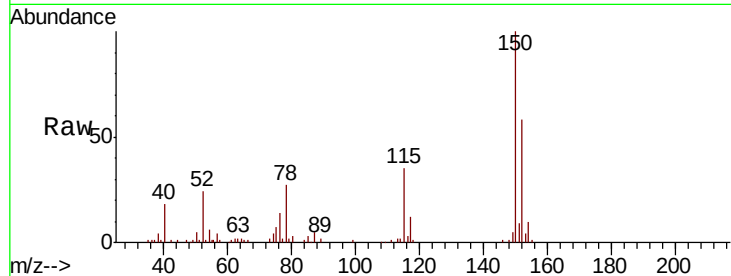
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	171.2	123.7	185.5
115	60.7	45.9	68.9

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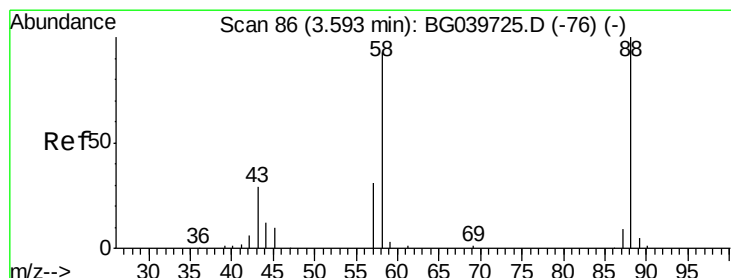
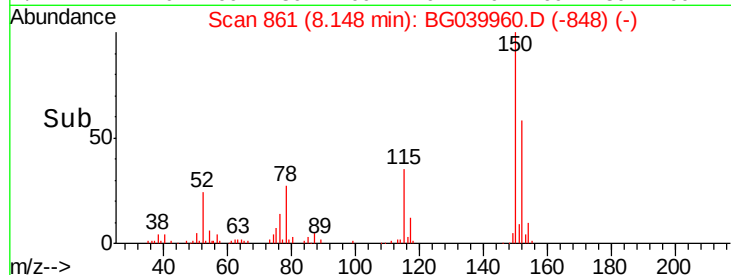
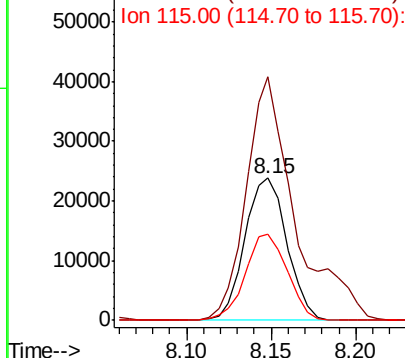


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

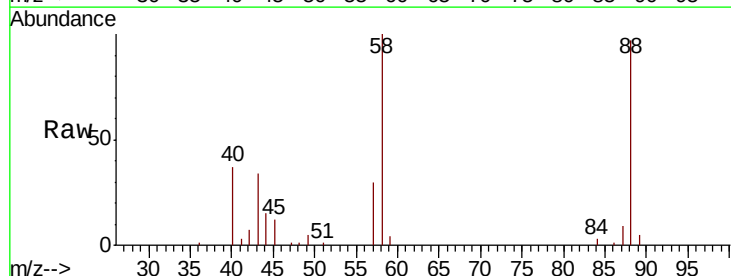
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.191 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	81.1	121.7
43	36.1	31.4	47.0

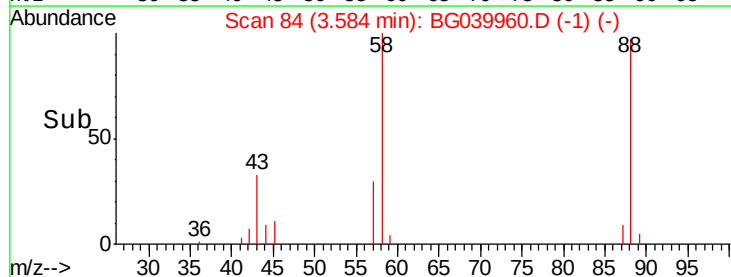
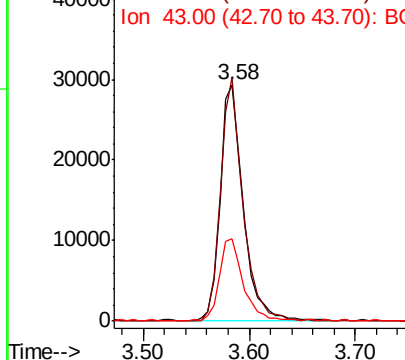


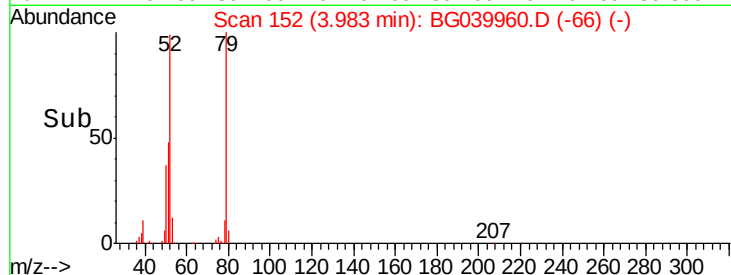
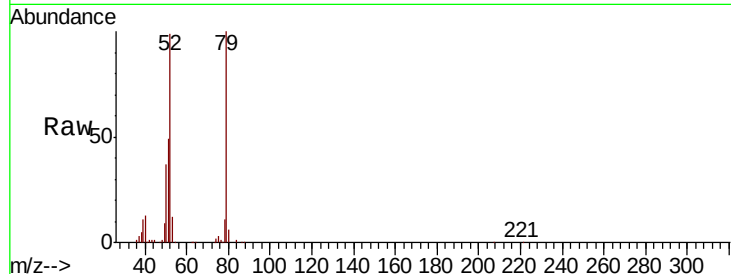
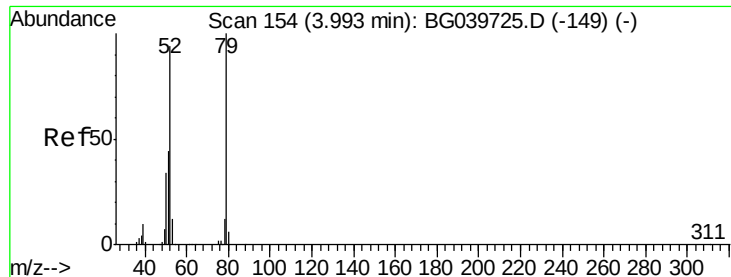
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





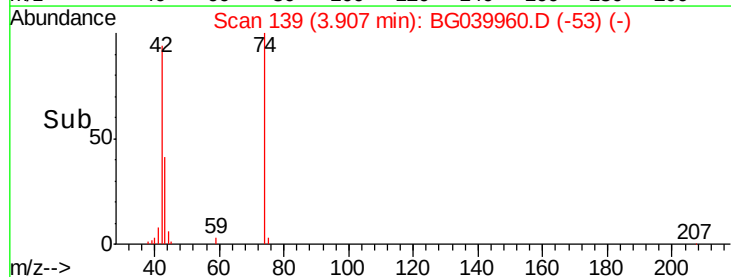
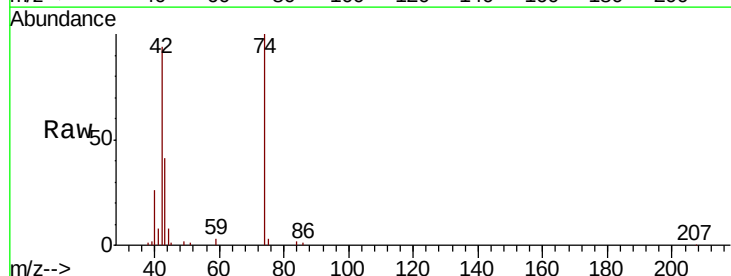
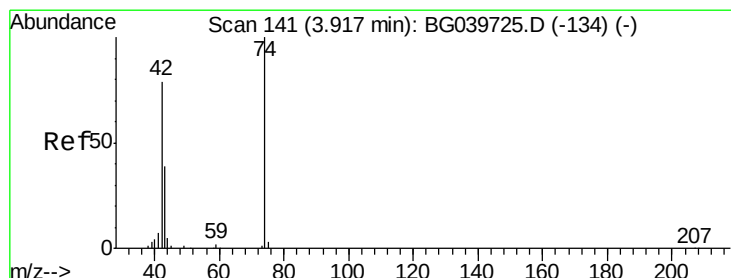
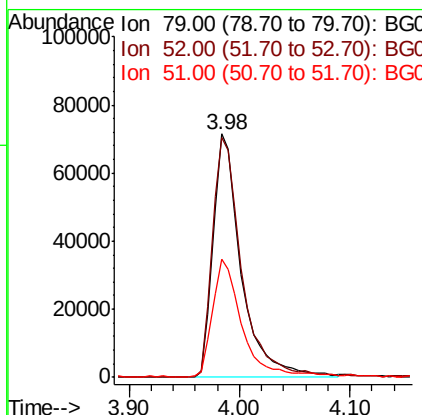
#3
Pvridine
Concen: 42.291 ng
RT: 3.98 min Scan# 152
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tot Ion:	79	Resp:	126313
Ion Ratio	Lower	Upper	
79	100		
52	98.7	82.6	124.0
51	48.7	37.5	56.3

Instrument :
BNA_G
ClientSampleId :
PB117964BS

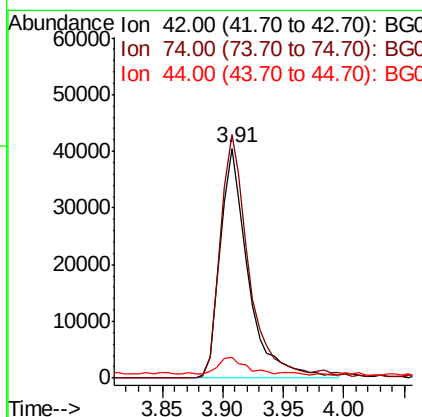
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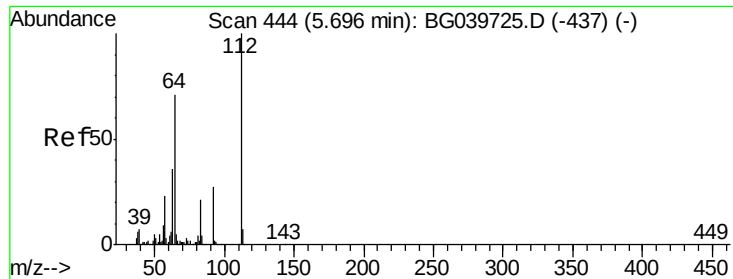
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#4
n-Nitrosodimethylamine
Concen: 45.913 ng
RT: 3.91 min Scan# 139
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:	42	Resp:	65054
Ion Ratio	Lower	Upper	
42	100		
74	106.0	83.6	125.4
44	8.9	6.9	10.3





#5

2-Fluorophenol

Concen: 81.695 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

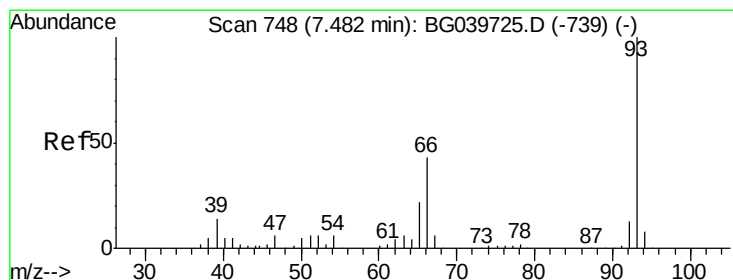
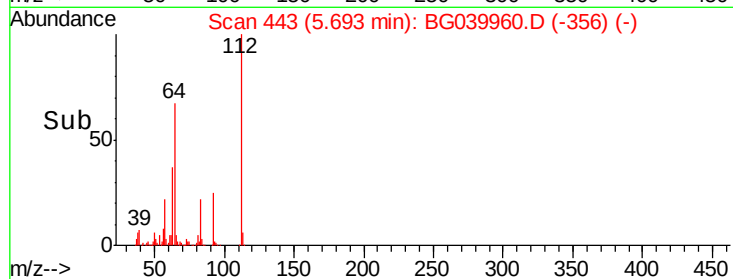
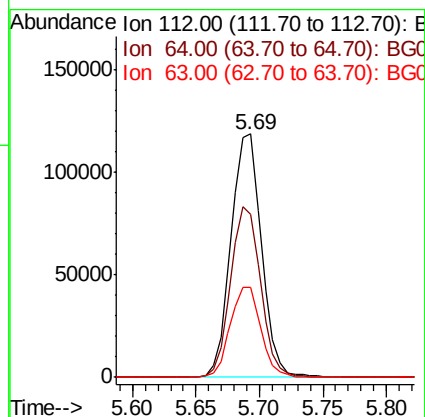
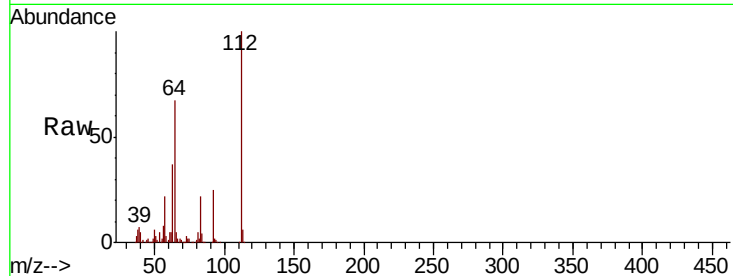
ClientSampleId :

PB117964BS

Tot Ion:	112	Resp:	197417
Ion Ratio	Lower	Upper	
112	100		
64	67.1	57.8	86.8
63	37.0	29.8	44.6

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#6

Aniline

Concen: 41.345 ng

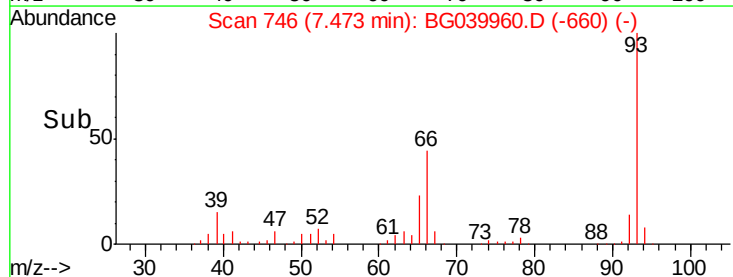
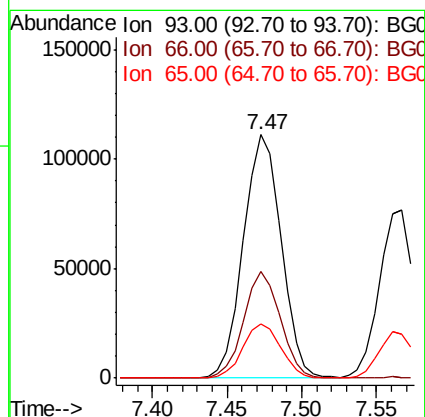
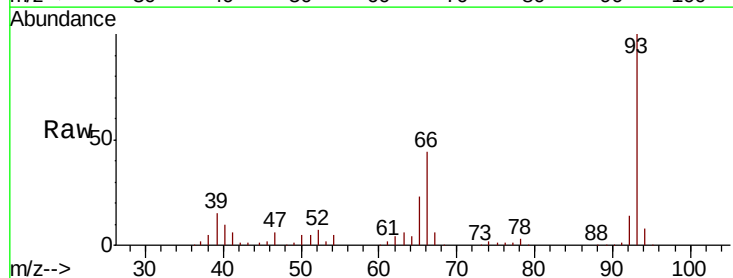
RT: 7.47 min Scan# 746

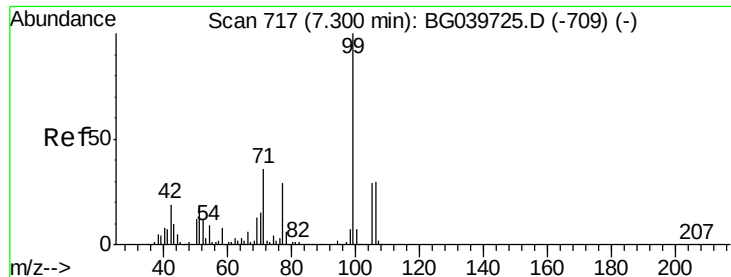
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	93	Resp:	195175
Ion Ratio	Lower	Upper	
93	100		
66	44.0	34.2	51.4
65	22.5	17.7	26.5





#7

Phenol-d6

Concen: 80.347 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

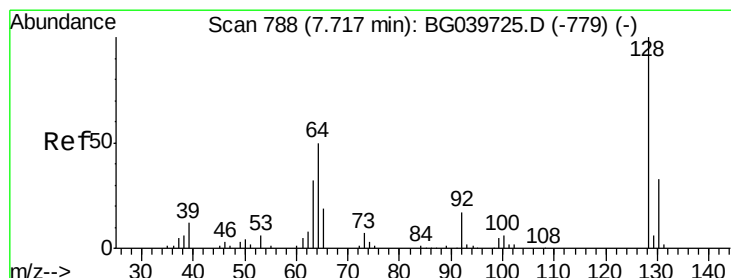
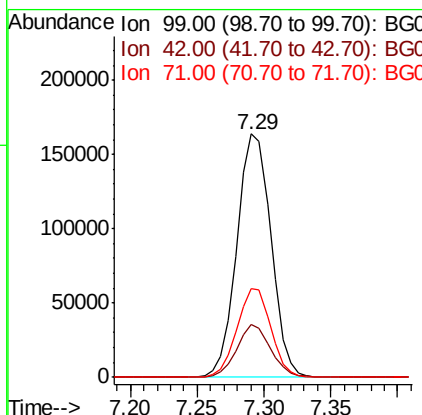
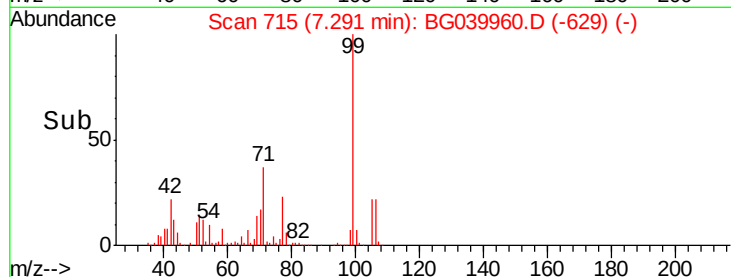
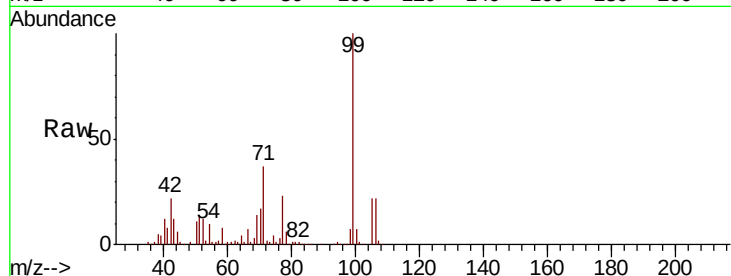
ClientSampleId :

PB117964BS

Tot Ion:	99	Resp:	289502
Ion Ratio	Lower	Upper	
99	100		
42	22.0	18.2	27.2
71	36.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 40.414 ng

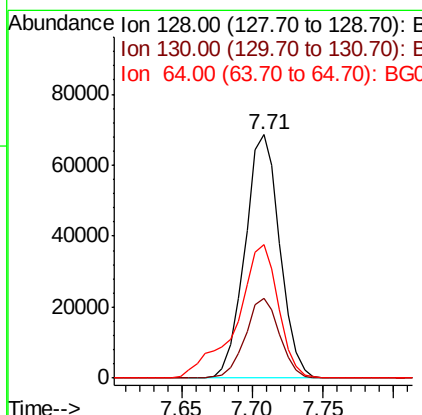
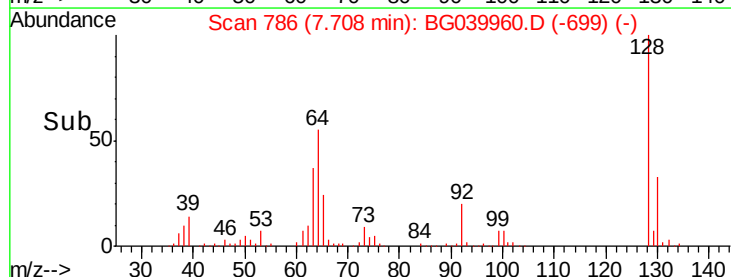
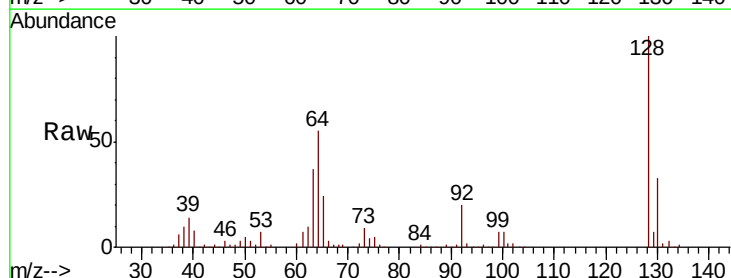
RT: 7.71 min Scan# 786

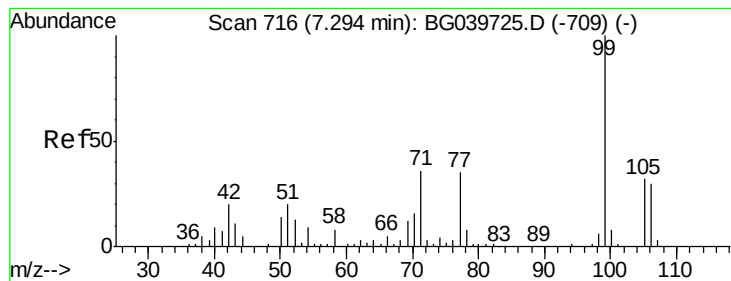
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	128	Resp:	118481
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	54.7	38.7	78.7





#9

Benzaldehyde

Concen: 29.917 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

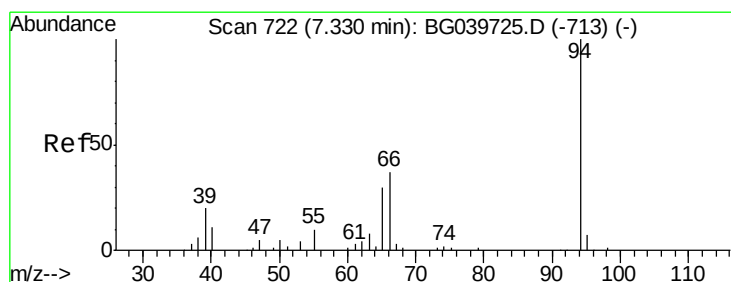
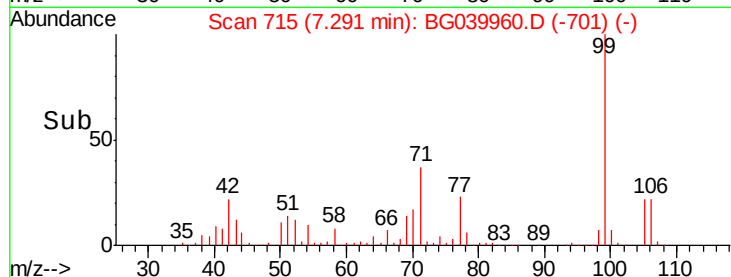
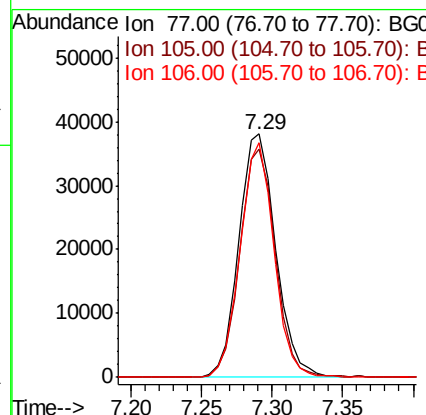
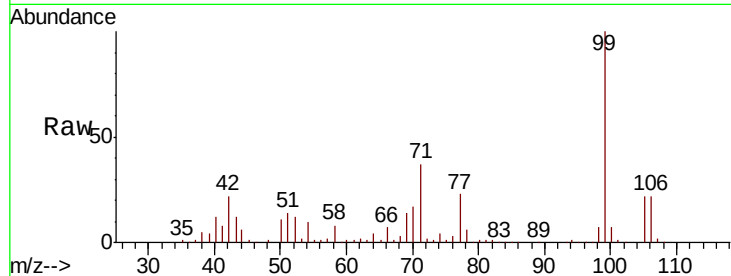
ClientSampled :

PB117964BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	93.6	74.5	114.5	
106	96.4	68.0	108.0	

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#10

Phenol

Concen: 41.138 ng

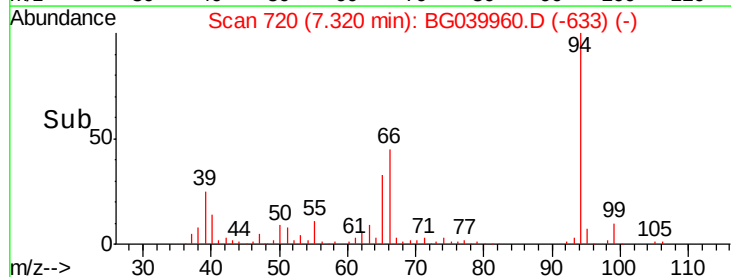
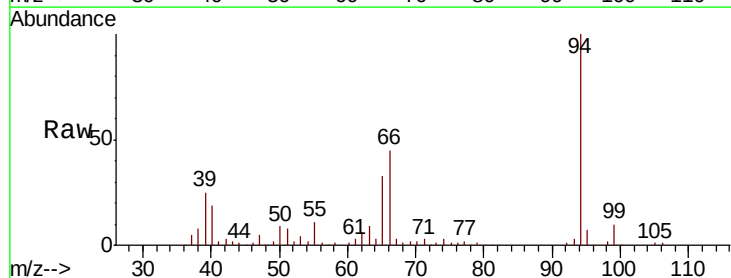
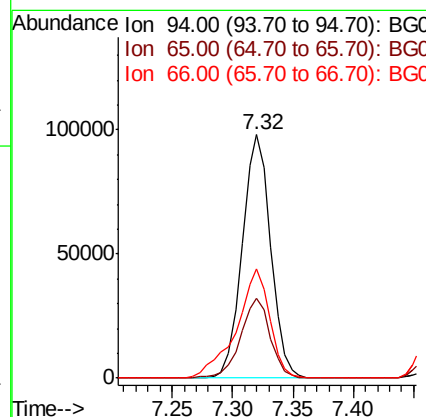
RT: 7.32 min Scan# 720

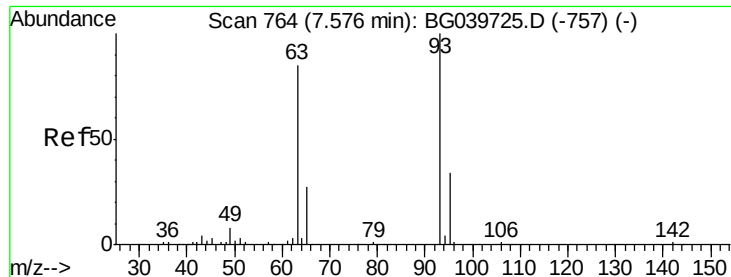
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.5	11.7	51.7	
66	44.9	23.7	63.7	





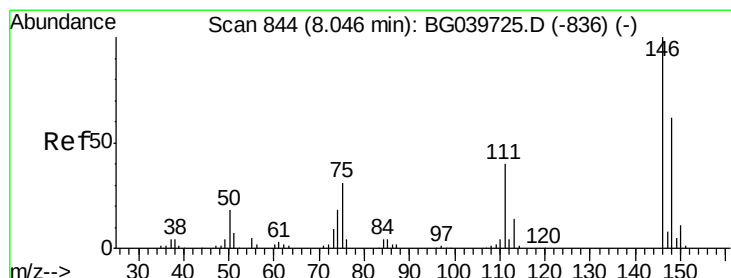
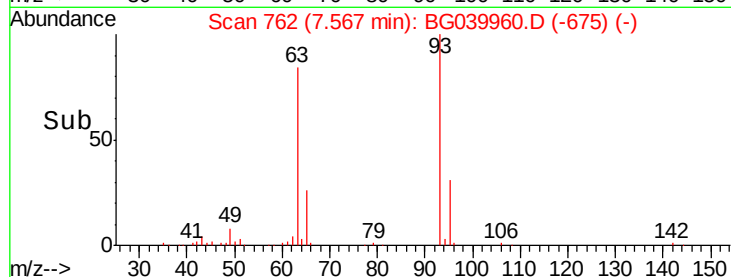
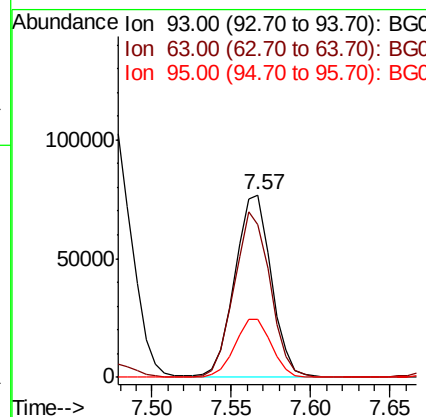
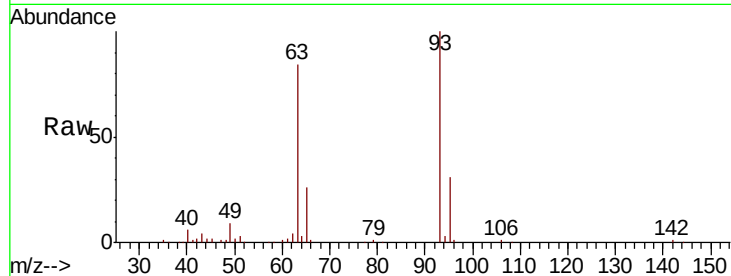
#11
bis(2-Chloroethyl)ether
Concen: 40.202 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	69.5	109.5
95	31.4	12.7	52.7

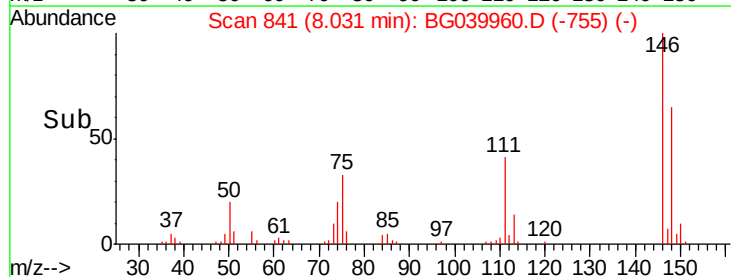
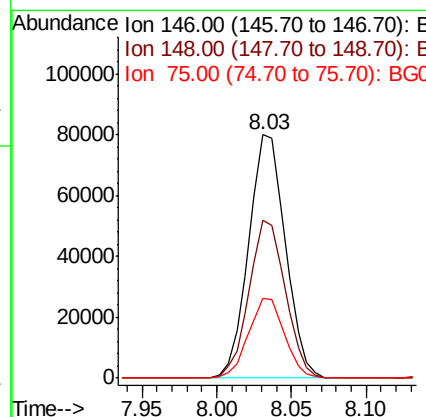
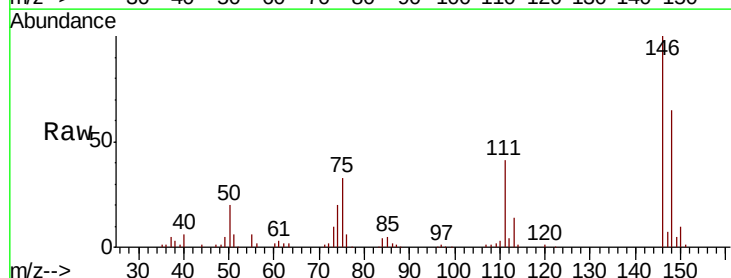
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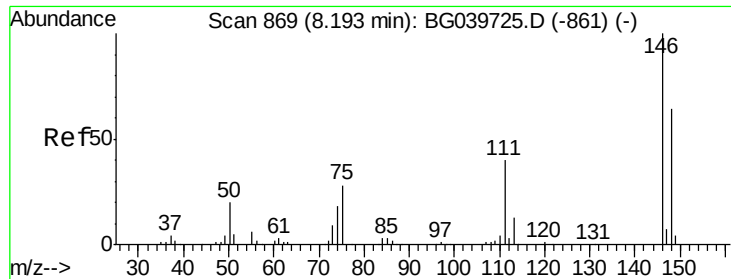
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.991 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
75	32.6	25.8	38.6





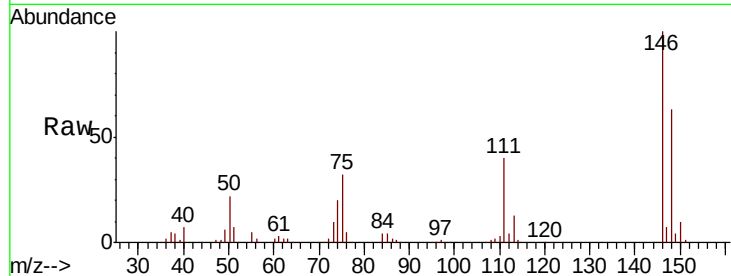
#13
 1,4-Dichlorobenzene
 Concen: 41.286 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampled :
 PB117964BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	39.5	32.6	48.8

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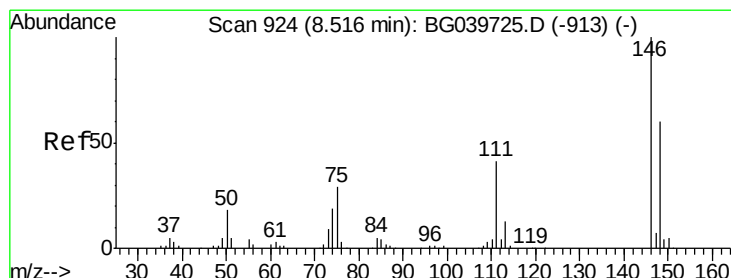
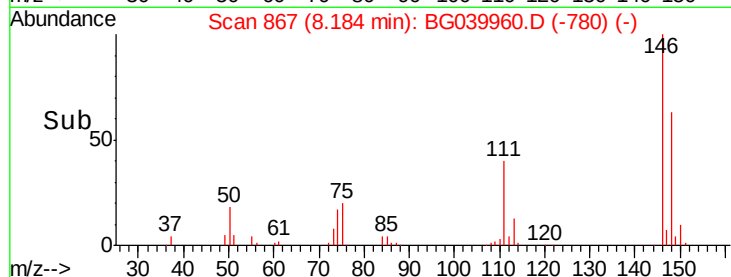
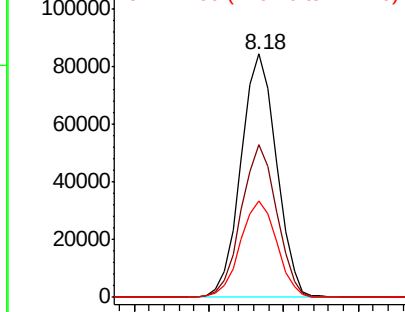


Abundance

Ion 146.00 (145.70 to 146.70): E

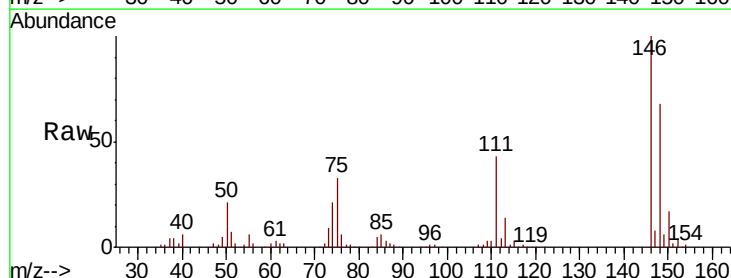
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.344 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	51.5	77.3
111	43.1	33.8	50.6

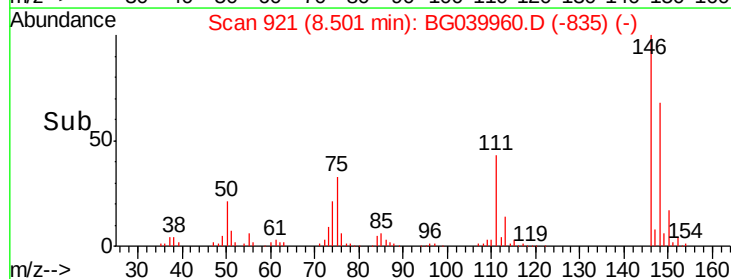
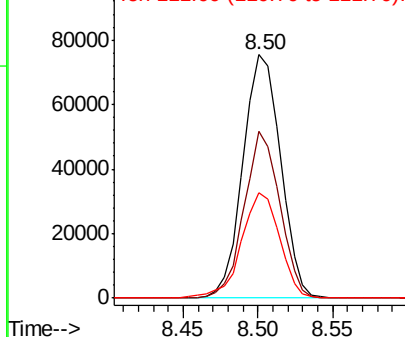


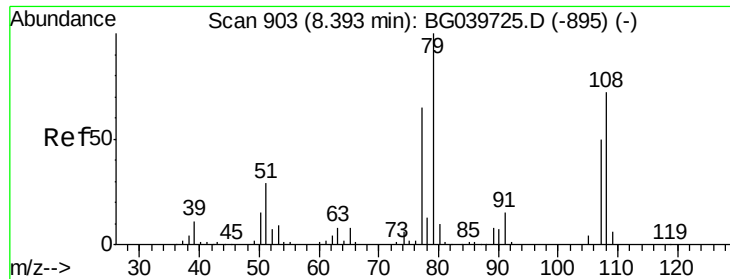
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.324 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

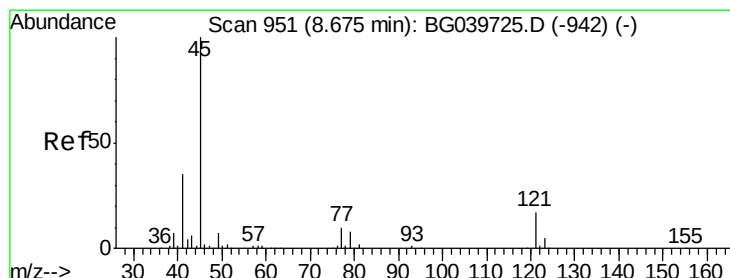
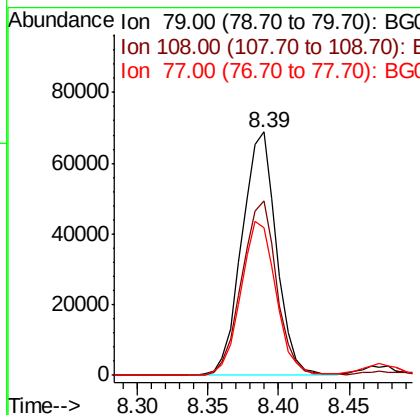
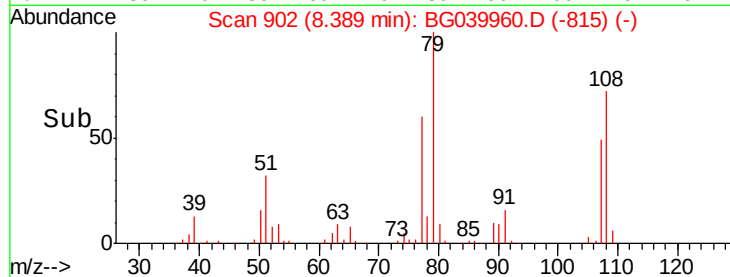
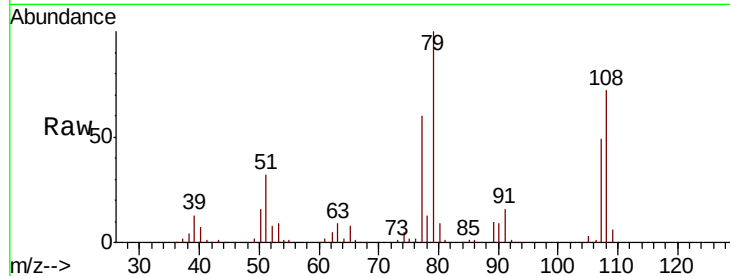
ClientSampleId :

PB117964BS

Tot Ion:	79	Resp:	118113
Ion Ratio	Lower	Upper	
79	100		
108	71.7	57.8	86.6
77	60.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.110 ng

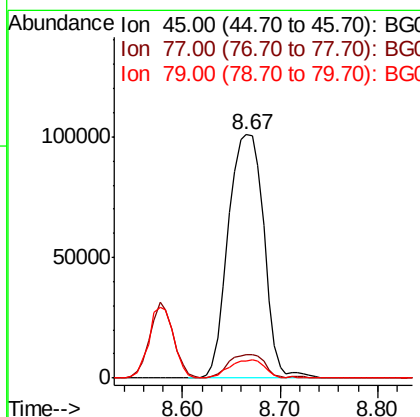
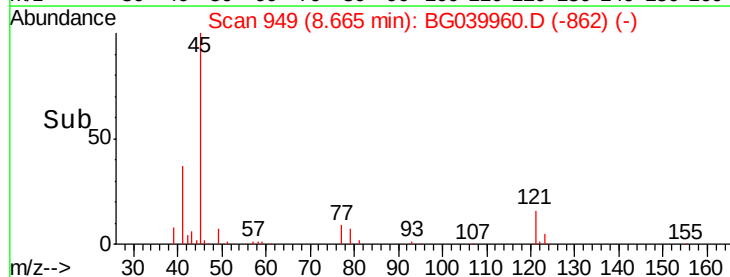
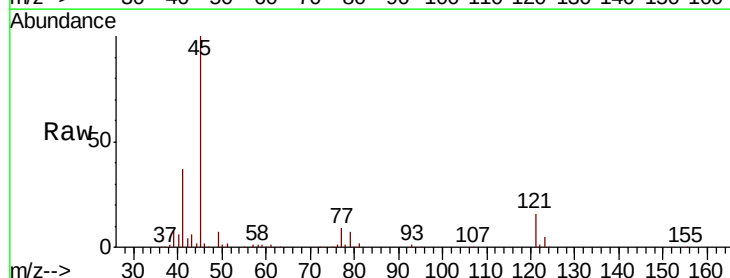
RT: 8.67 min Scan# 949

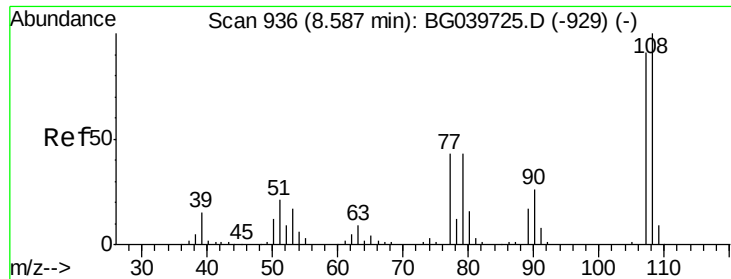
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	45	Resp:	256311
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.0
79	7.2	0.0	27.5





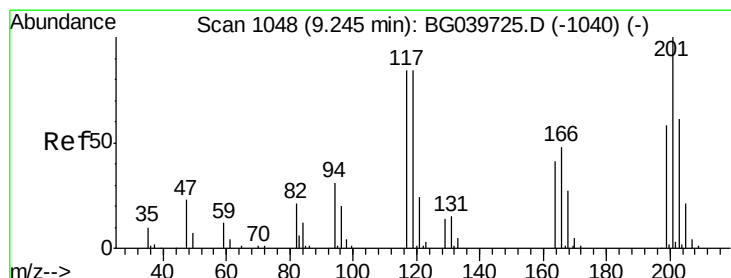
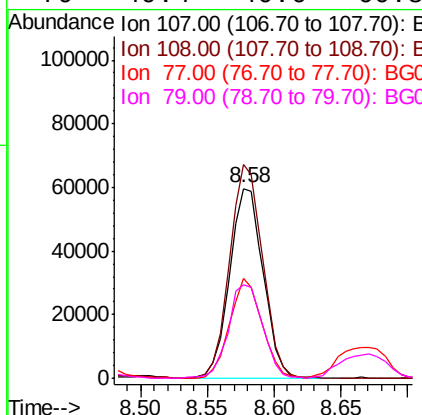
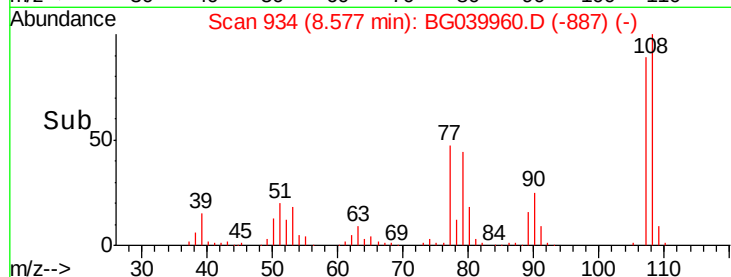
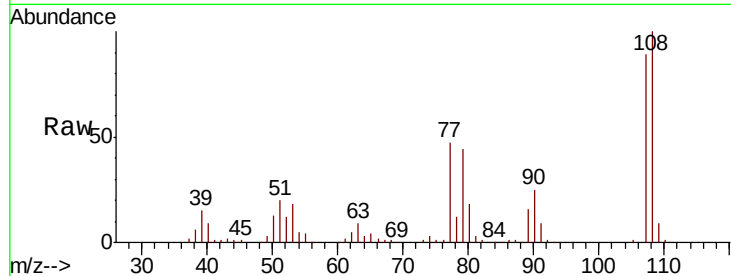
#17
2-Methylphenol
Concen: 41.810 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	90.8	136.2	
77	52.7	40.7	61.1	
79	49.4	40.6	60.8	

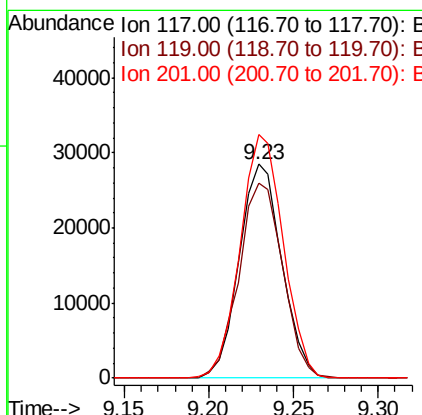
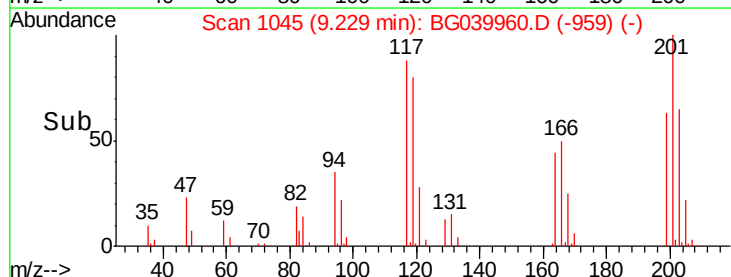
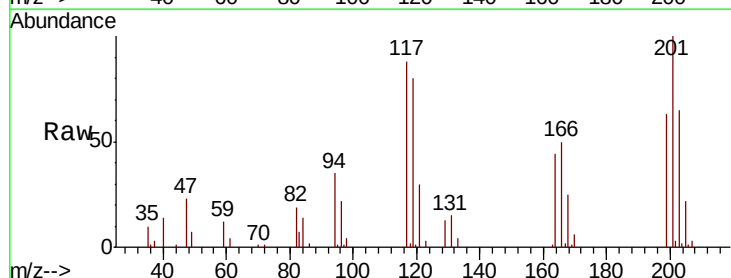
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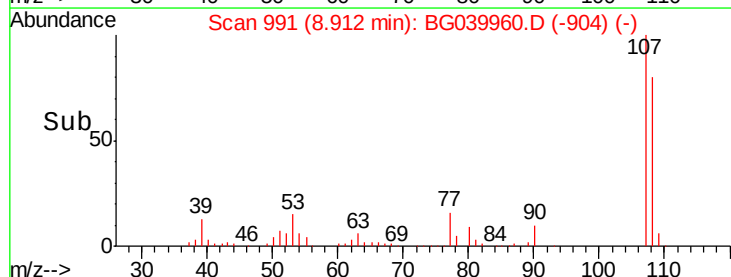
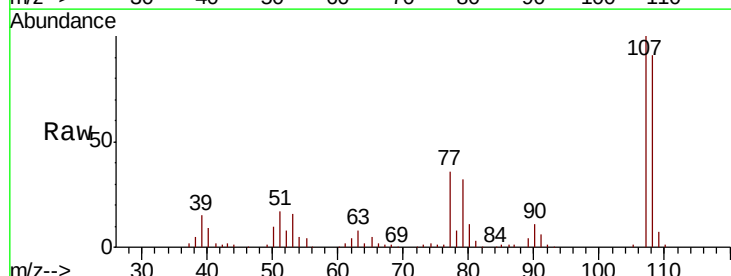
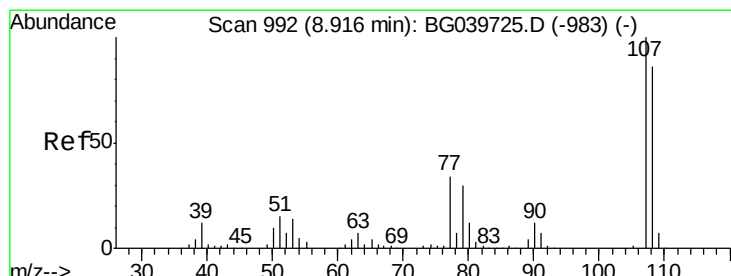
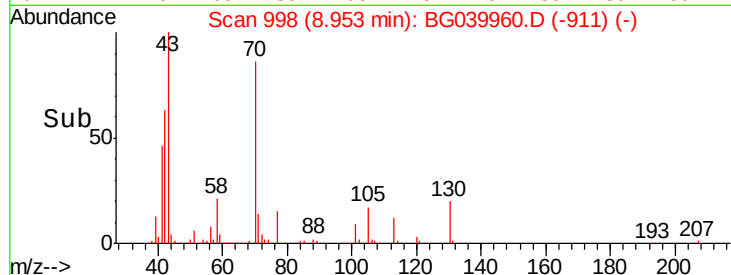
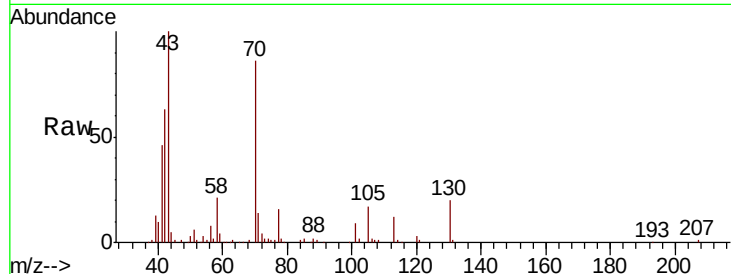
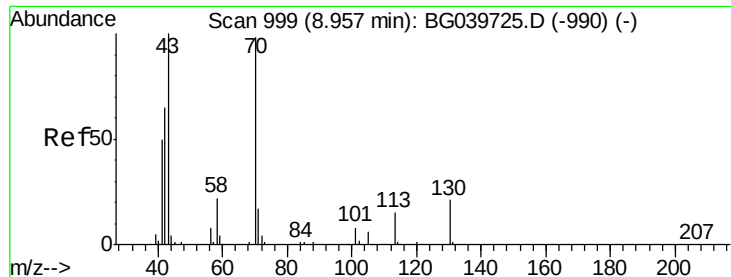
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#18
Hexachloroethane
Concen: 41.108 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

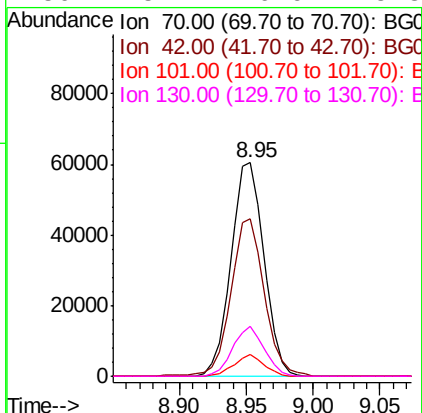
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.9	76.3	114.5	
201	113.7	91.1	136.7	





#19
n-Nitroso-di-n-propylamine
Concen: 40.042 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	73.8	60.4	90.6		
101	10.3	7.5	11.3		
130	23.4	16.9	25.3		



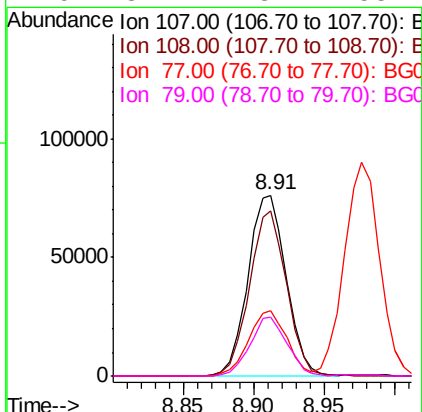
Instrument :
BNA_G
ClientSampleId :
PB117964BS

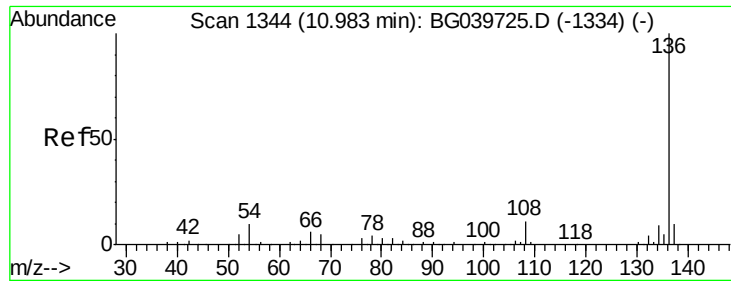
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#20
3+4-Methylphenols
Concen: 41.772 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.0	67.9	107.9		
77	36.4	15.4	55.4		
79	32.4	13.7	53.7		





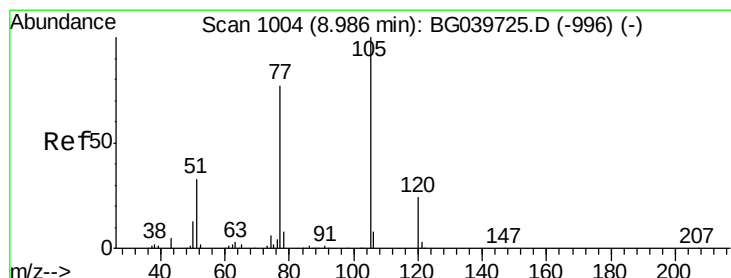
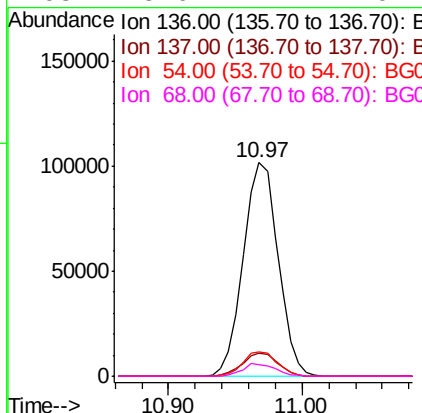
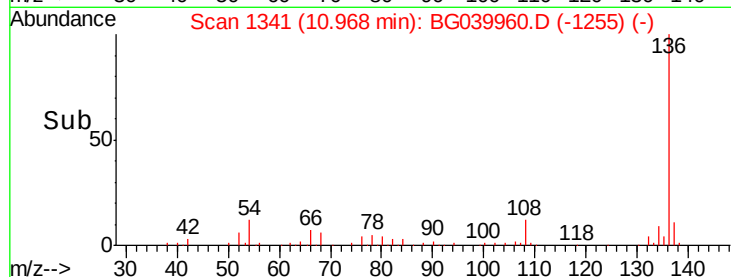
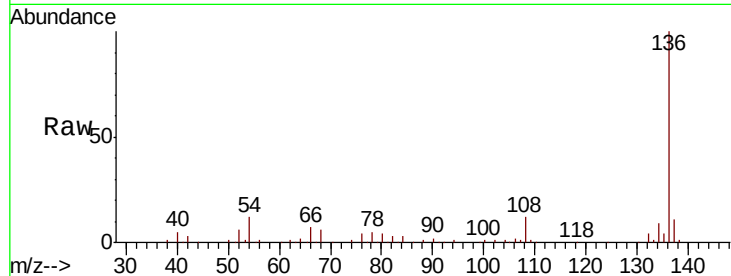
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	11.5	9.4	14.2	
68	5.6	4.2	6.4	

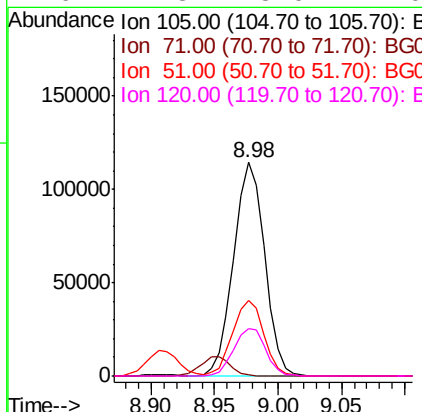
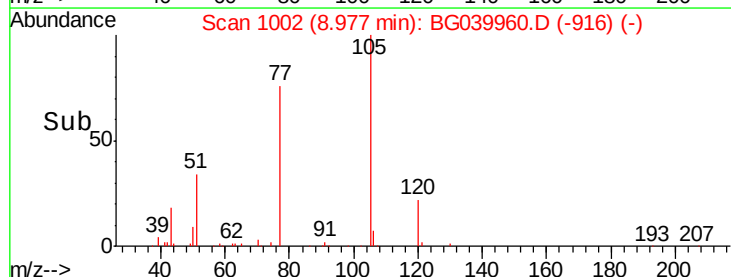
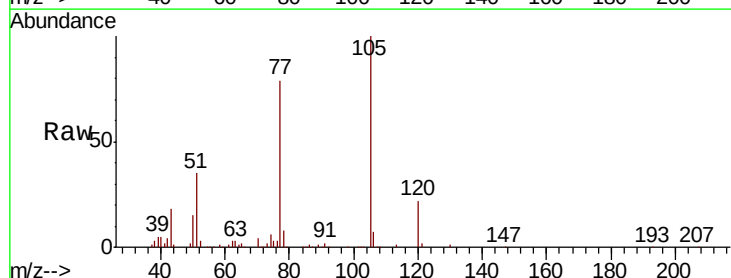
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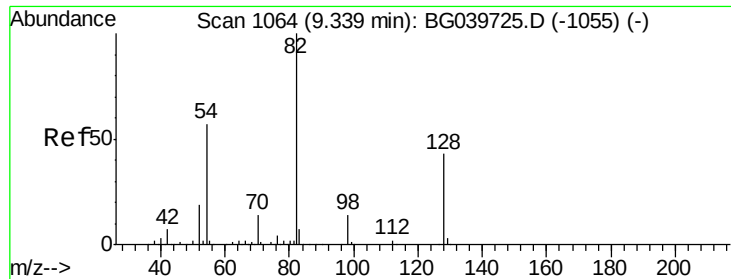
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#22
Acetophenone
Concen: 39.484 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.8	1.2#	
51	35.1	30.2	45.2	
120	22.3	18.0	27.0	





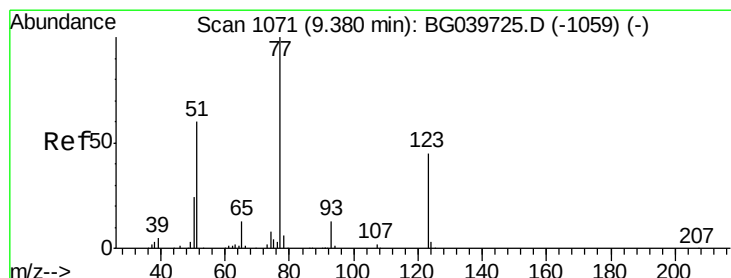
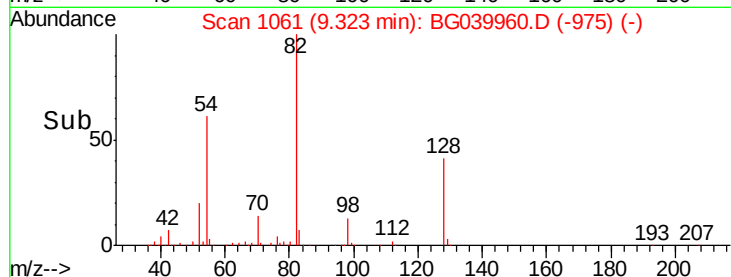
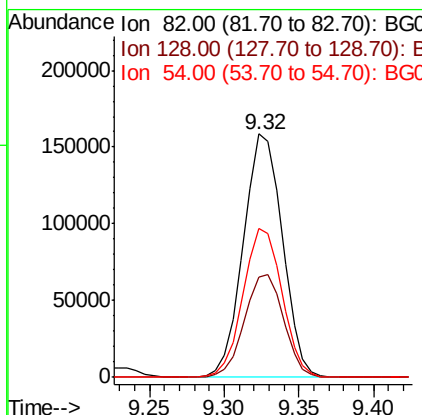
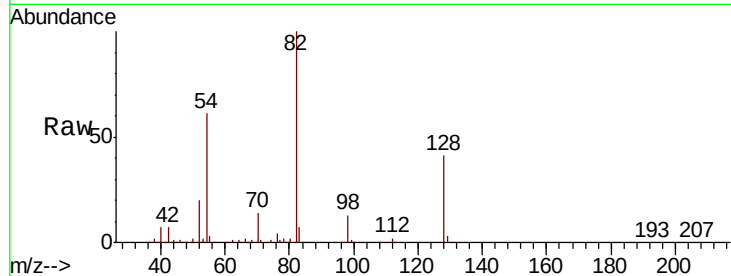
#23
 Nitrobenzene-d5
 Concen: 84.616 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	287418		
128	41.2	31.3	46.9	
54	61.2	50.9	76.3	

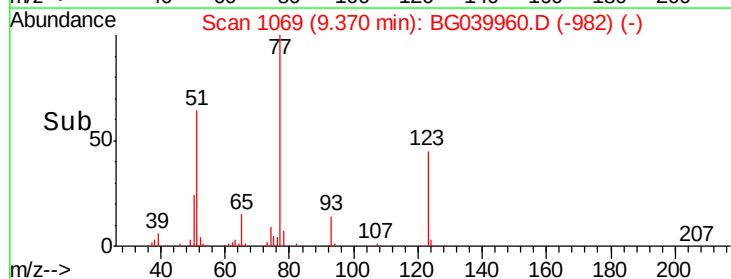
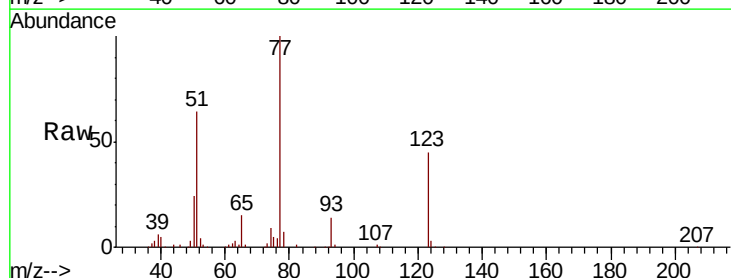
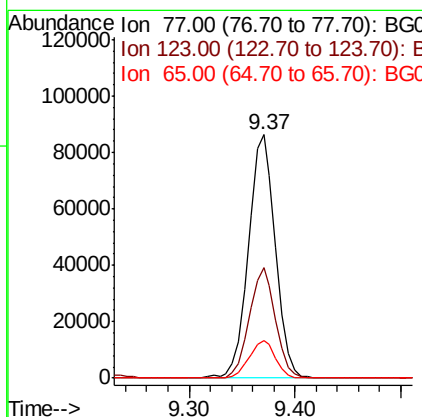
Manual Integrations
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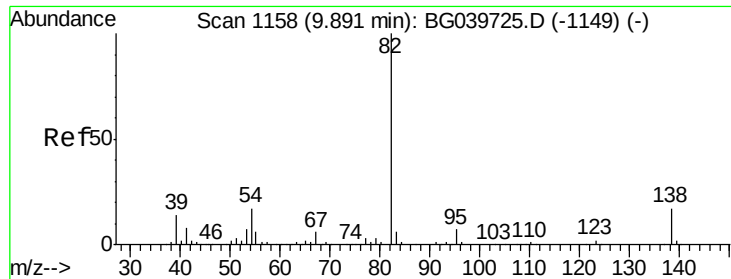
Sohil
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#24
 Nitrobenzene
 Concen: 42.854 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152706		
123	45.4	34.1	51.1	
65	15.2	12.3	18.5	





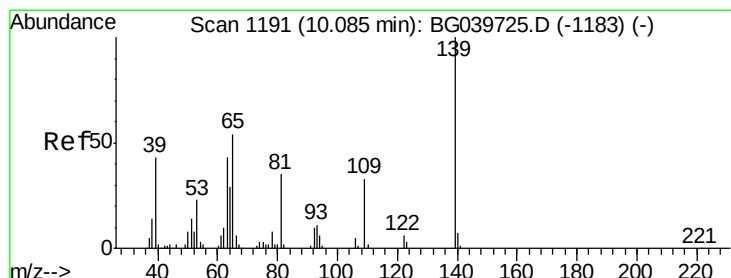
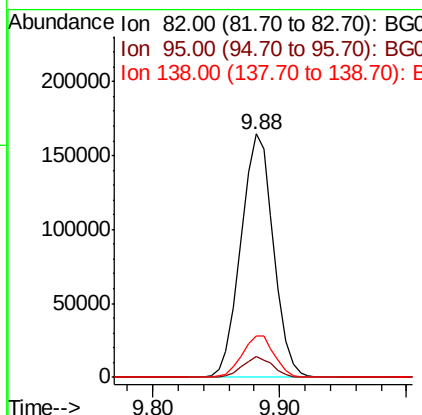
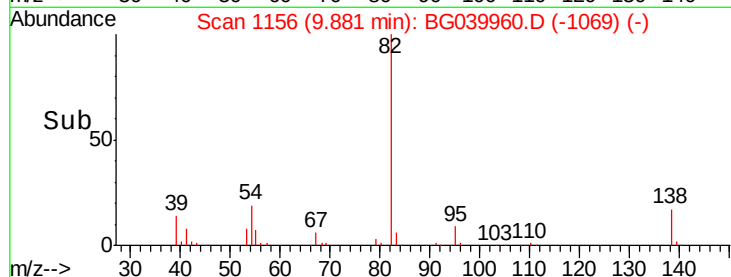
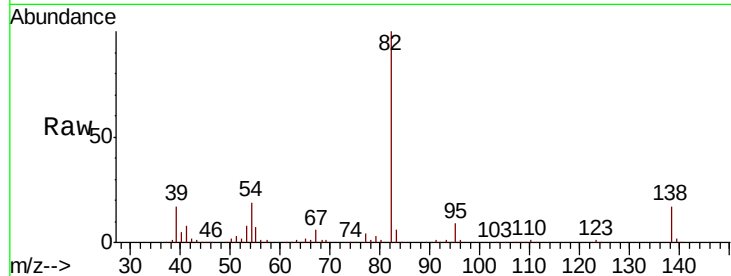
#25
Isophorone
Concen: 41.067 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292284		
95	8.7		6.2	9.2
138	17.0		13.0	19.4

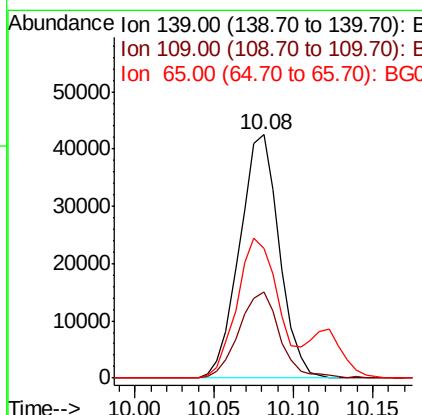
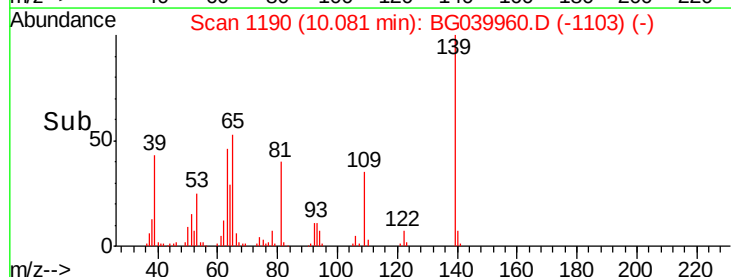
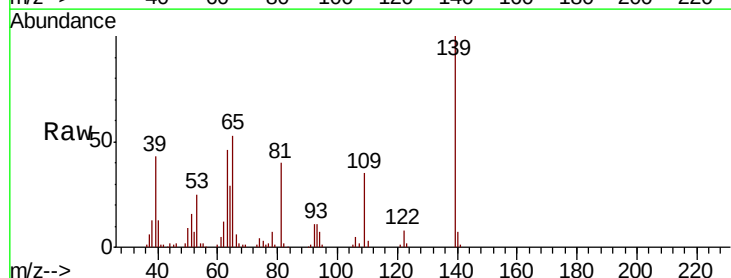
Manual Integrations
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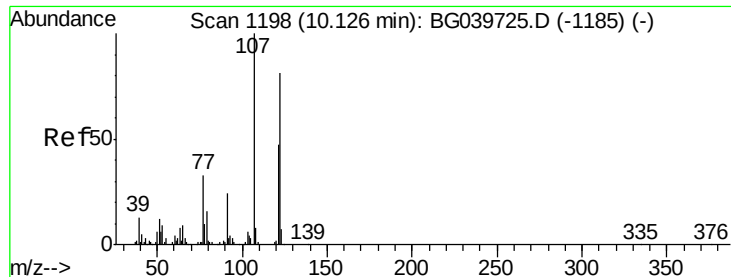
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#26
2-Nitrophenol
Concen: 42.956 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	73905		
109	35.4		23.4	35.0#
65	53.4		44.3	66.5





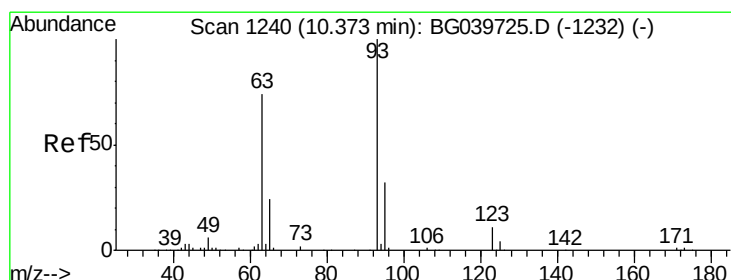
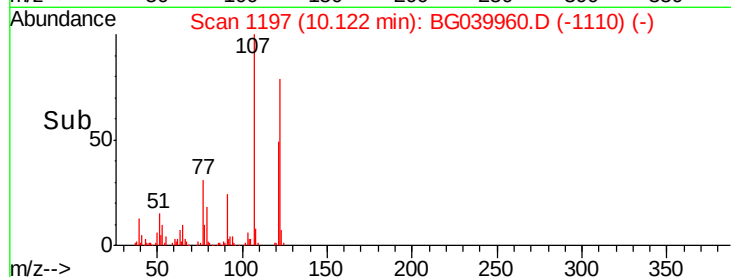
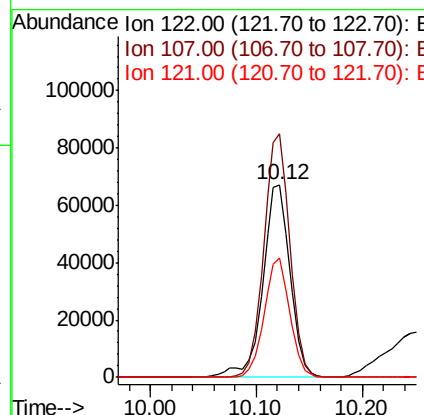
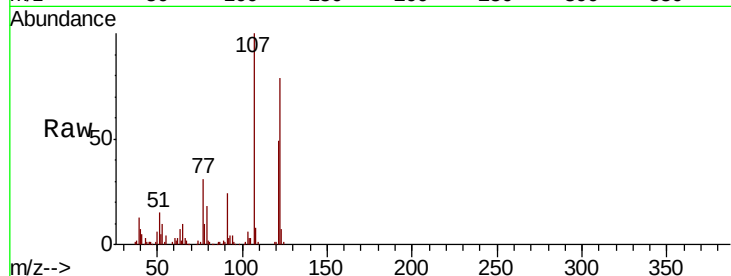
#27
 2,4-Dimethylphenol
 Concen: 45.113 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampled :
 PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	120712		
107	126.3	91.7	137.5	
121	61.8	46.4	69.6	

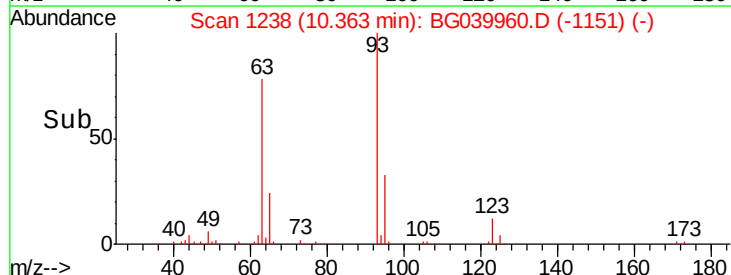
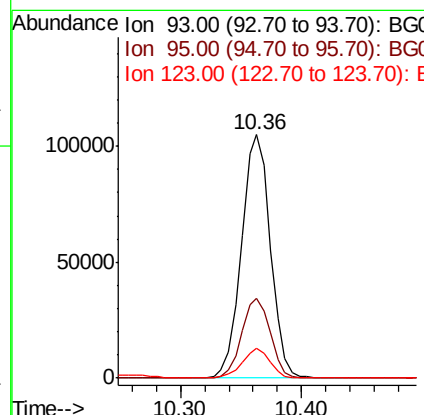
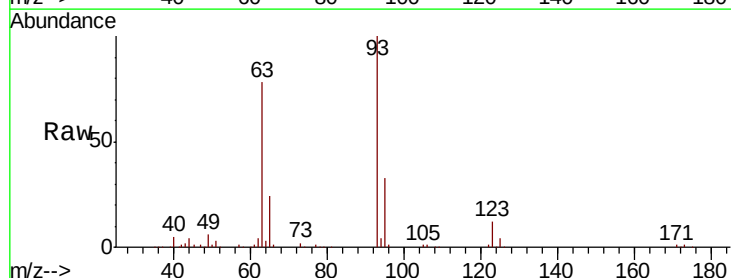
Manual Integrations
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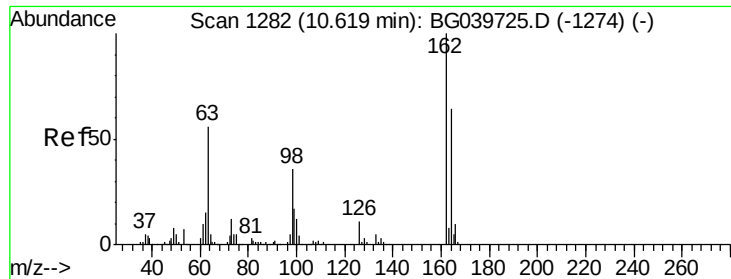
Sohil
 3/18/2019 3:02:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.380 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	174650		
95	33.0	25.0	37.4	
123	12.1	8.6	12.8	





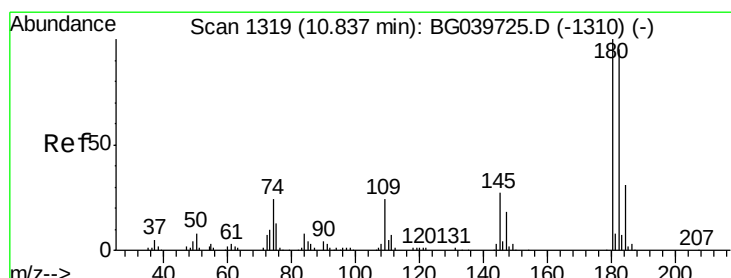
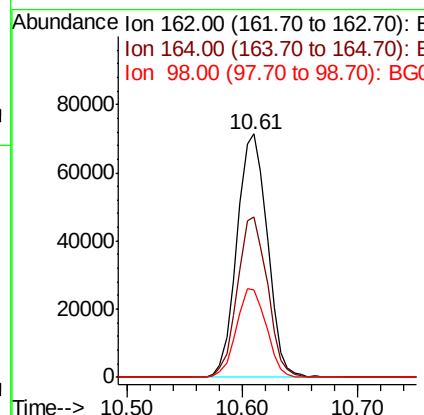
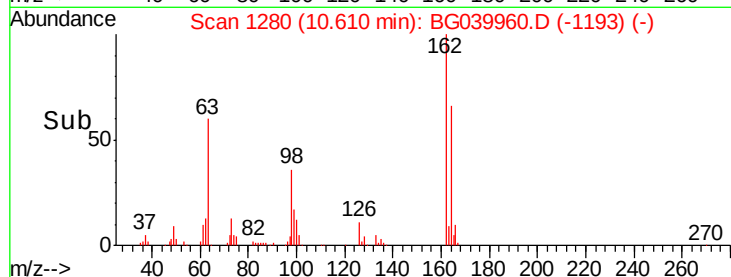
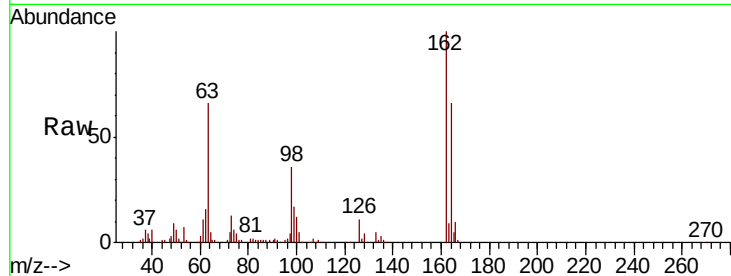
#29
2,4-Dichlorophenol
Concen: 43.279 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	48.1	88.1
98	35.9	18.1	58.1

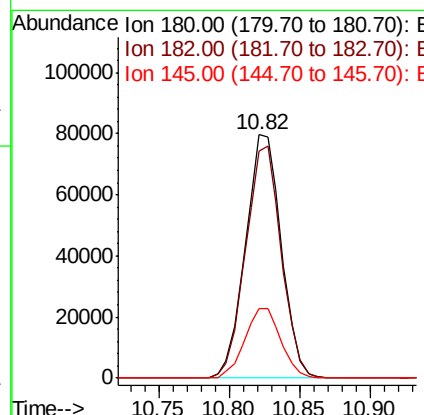
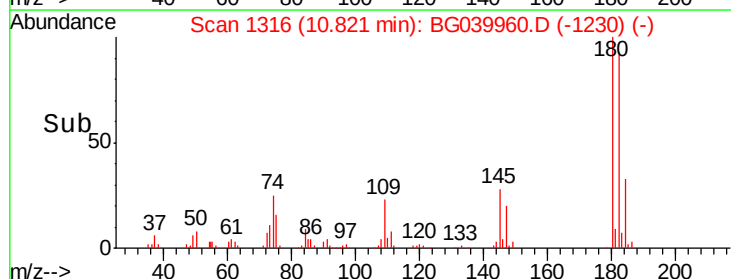
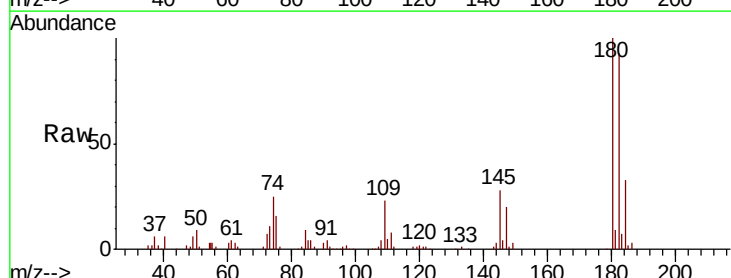
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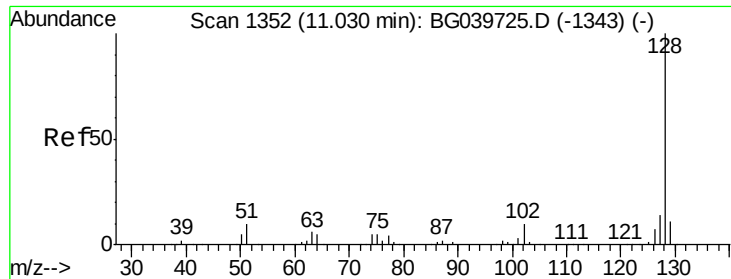
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#30
1,2,4-Trichlorobenzene
Concen: 41.701 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.2	76.0	114.0
145	28.4	22.7	34.1





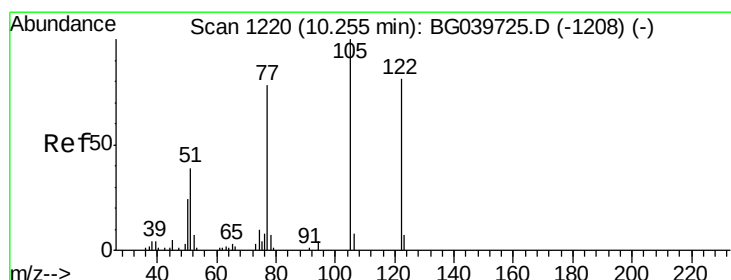
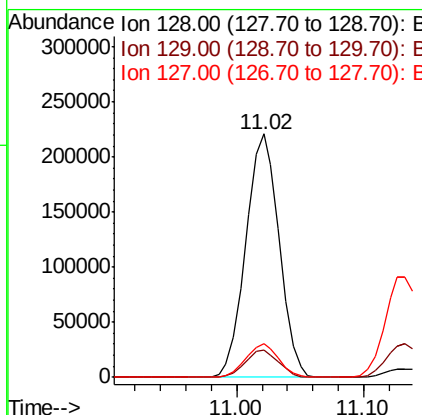
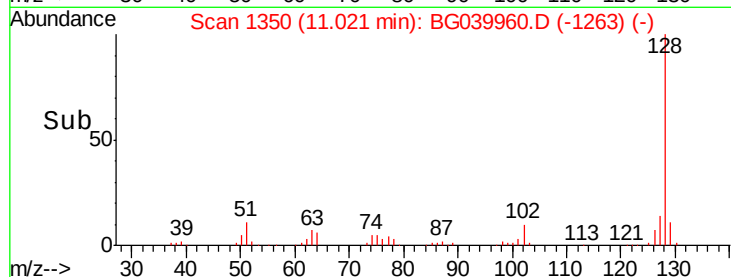
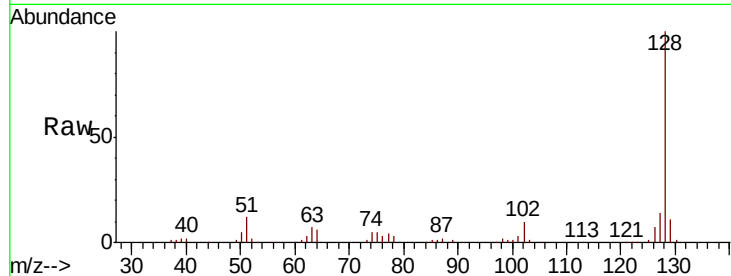
#31
Naphthalene
Concen: 41.366 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.8	10.8	16.2

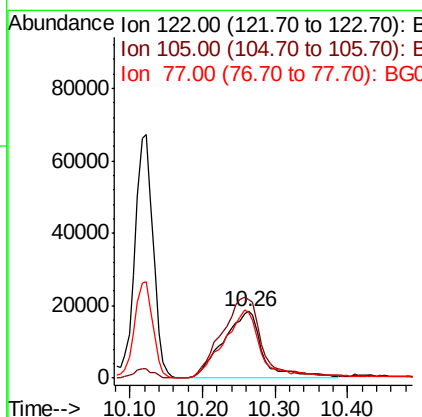
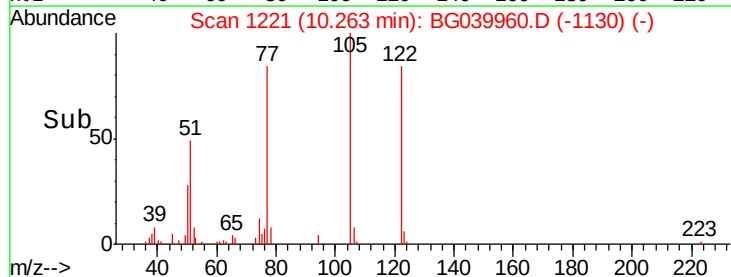
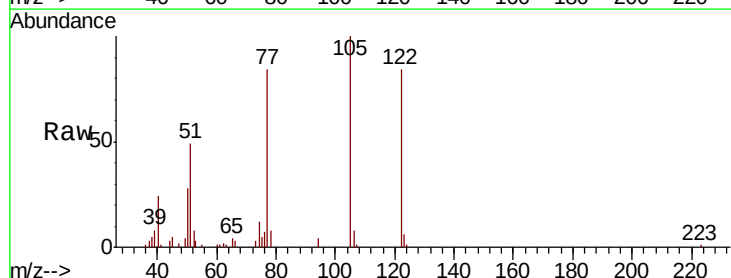
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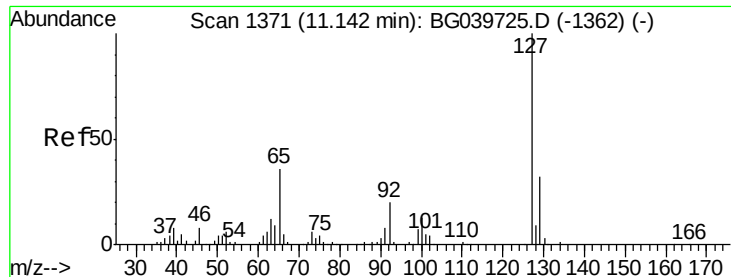
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#32
Benzoic acid
Concen: 39.561 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	101.8	141.8
77	99.4	76.3	116.3





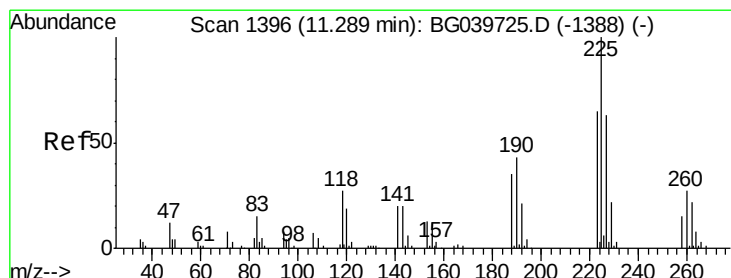
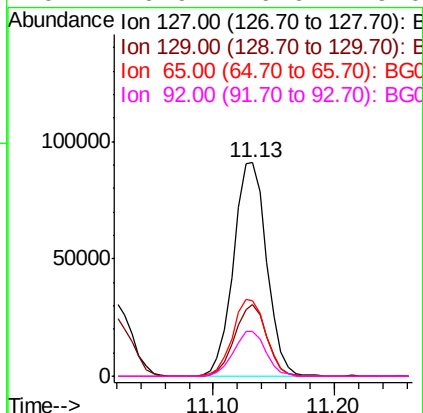
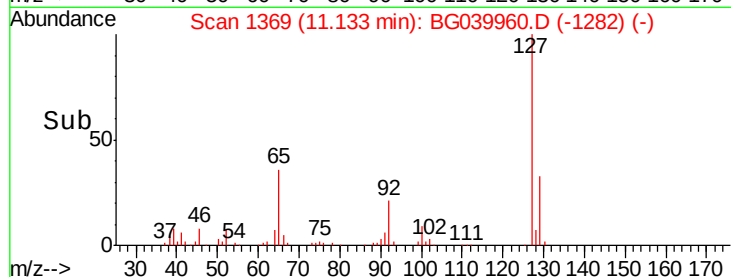
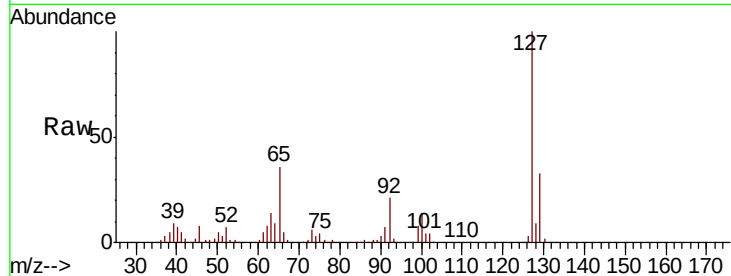
#33
4-Chloroaniline
Concen: 42.310 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	27.0	40.4		
65	35.6	28.8	43.2		
92	20.9	16.6	25.0		

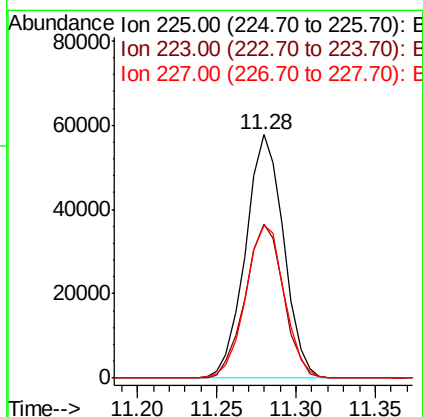
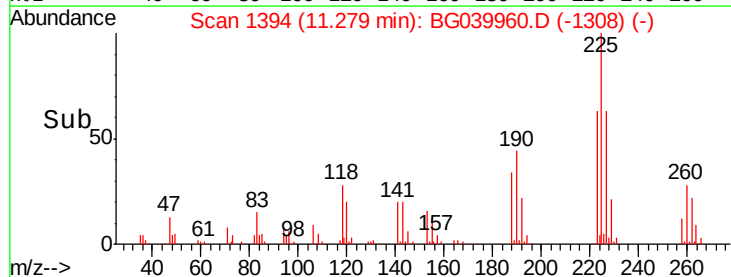
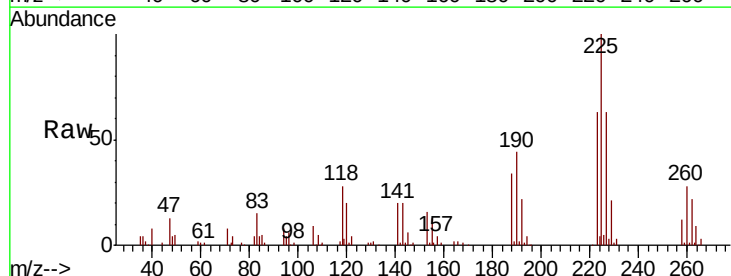
Manual Integrations
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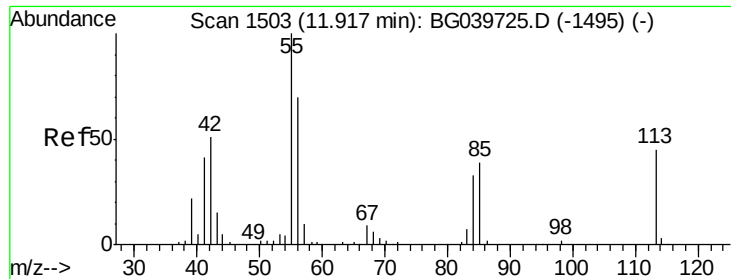
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#34
Hexachlorobutadiene
Concen: 41.655 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.0	73.6		
227	62.9	46.3	69.5		





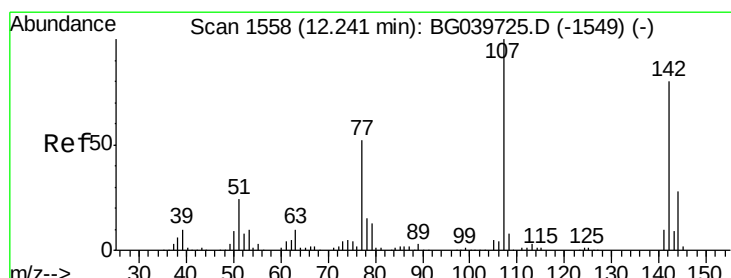
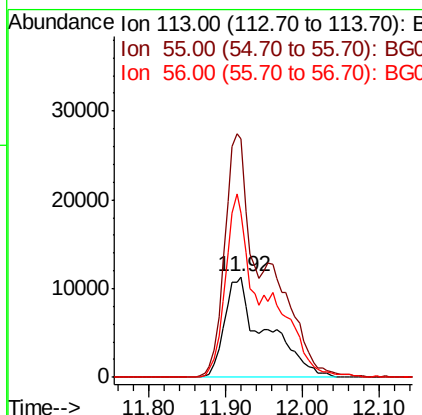
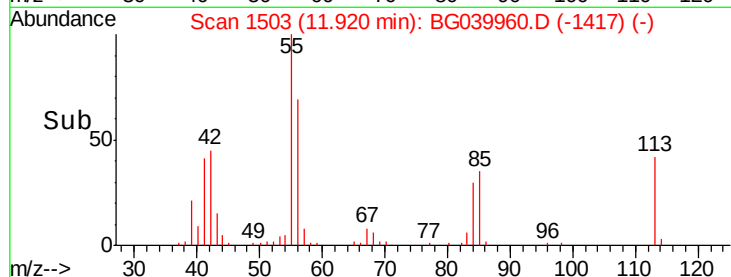
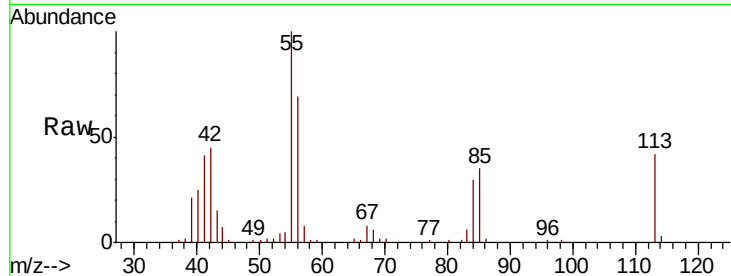
#35
Caprolactam
Concen: 36.475 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	236.9	216.9	256.9
56	163.4	152.6	192.6

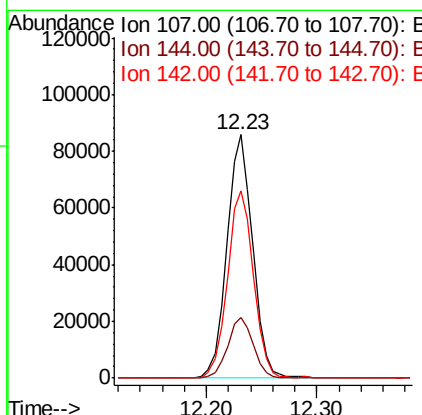
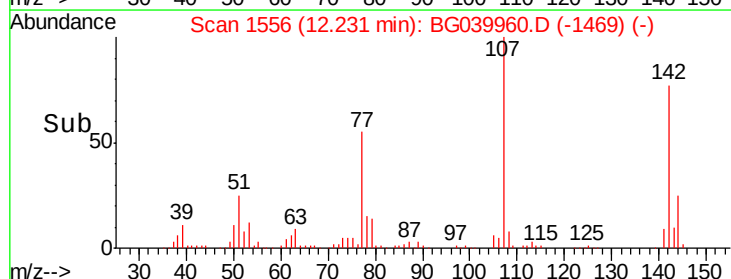
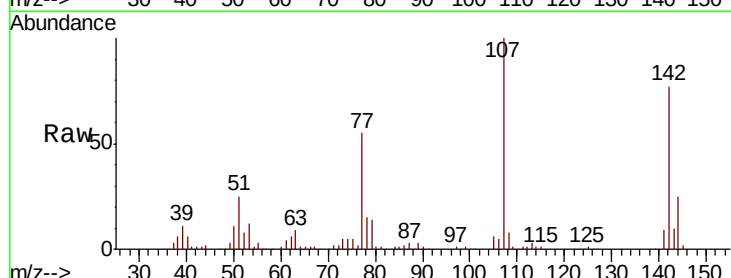
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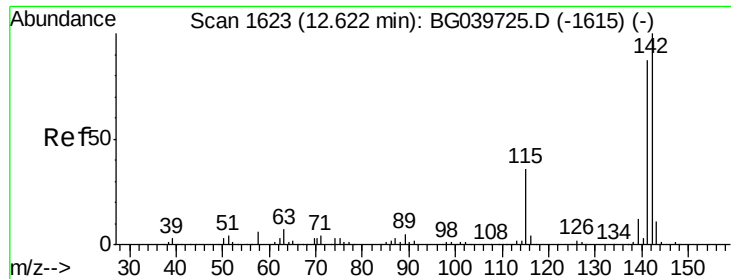
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#36
4-Chloro-3-methylphenol
Concen: 40.659 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.2	30.2
142	77.1	61.4	92.2





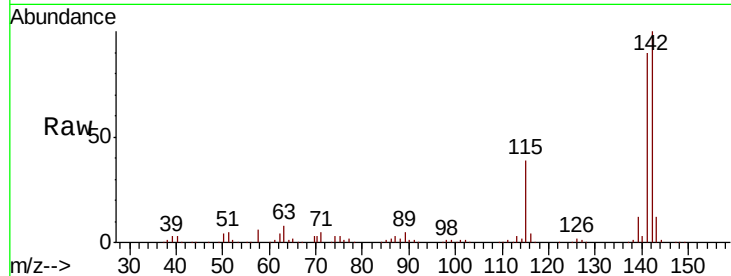
#37
2-Methylnaphthalene
Concen: 42.239 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	39.0	30.8	46.2

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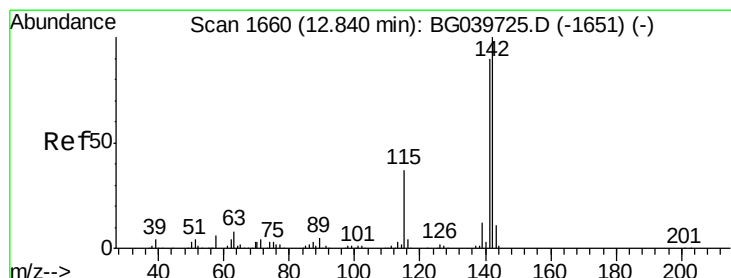
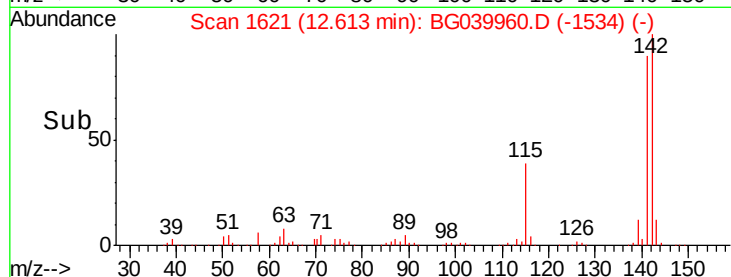
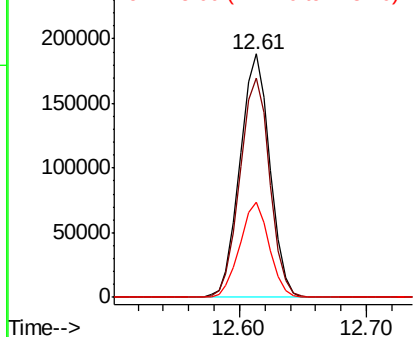


Abundance

Ion 142.00 (141.70 to 142.70): E

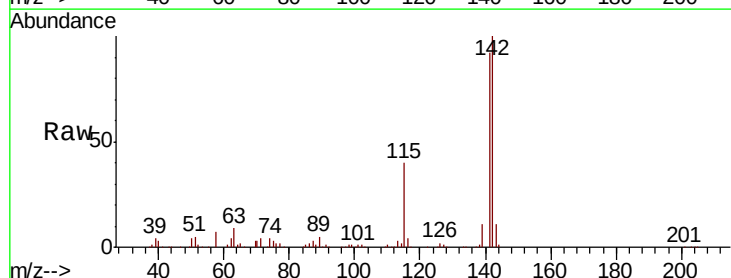
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.091 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.2	3.0	4.6

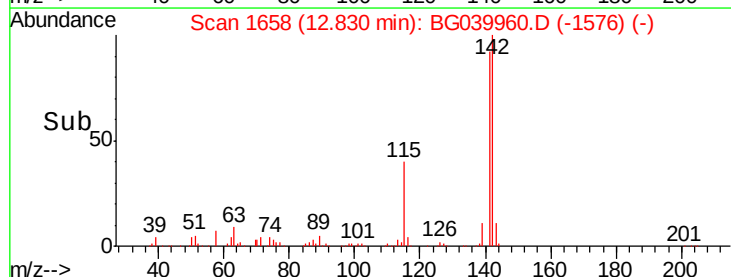
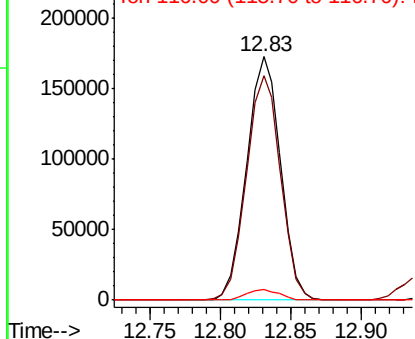


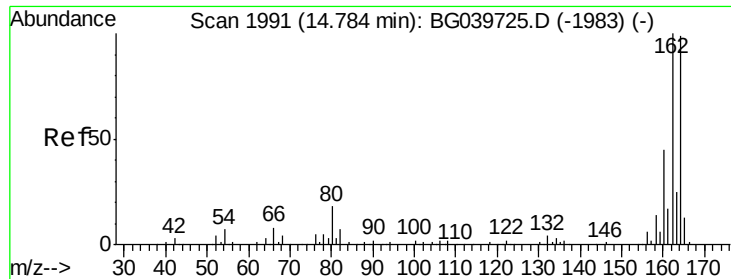
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

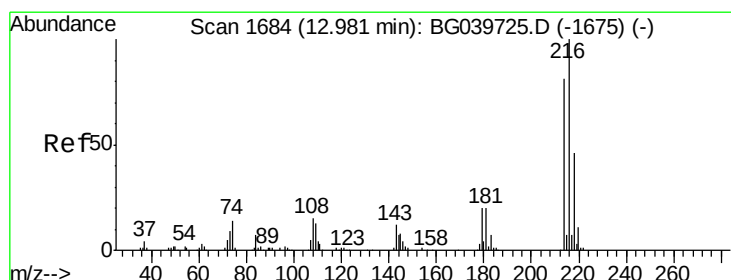
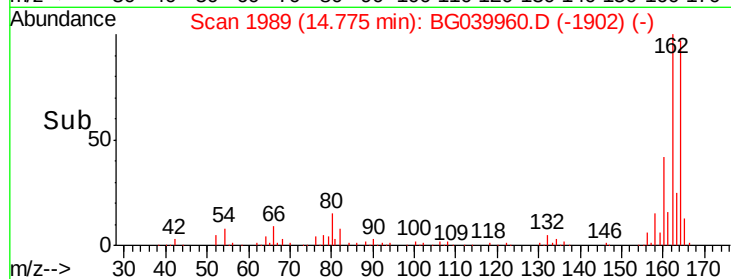
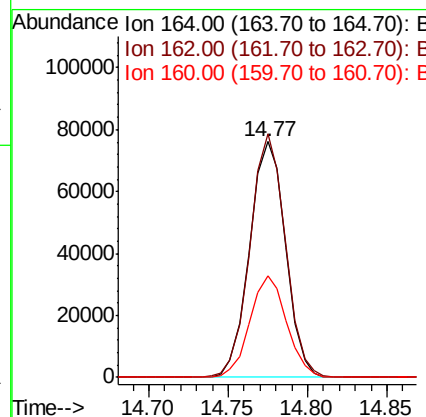
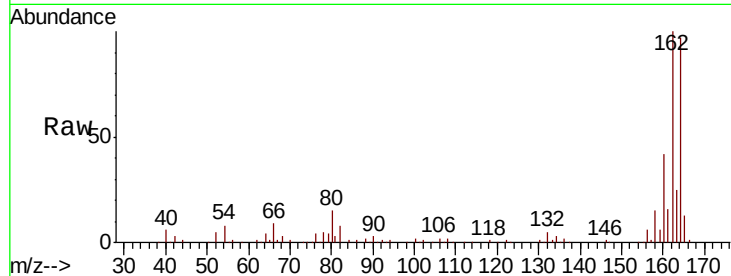
ClientSampled :

PB117964BS

Tot Ion:	164	Resp:	119627
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	43.2	34.2	51.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.183 ng

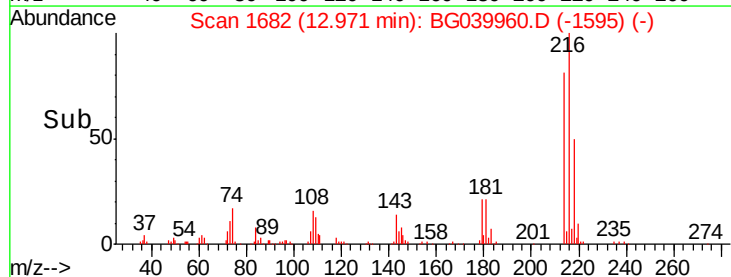
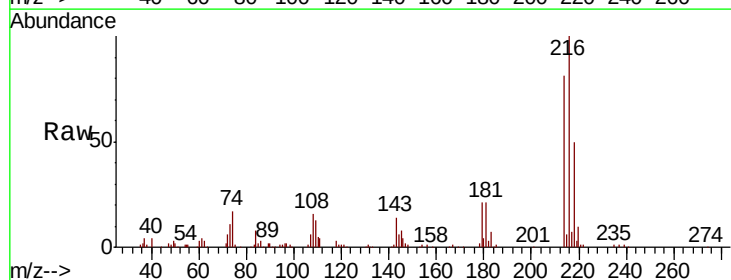
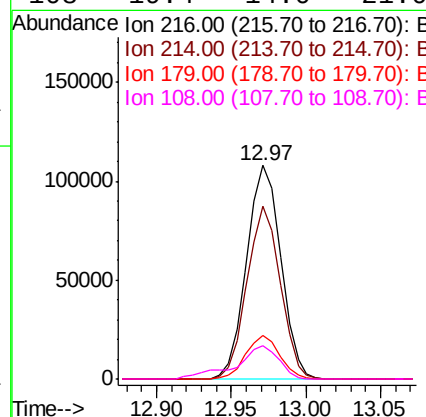
RT: 12.97 min Scan# 1682

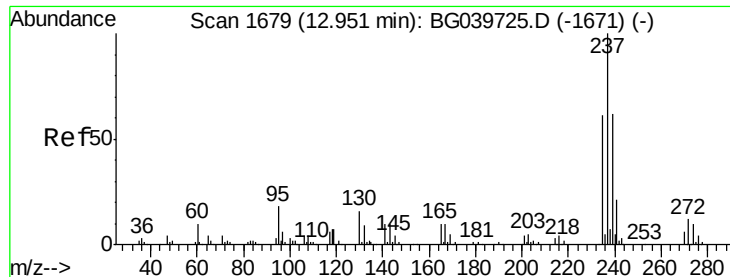
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	216	Resp:	170953
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	94.0
179	20.1	16.6	25.0
108	19.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 110.202 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

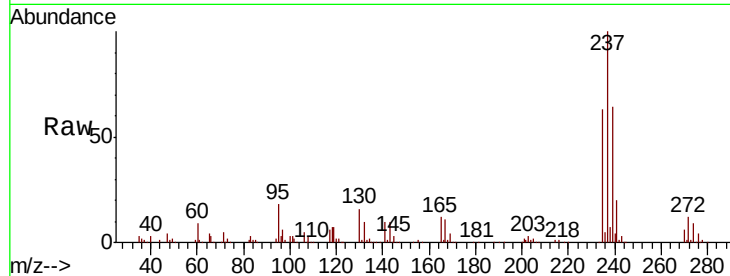
ClientSampleId :

PB117964BS

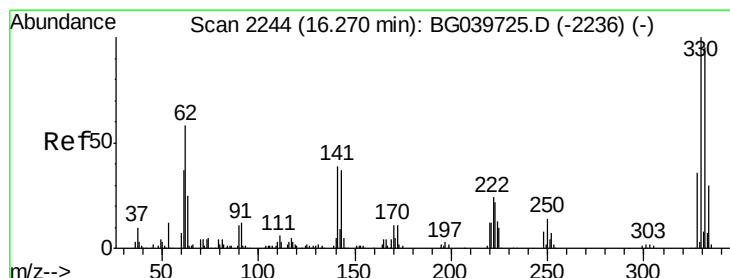
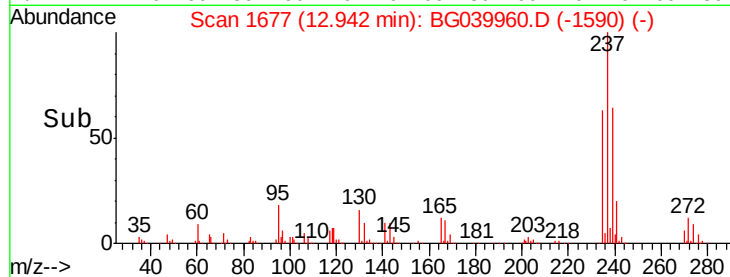
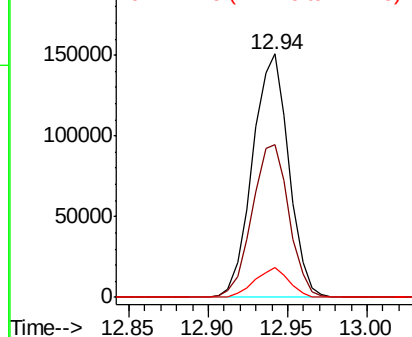
Tot Ion:	237	Resp:	239342
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	12.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 79.322 ng

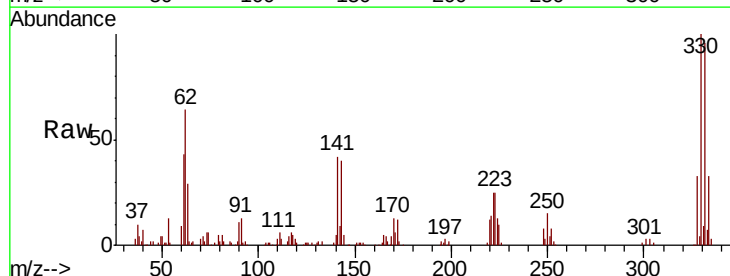
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

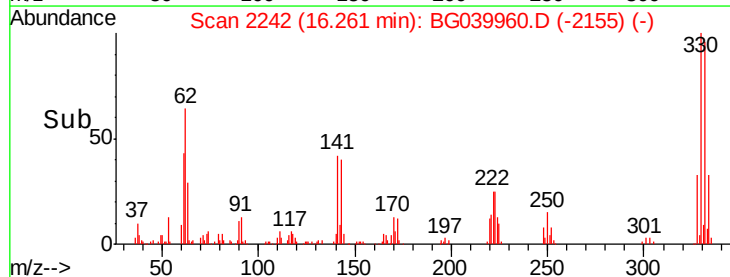
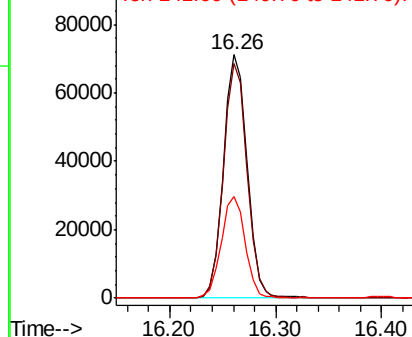
Lab File: BG039960.D

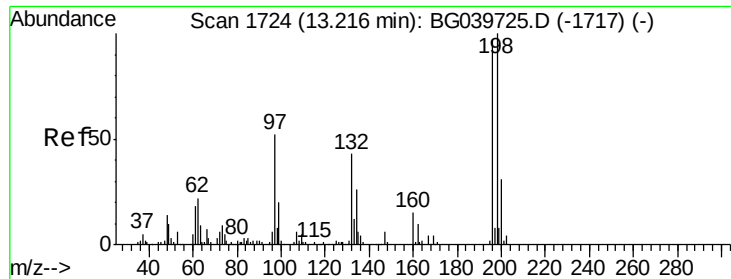
Acq: 16 Mar 2019 3:53

Tgt Ion:	330	Resp:	110602
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	42.2	35.6	53.4



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





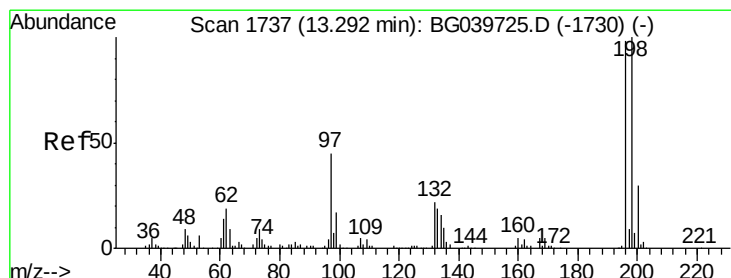
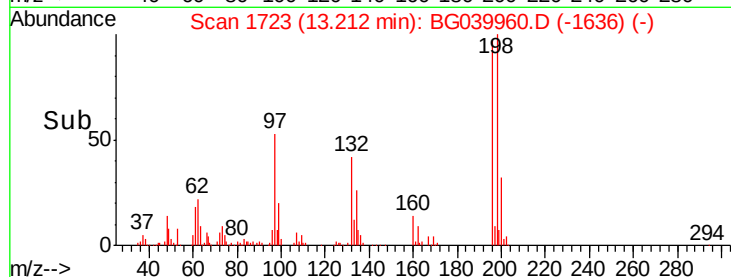
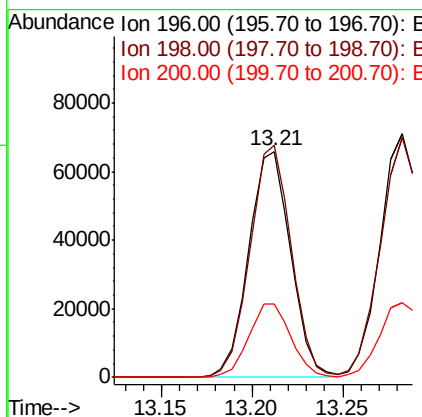
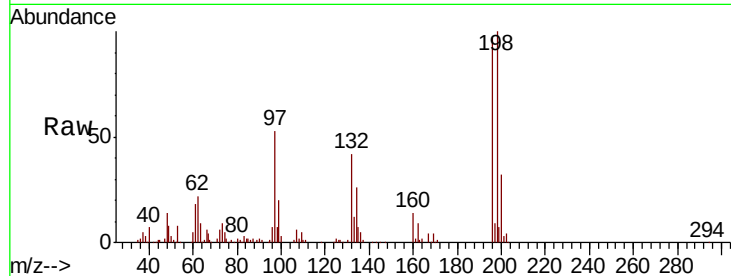
#43
 2,4,6-Trichlorophenol
 Concen: 44.608 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105840		
198	103.0	80.6	121.0	
200	32.8	26.1	39.1	

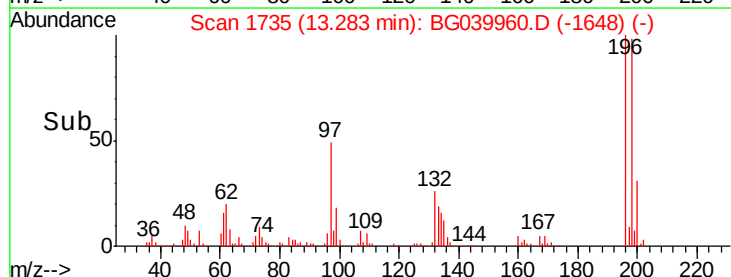
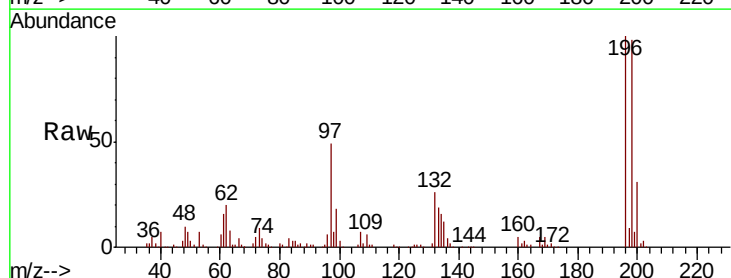
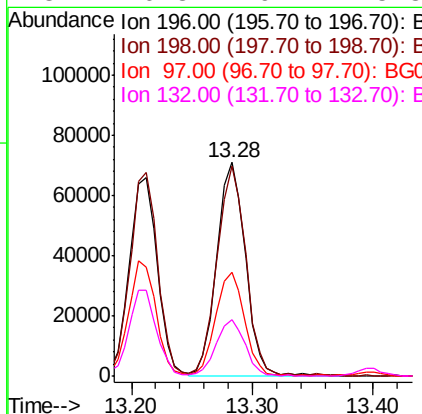
Manual Integrations
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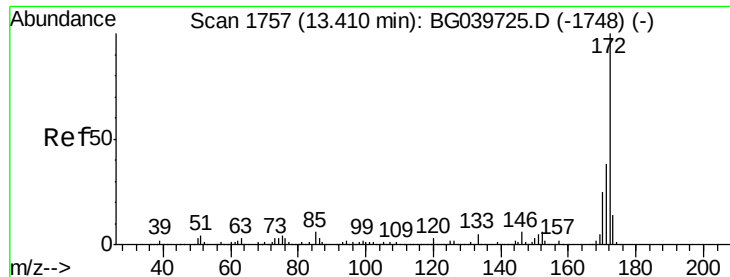
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#44
 2,4,5-Trichlorophenol
 Concen: 43.481 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116286		
198	98.4	78.5	117.7	
97	48.7	38.4	57.6	
132	26.3	19.2	28.8	





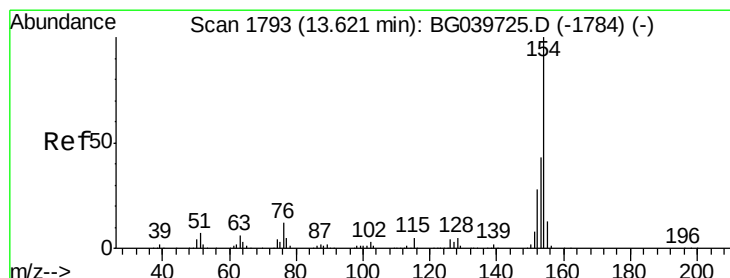
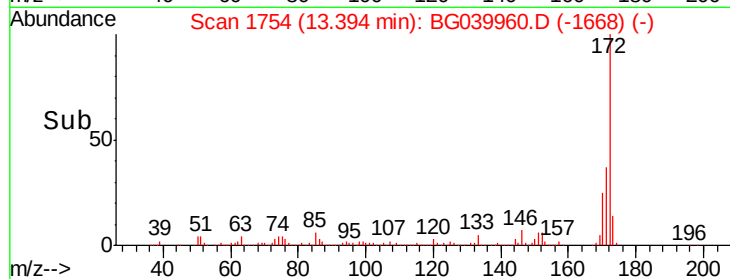
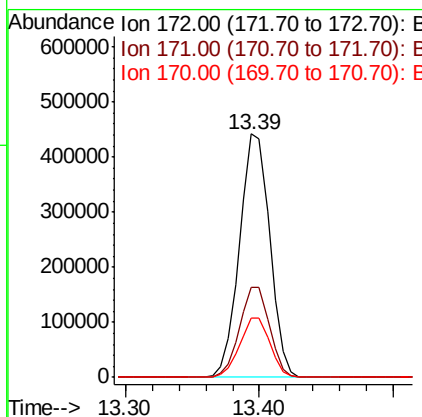
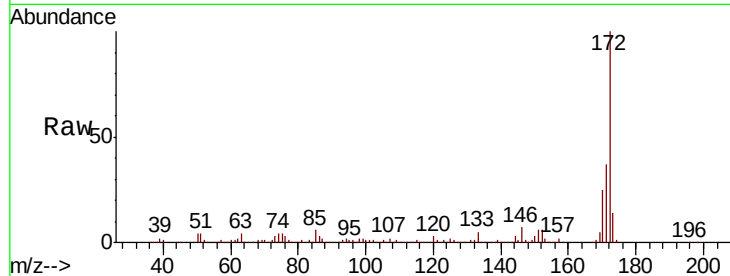
#45
2-Fluorobiphenyl
Concen: 82.335 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.6	20.2	30.4

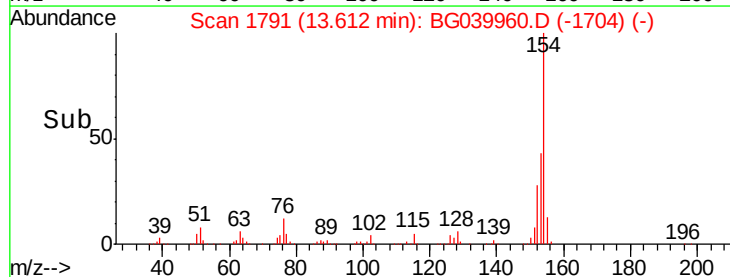
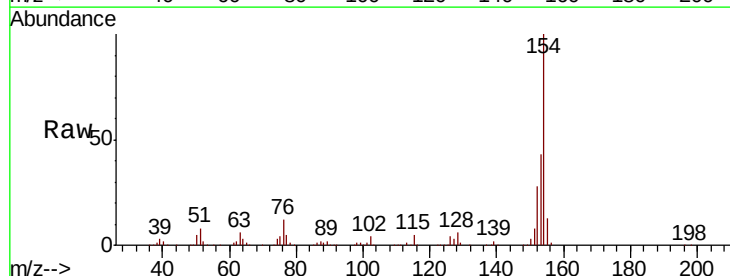
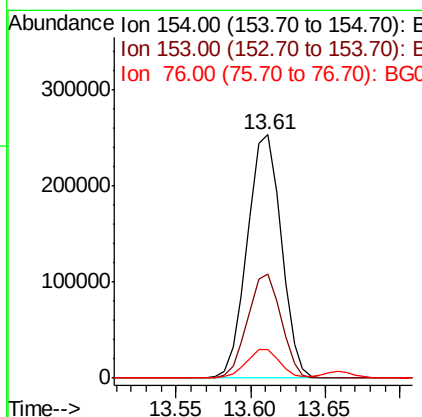
Manual Integrations
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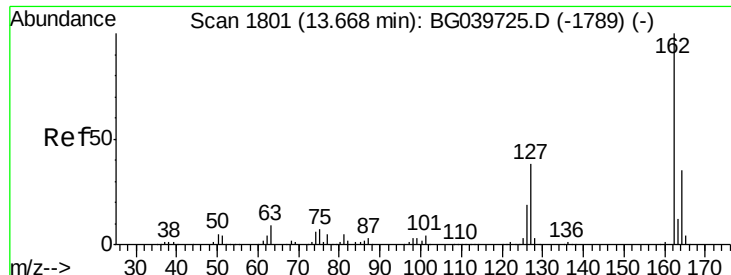
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#46
1,1'-Biphenyl
Concen: 40.590 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.9	22.1	62.1
76	11.5	0.0	32.4





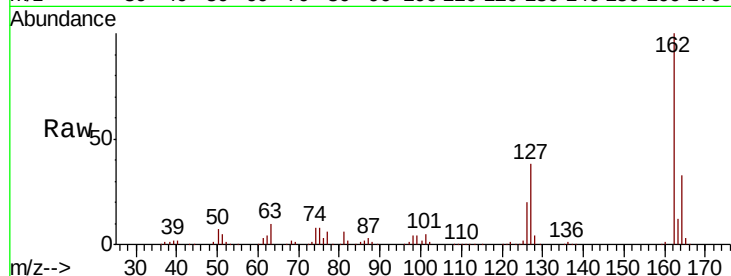
#47
2-Chloronaphthalene
Concen: 41.816 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

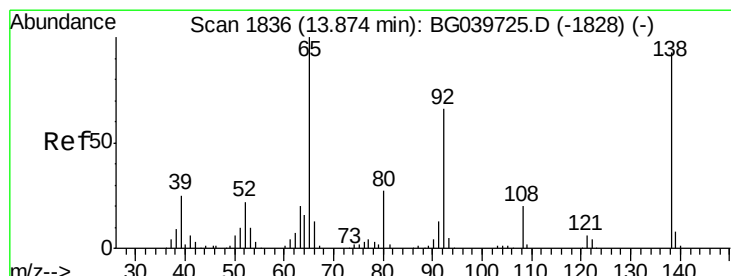
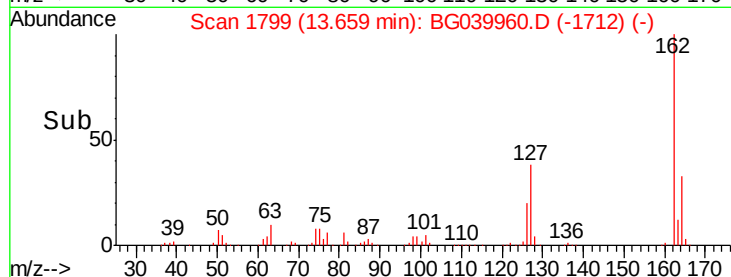
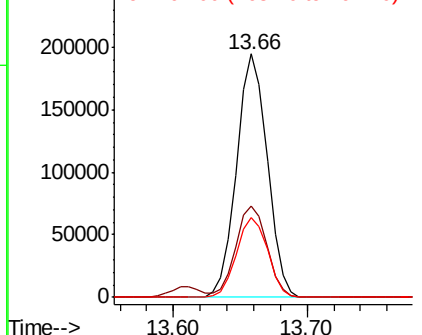
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.0	46.6
164	32.8	25.7	38.5

Manual Integrations
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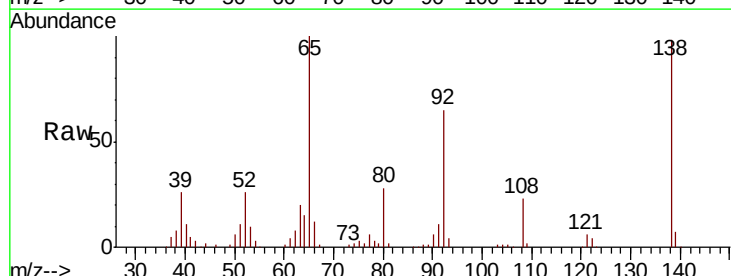


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

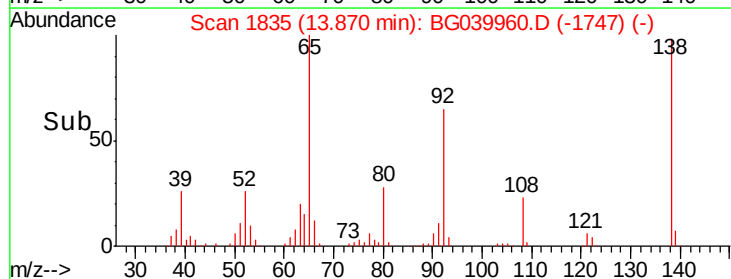
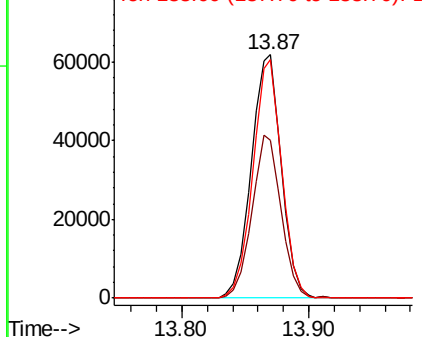


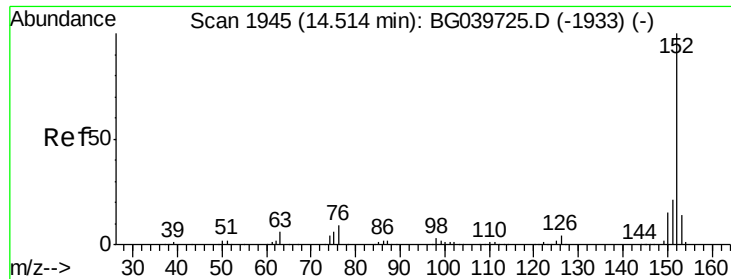
#48
2-Nitroaniline
Concen: 42.866 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.4	77.2
138	98.1	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.600 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

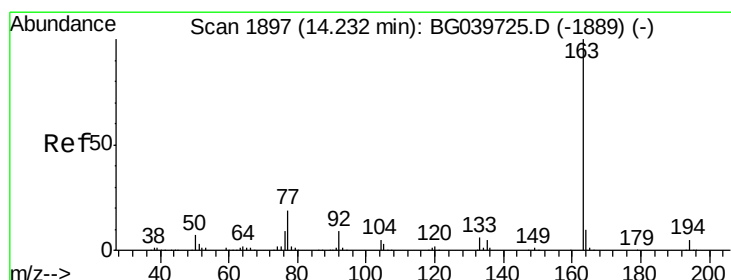
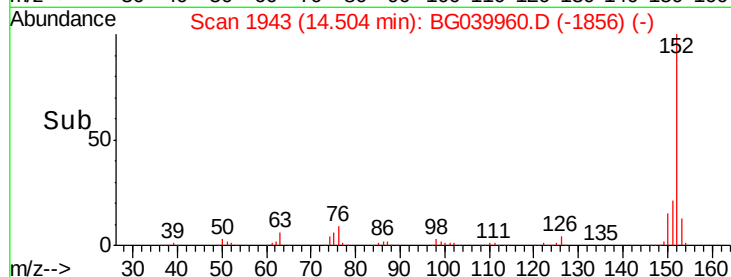
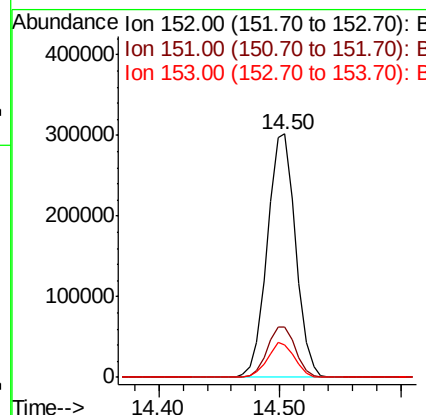
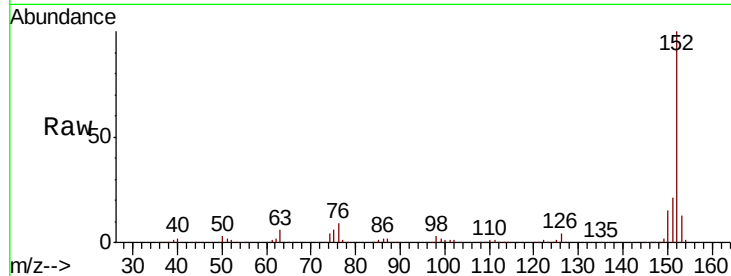
ClientSampleId :

PB117964BS

Tot Ion:	152	Resp:	493330
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.2	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.052 ng

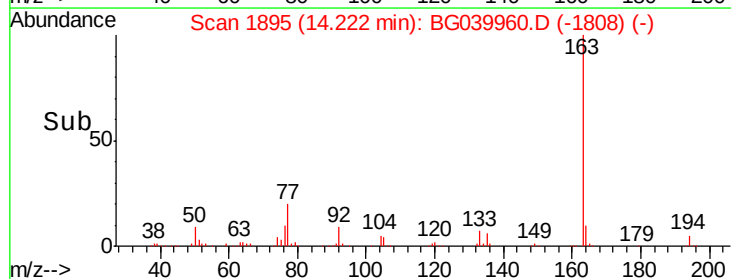
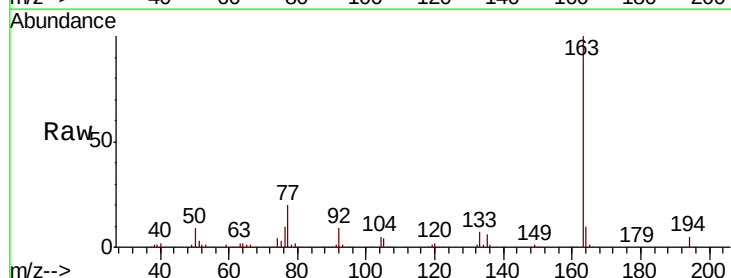
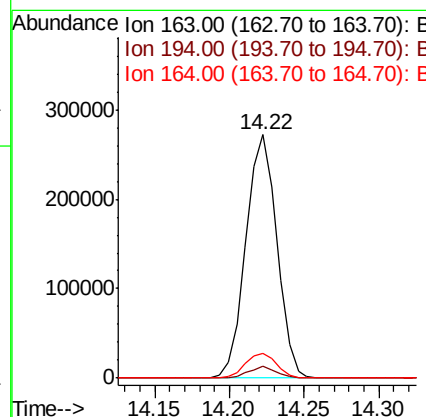
RT: 14.22 min Scan# 1895

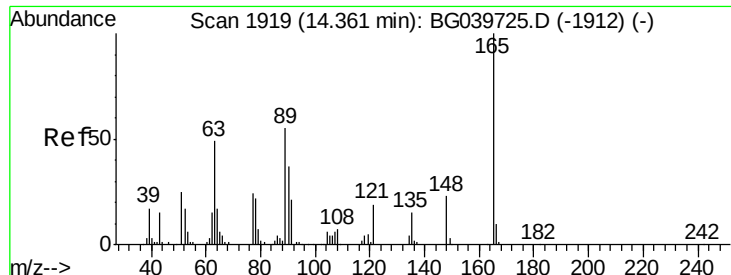
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	163	Resp:	390645
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	9.9	8.4	12.6





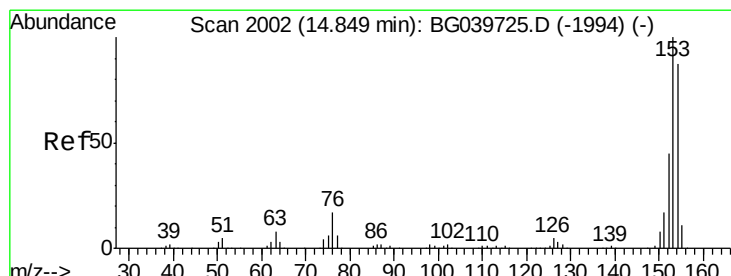
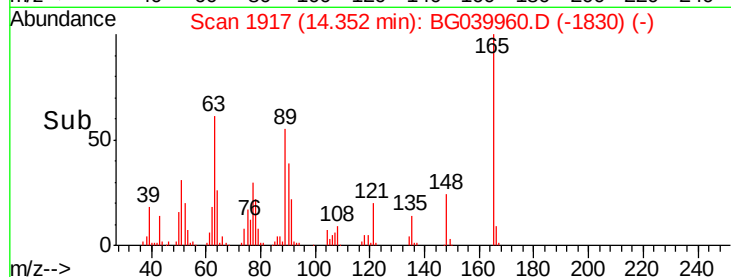
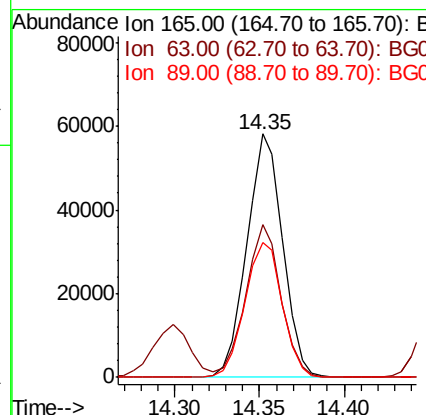
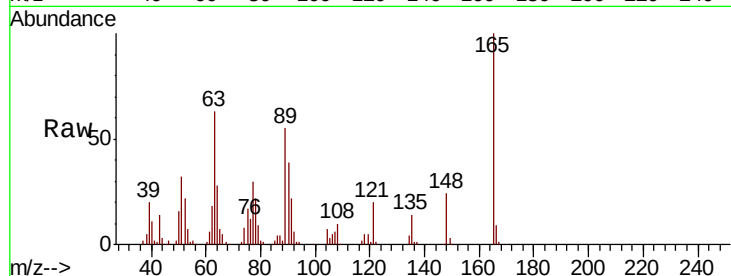
#51
 2,6-Dinitrotoluene
 Concen: 40.365 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	85598		
63	62.5	47.0	70.6	
89	55.4	45.8	68.8	

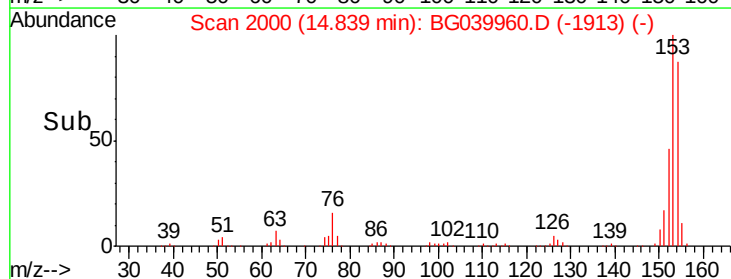
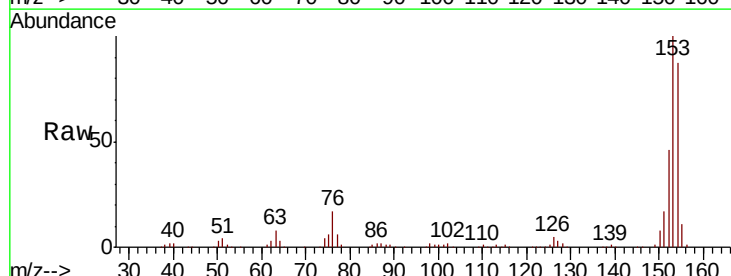
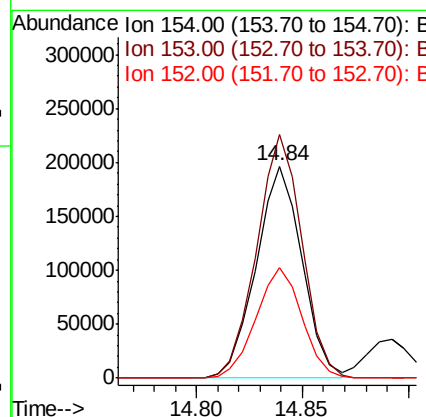
Manual Integrations
 APPROVED

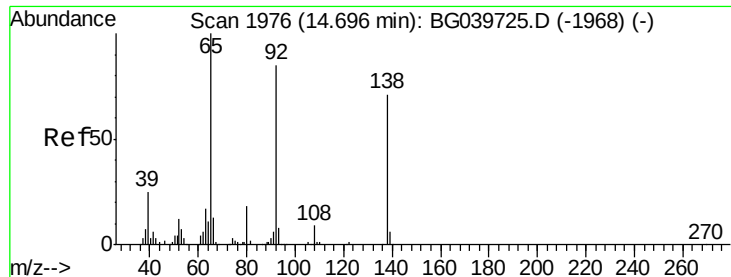
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#52
 Acenaphthene
 Concen: 40.573 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	296729		
153	114.8	90.1	135.1	
152	52.3	40.9	61.3	





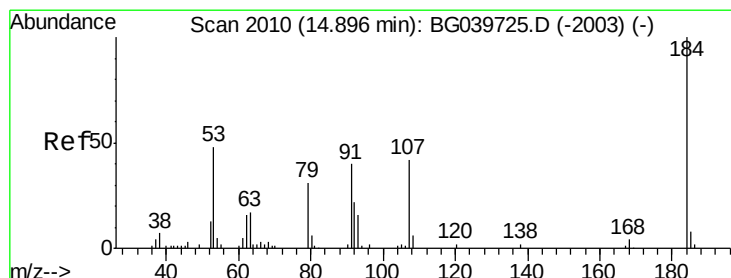
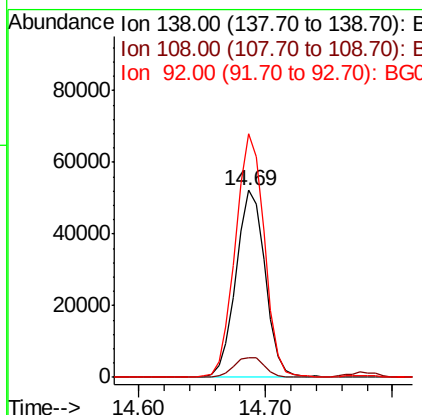
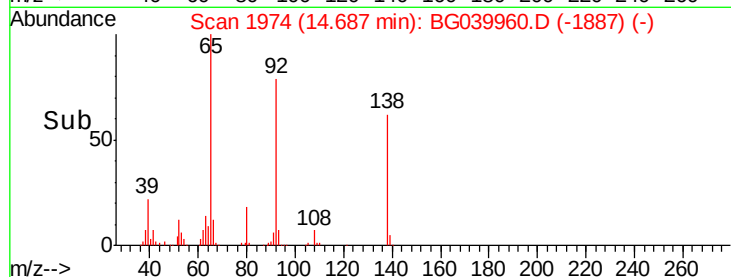
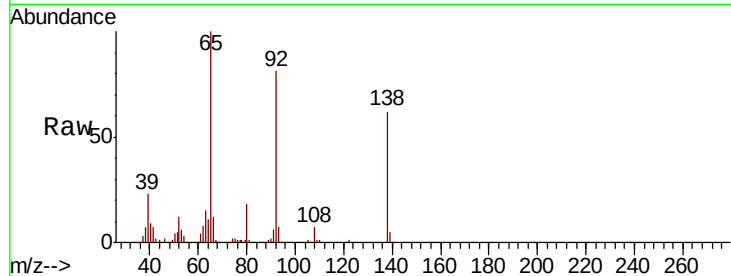
#53
3-Nitroaniline
Concen: 39.064 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion:138 Resp: 83271
Ion Ratio Lower Upper
138 100
108 10.7 13.8 20.8#
92 130.0 103.7 155.5

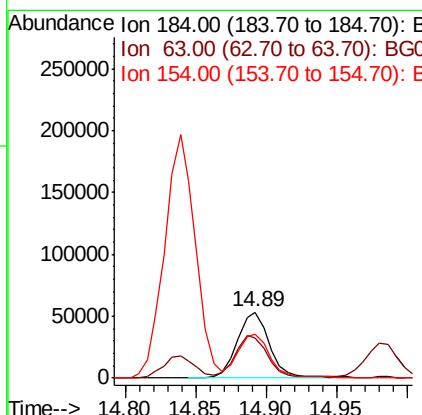
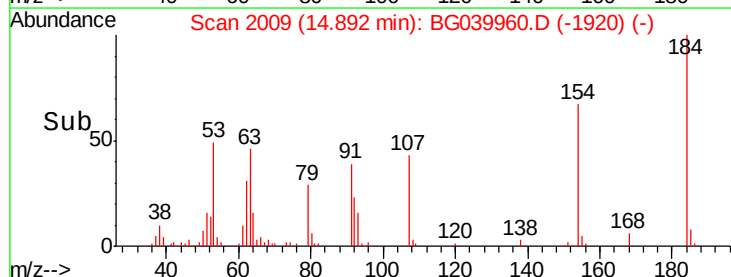
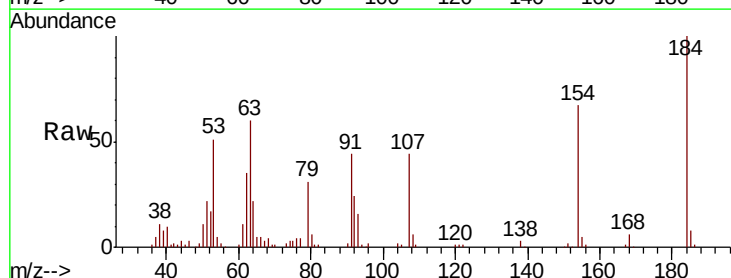
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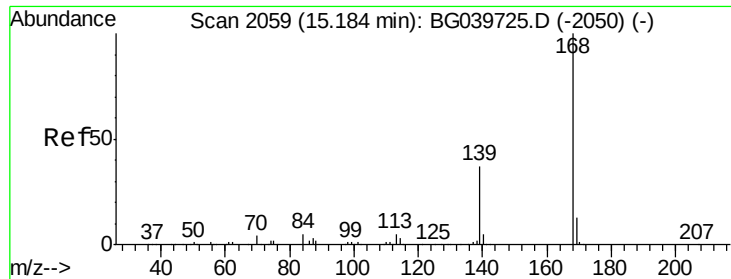
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#54
2,4-Dinitrophenol
Concen: 64.508 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:184 Resp: 84811
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 67.3 53.0 79.6





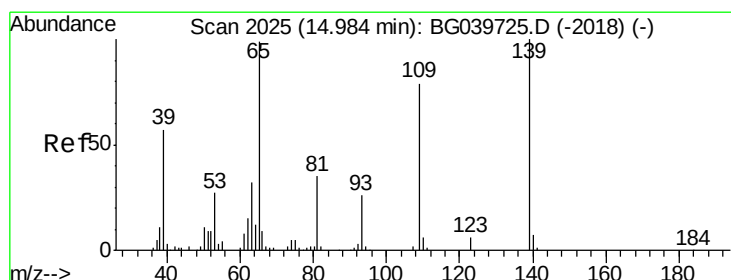
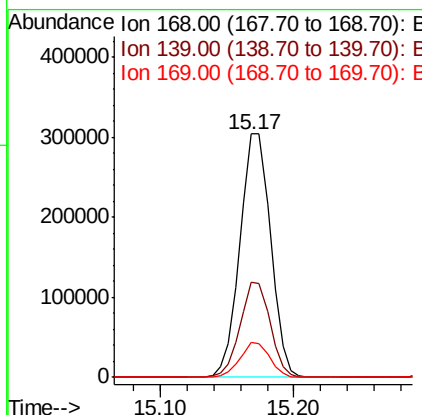
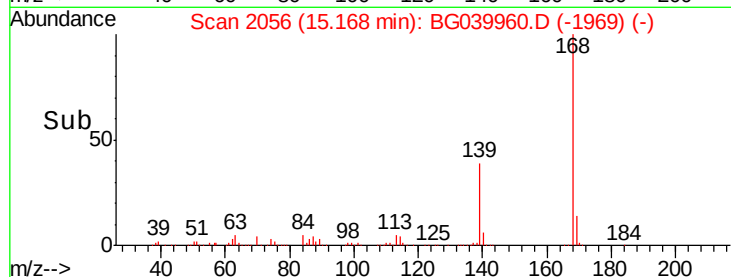
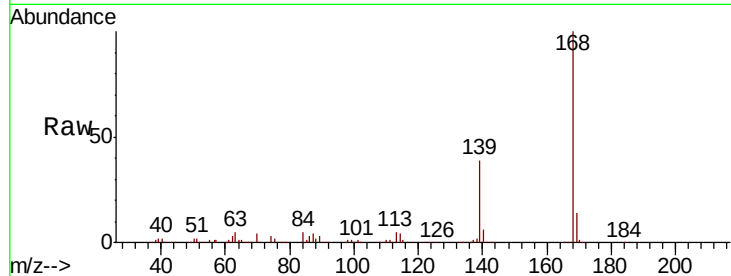
#55
Dibenzofuran
Concen: 40.286 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.2	10.6	16.0

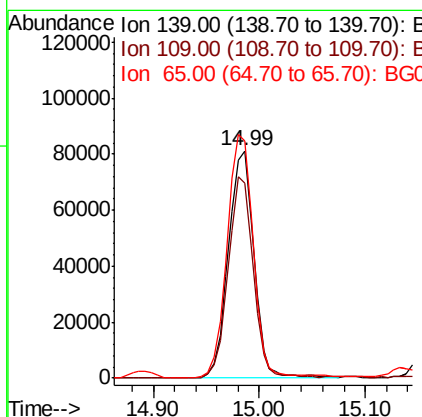
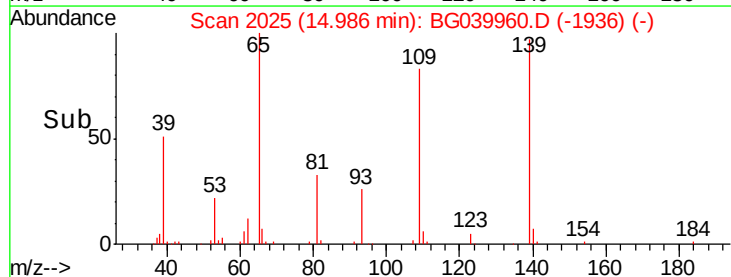
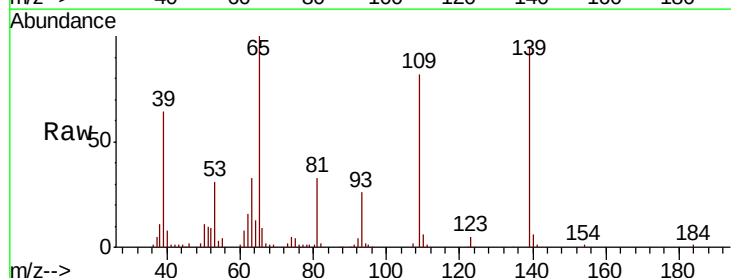
Manual Integrations
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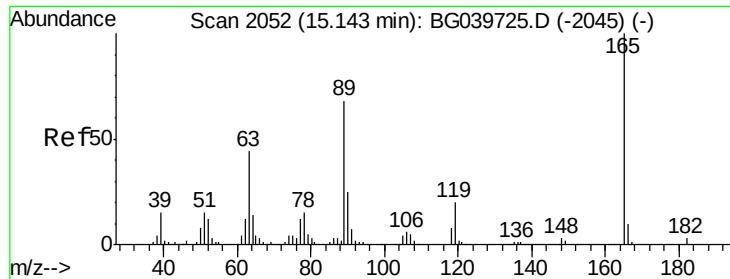
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#56
4-Nitrophenol
Concen: 71.136 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.6	61.9	101.9
65	104.7	99.1	139.1





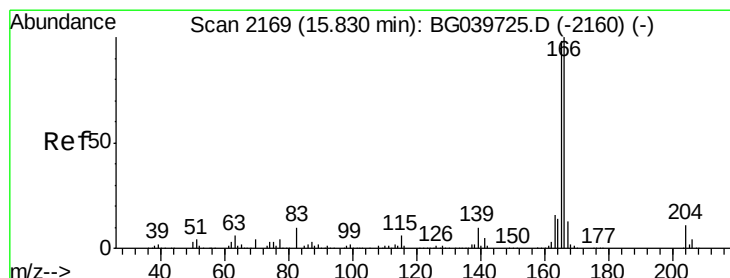
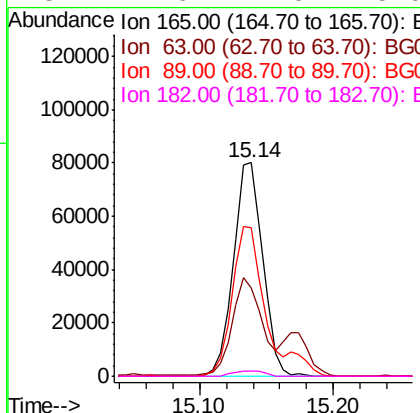
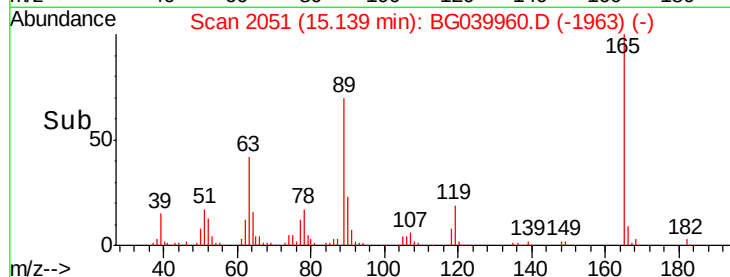
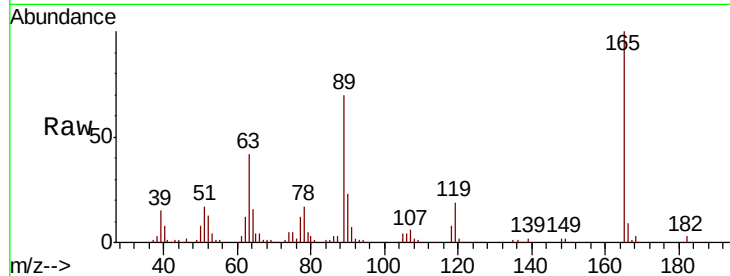
#57
2,4-Dinitrotoluene
Concen: 40.996 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		122156		
63	41.5		41.0	61.6	
89	69.8		64.6	96.8	
182	2.6		2.0	3.0	

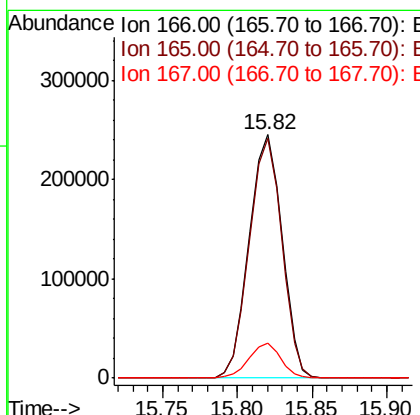
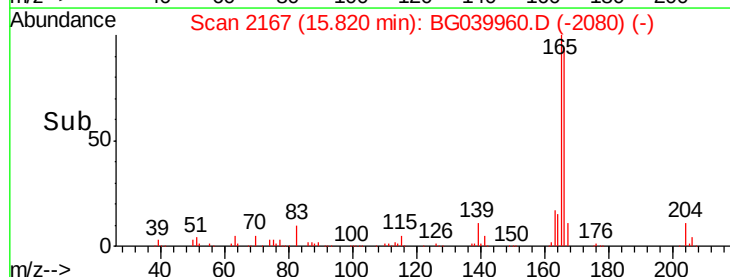
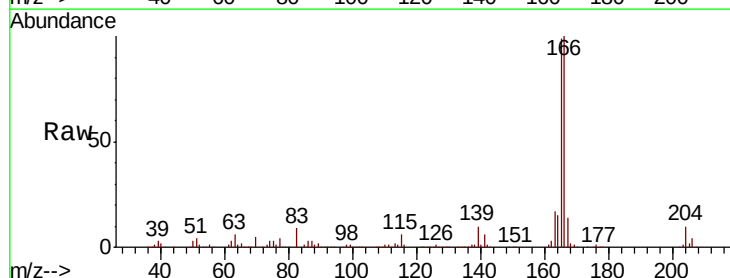
Manual Integrations
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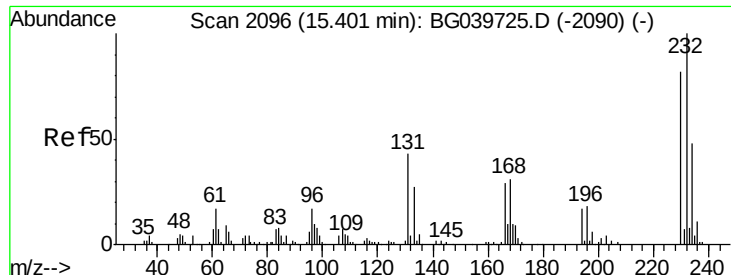
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#58
Fluorene
Concen: 39.665 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		374158		
165	98.5		77.9	116.9	
167	14.1		10.8	16.2	





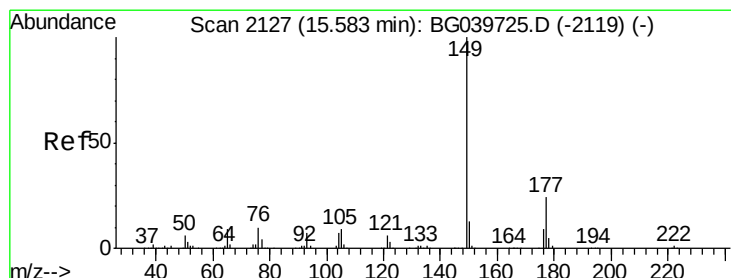
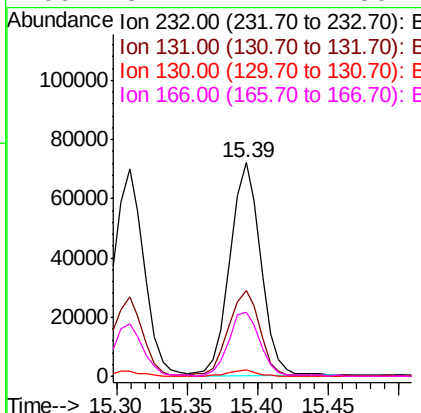
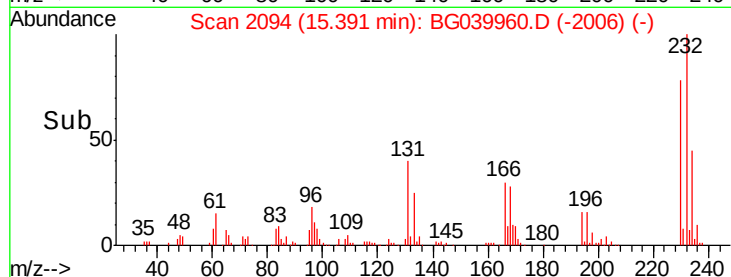
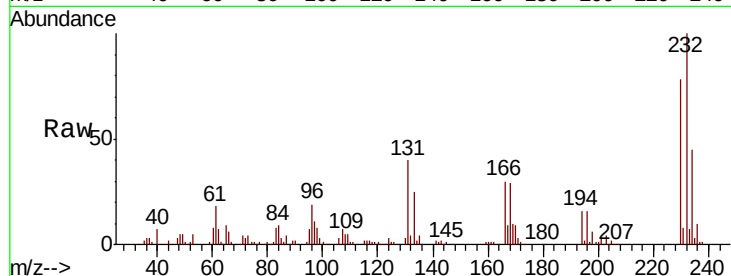
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.847 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	109299		
131	41.1		34.9	52.3
130	2.6		2.0	3.0
166	31.1		24.1	36.1

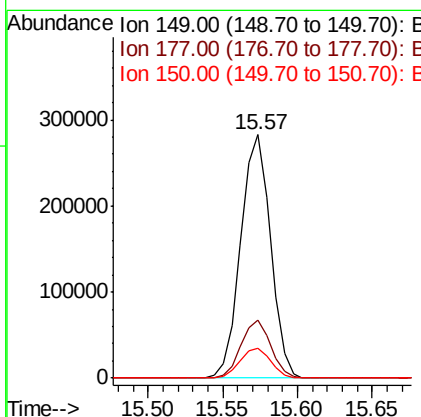
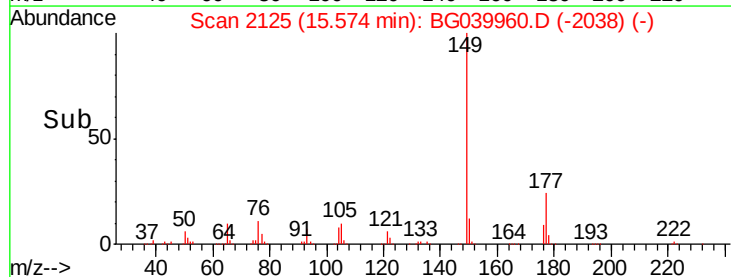
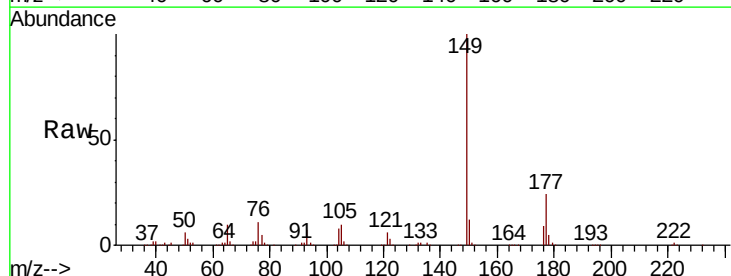
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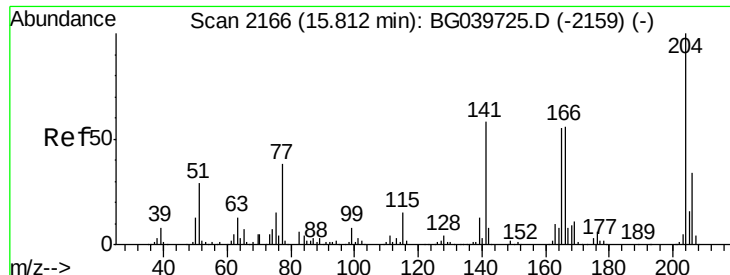
Sohil
3/18/2019 3:02:47 PM



#60
Diethylphthalate
Concen: 39.408 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	390235		
177	23.9		18.3	27.5
150	12.2		10.2	15.2





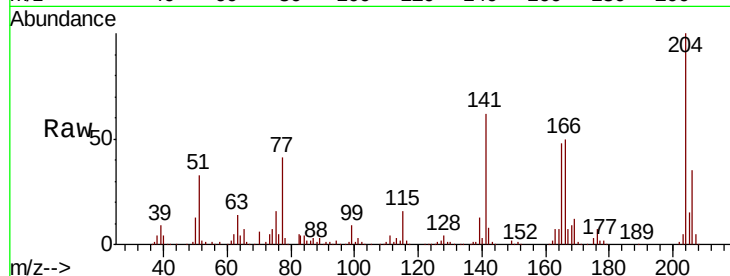
#61
4-Chlorophenyl-phenylether
Concen: 39.438 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.2	29.2	43.8
141	62.3	49.0	73.4

Manual Integrations
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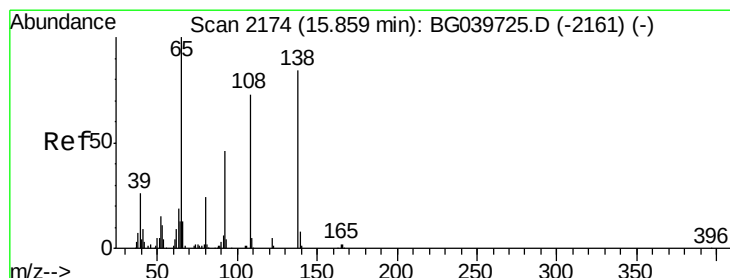
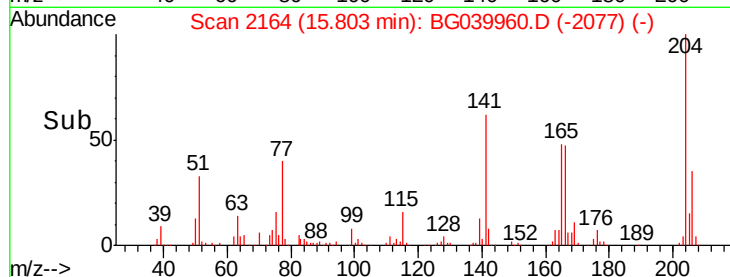
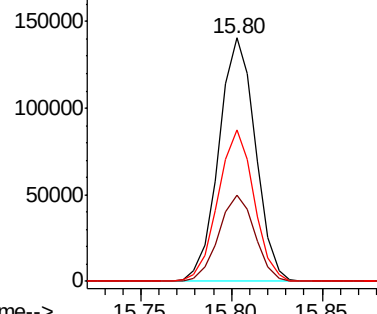


Abundance

Ion 204.00 (203.70 to 204.70): E

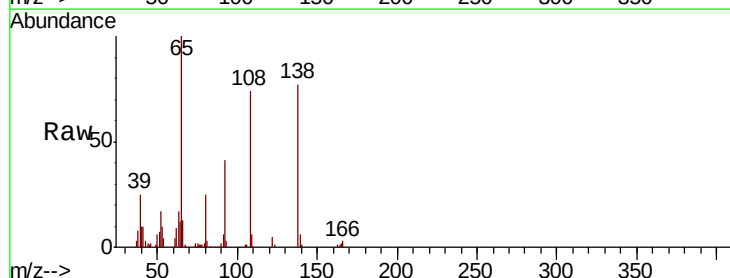
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.749 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	53.7	38.7	78.7
108	95.8	74.6	114.6

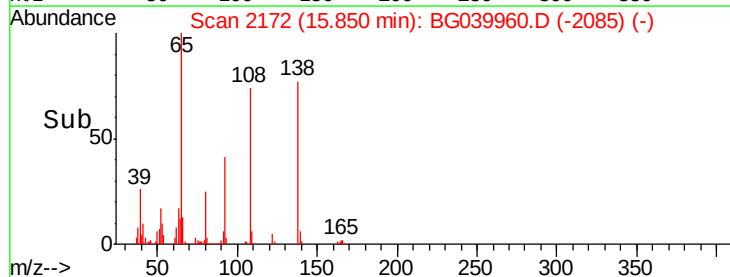
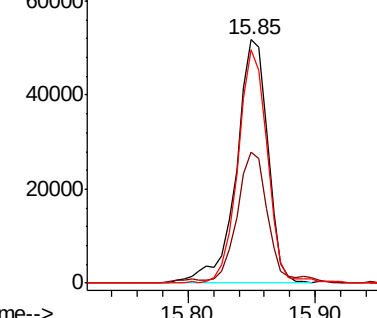


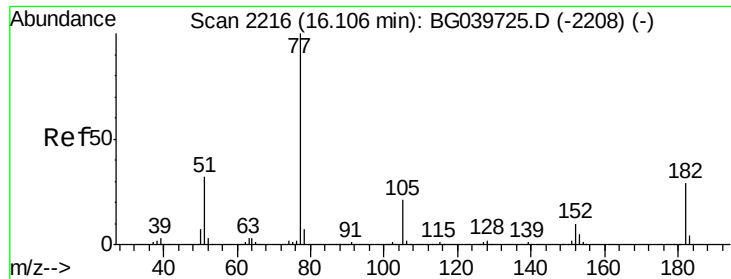
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





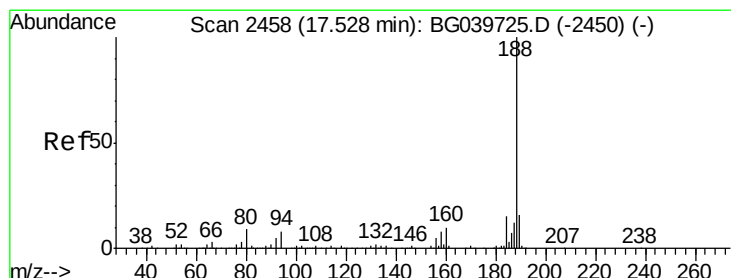
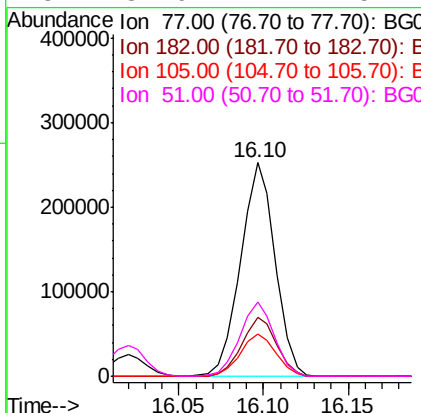
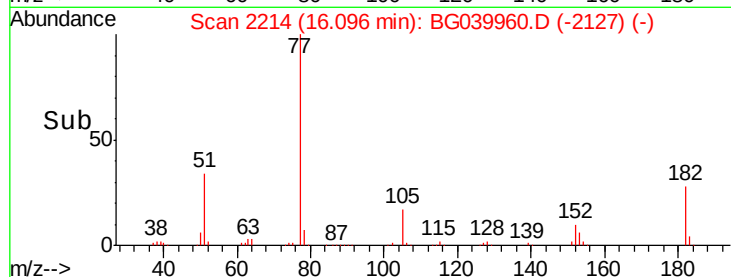
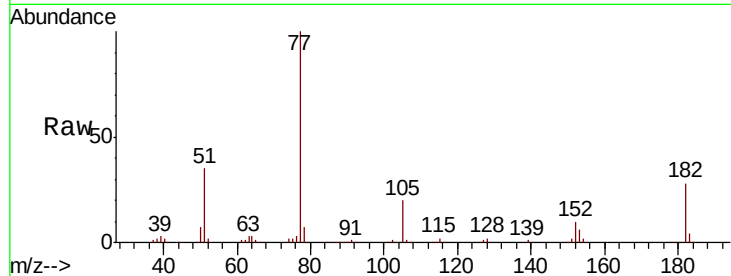
#63
Azobenzene
Concen: 40.003 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.6	6.4	46.4	
105	20.0	0.0	39.8	
51	34.6	14.1	54.1	

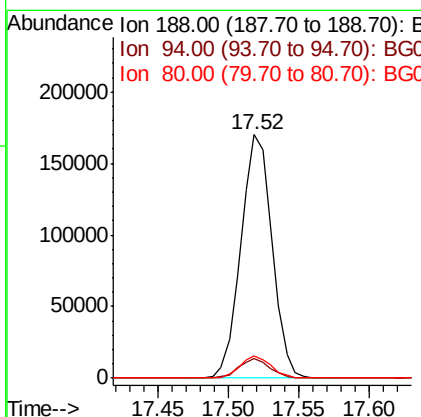
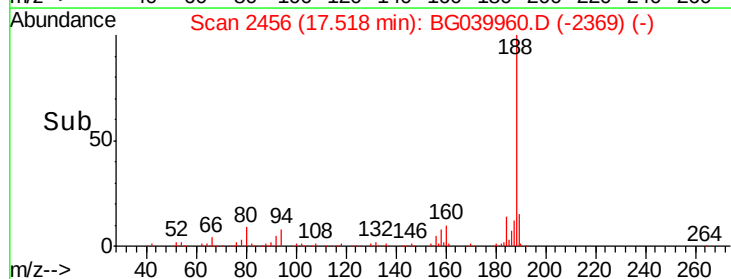
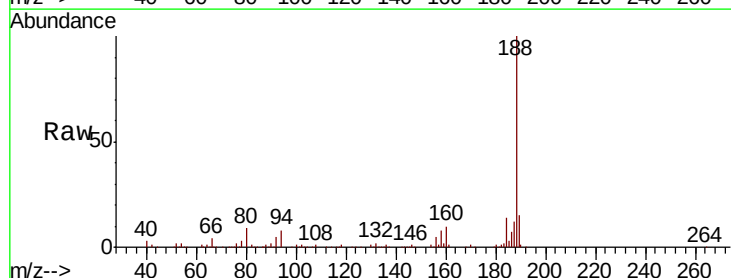
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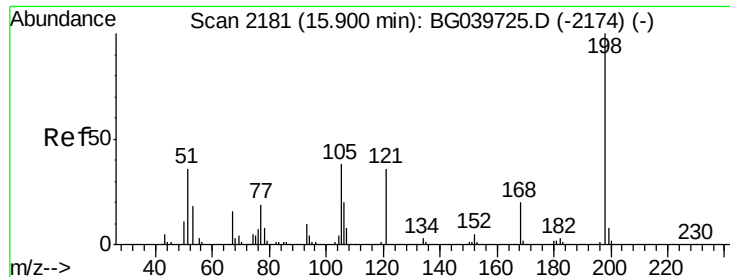
Sohil
3/18/2019 3:02:47 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.146 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tot Ion:198 Resp: 70083

Ion Ratio Lower Upper

198 100

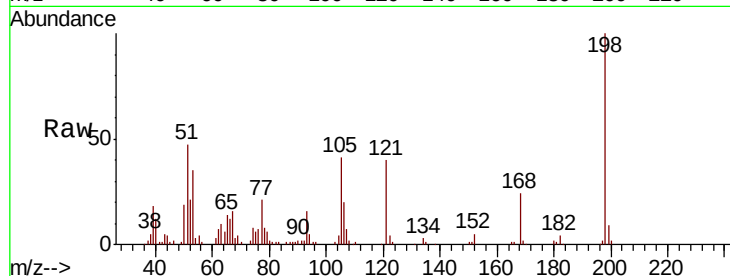
51 47.2 27.4 67.4

105 40.9 19.7 59.7

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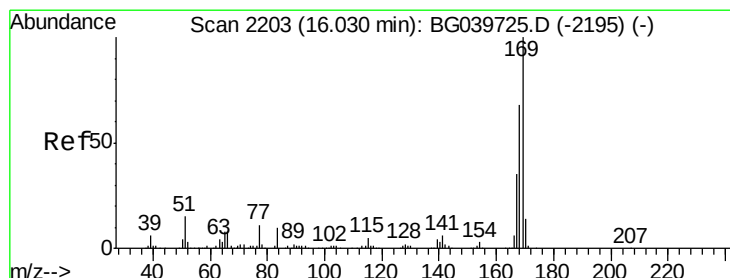
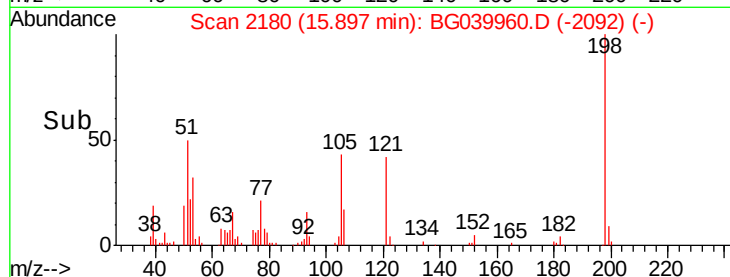
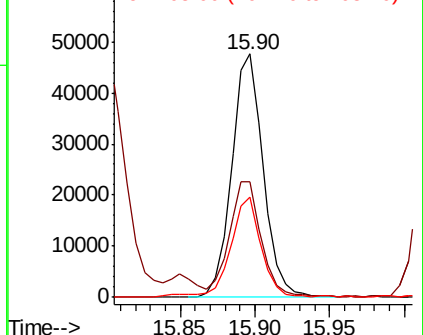
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.538 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

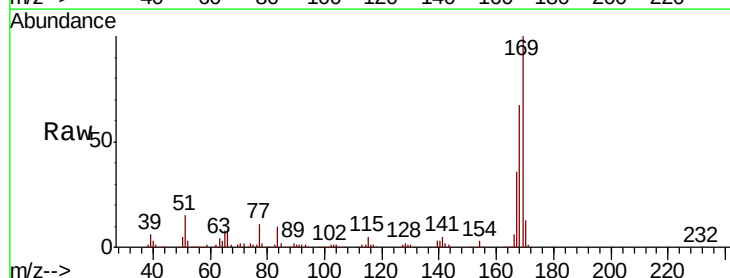
Tgt Ion:169 Resp: 338525

Ion Ratio Lower Upper

169 100

168 67.3 56.6 85.0

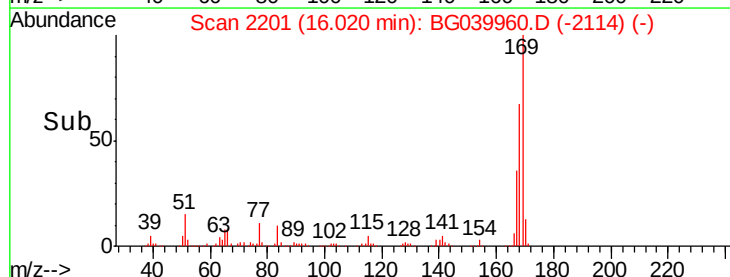
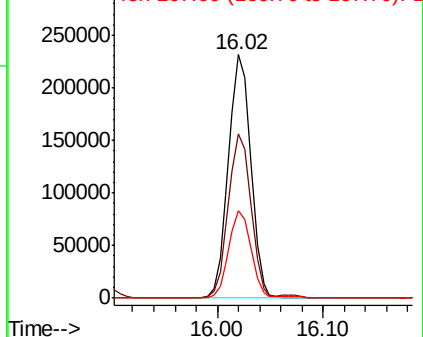
167 35.7 28.8 43.2

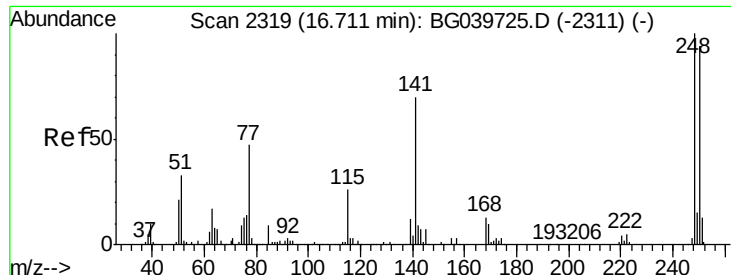


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





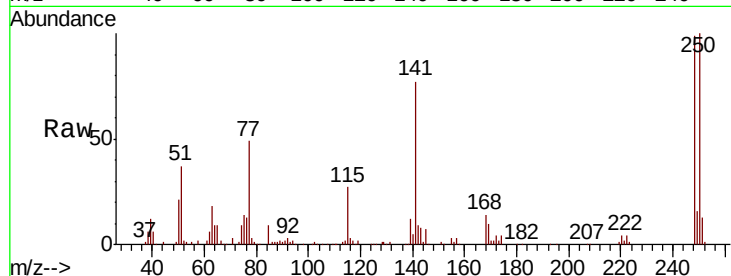
#67
4-Bromophenyl-phenylether
Concen: 42.652 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	77.6	116.4
141	77.6	63.9	95.9

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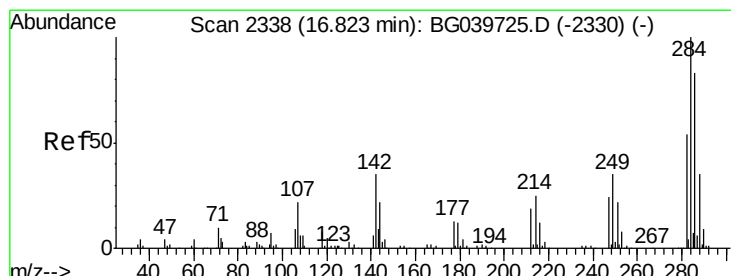
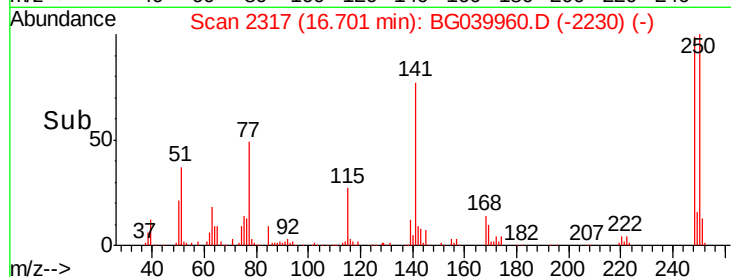
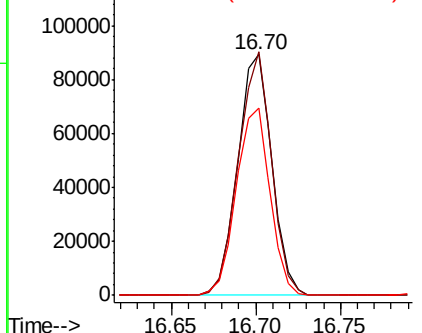


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.117 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

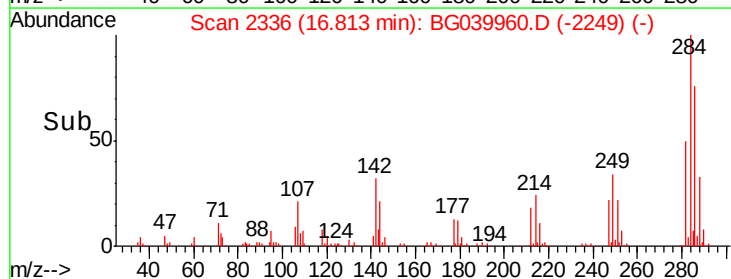
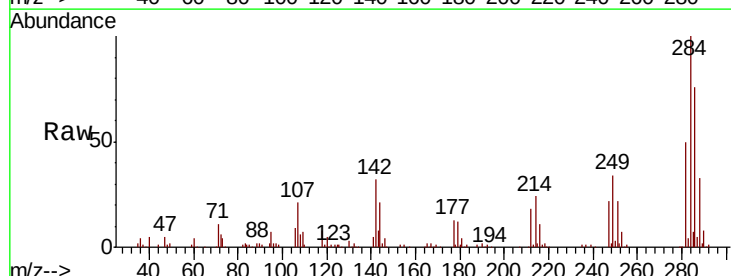
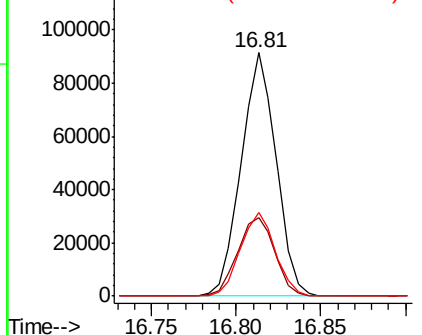
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	30.6	45.8
249	34.1	28.2	42.2

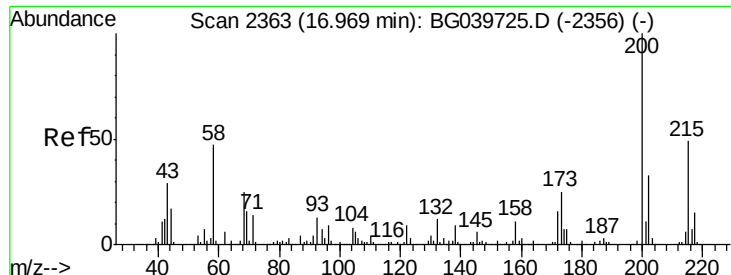
Abundance

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





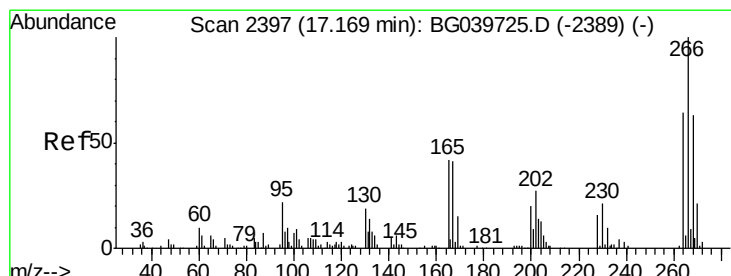
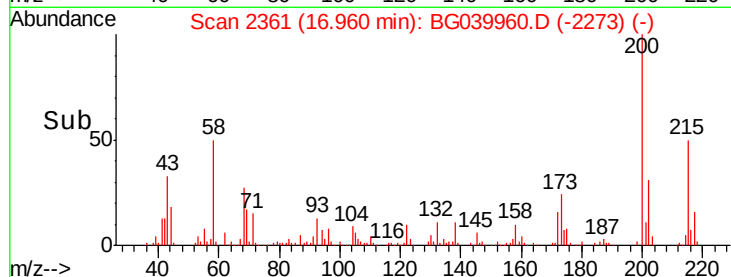
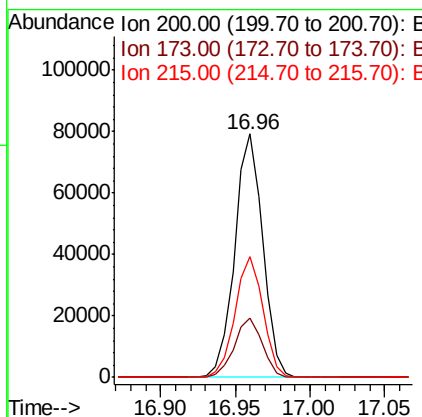
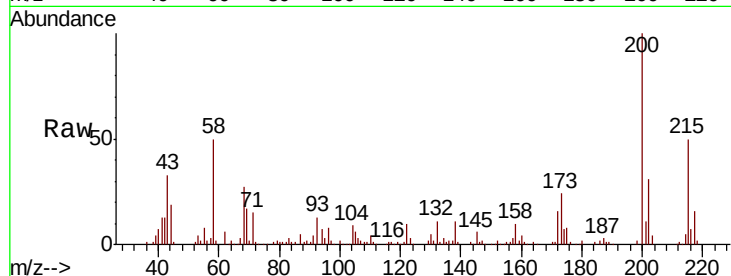
#69
 Atrazine
 Concen: 34.563 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampled :
 PB117964BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.2	3.9	43.9
215	49.6	30.9	70.9

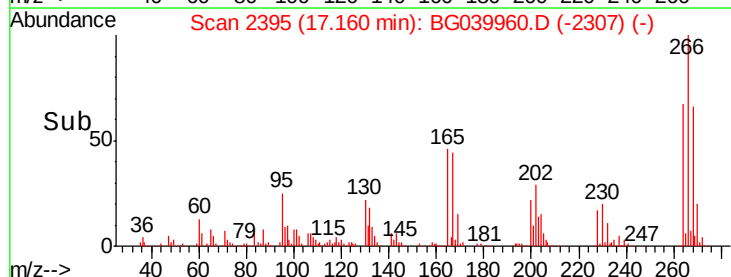
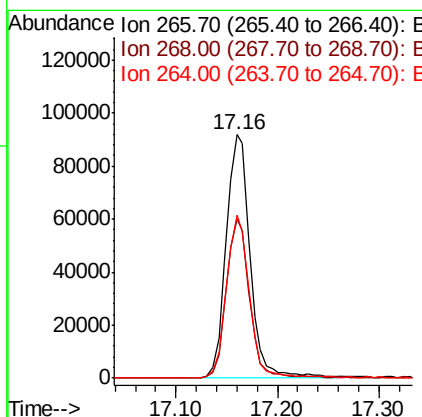
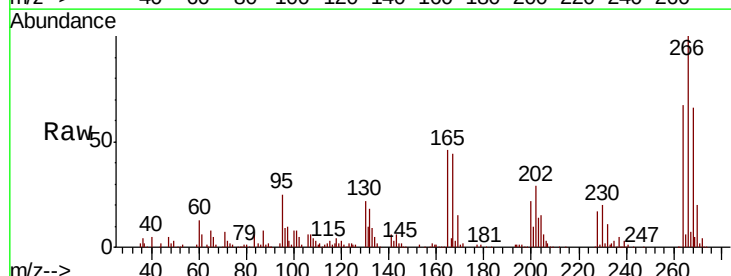
Manual Integrations
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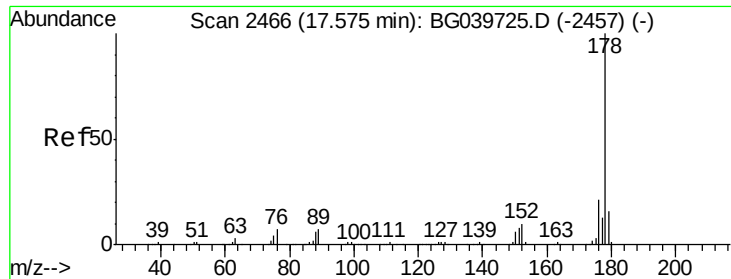
Sohil
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#70
 Pentachlorophenol
 Concen: 78.294 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	51.1	76.7
264	66.7	52.1	78.1





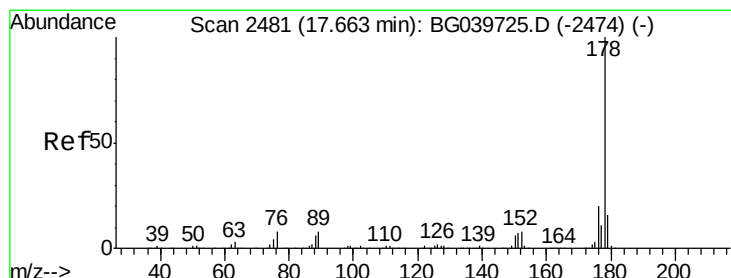
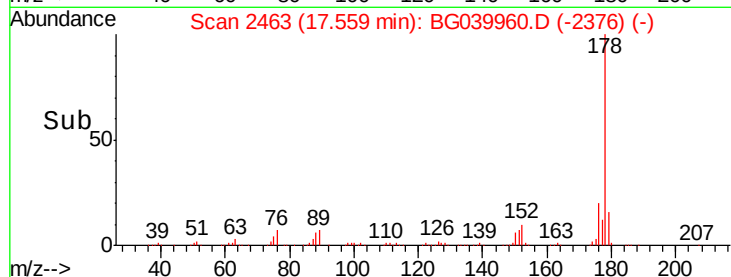
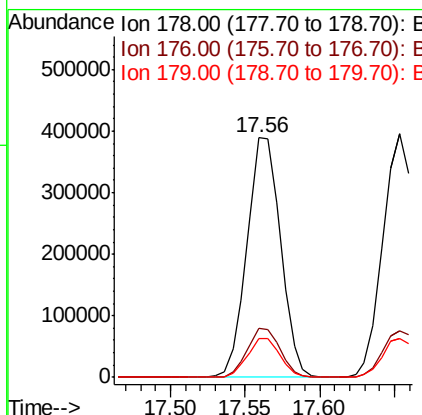
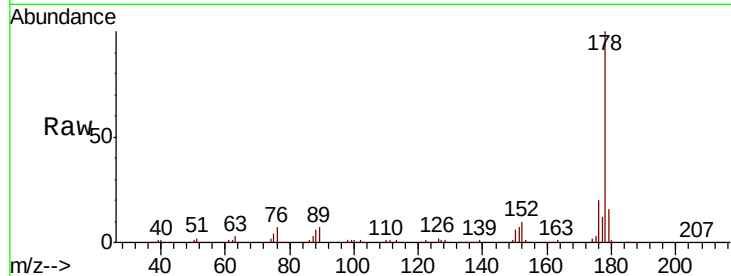
#71
Phenanthrene
Concen: 41.769 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

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

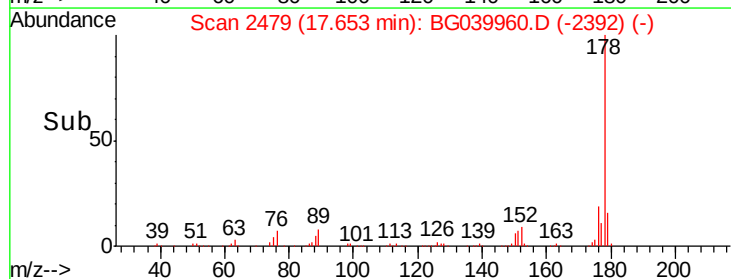
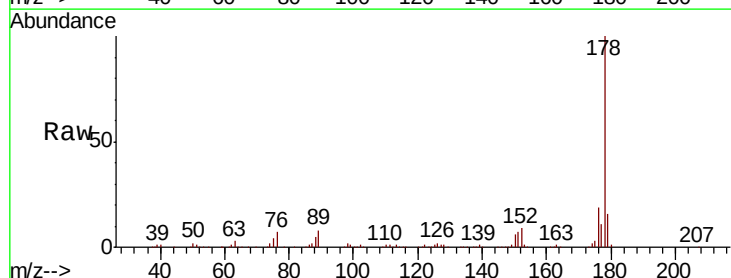
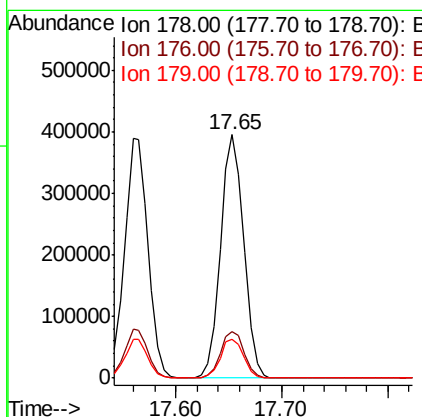
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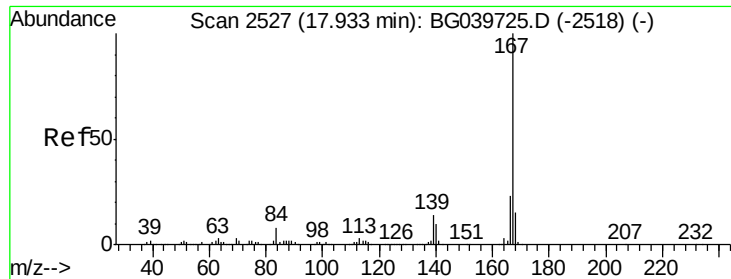
Sohil
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#72
Anthracene
Concen: 42.725 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.0	12.5	18.7





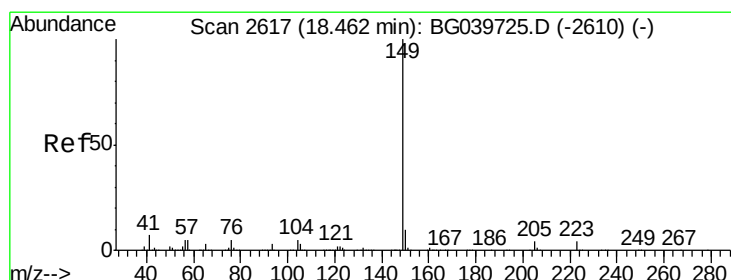
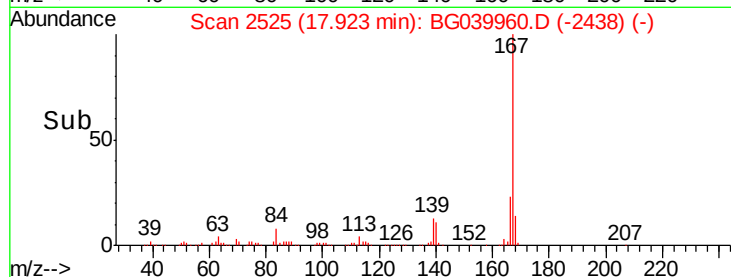
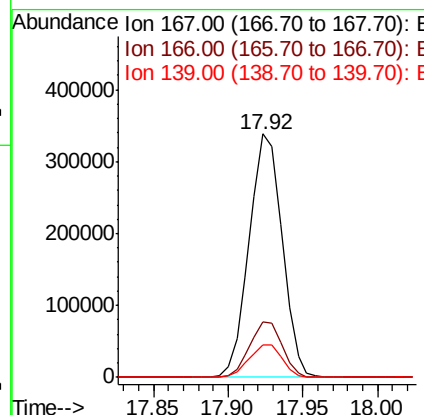
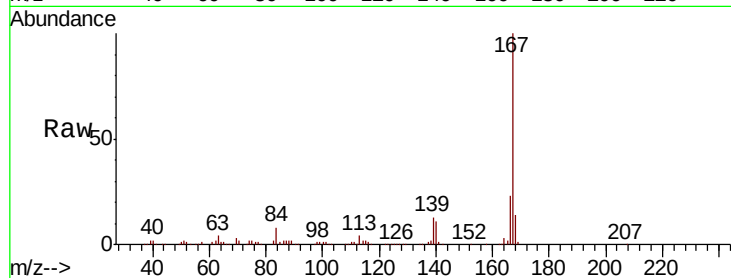
#73
 Carbazole
 Concen: 40.812 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.4	29.2
139	13.4	10.8	16.2

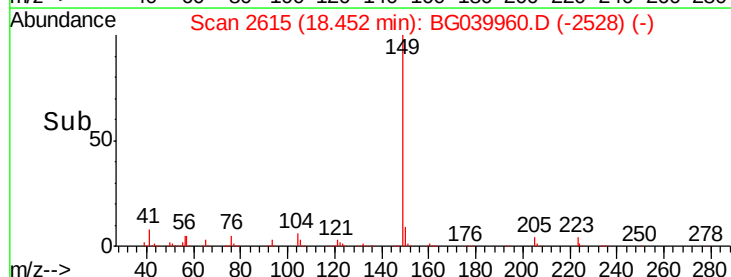
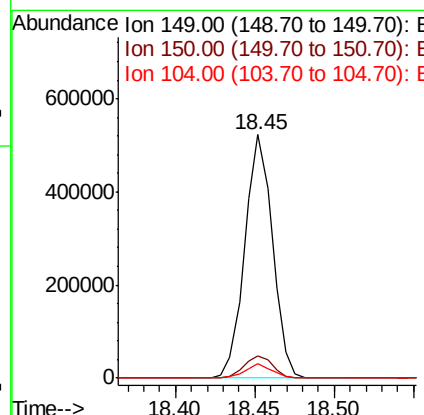
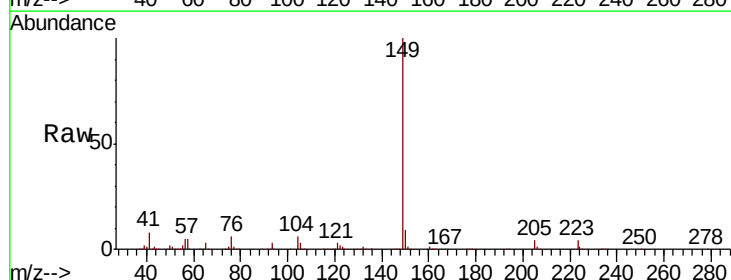
Manual Integrations
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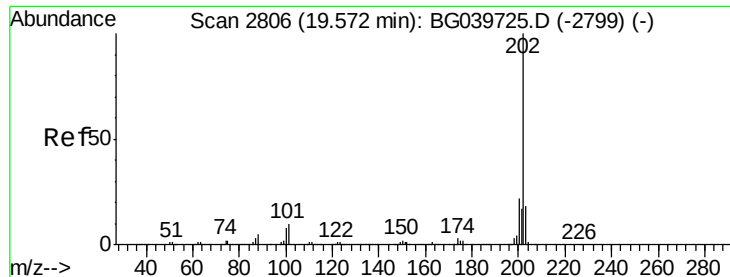
Sohil
 3/18/2019 3:02:47 PM



#74
 Di-n-butylphthalate
 Concen: 42.401 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 41.905 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

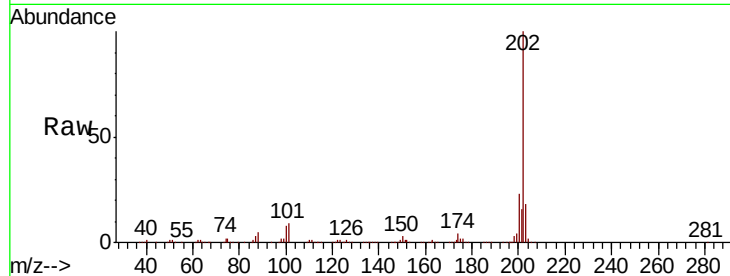
ClientSampleId :

PB117964BS

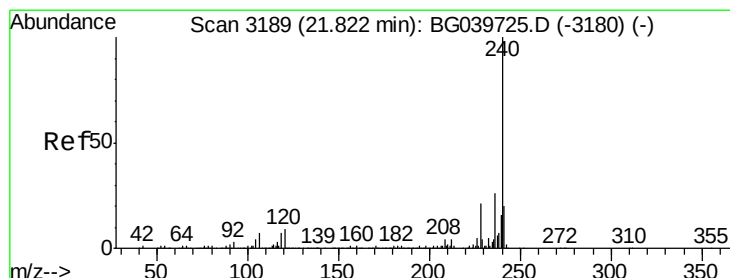
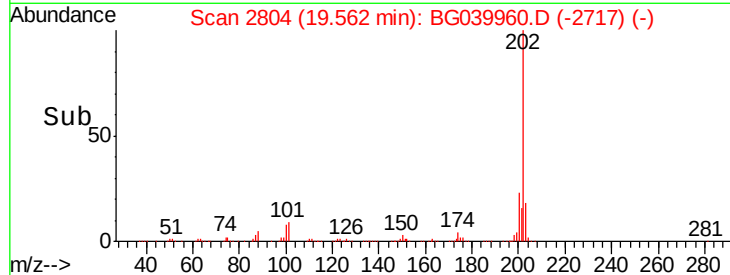
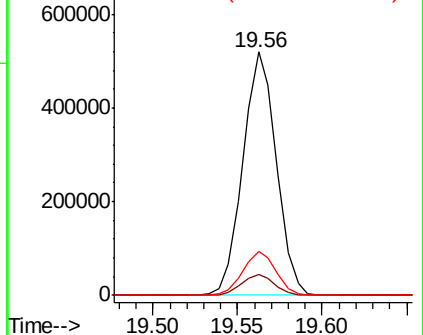
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.0	0.0	38.9

Manual Integrations
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3/18/2019 3:02:47 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

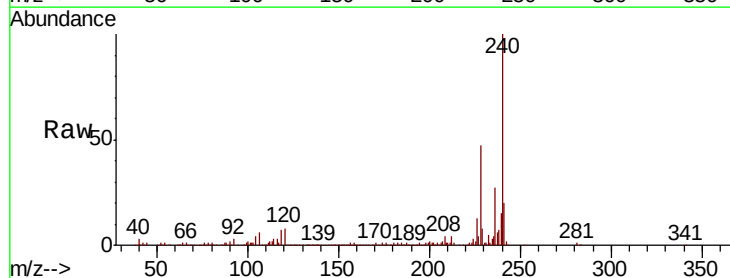
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

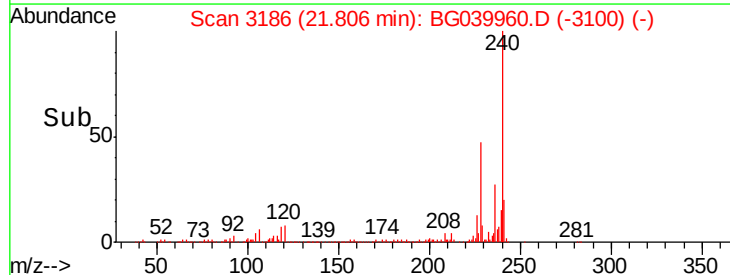
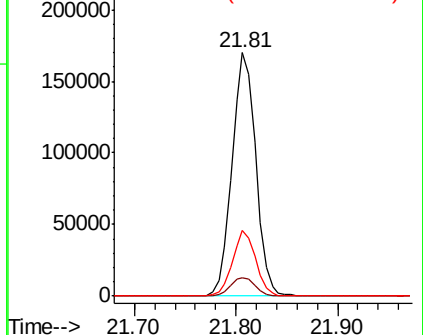
Lab File: BG039960.D

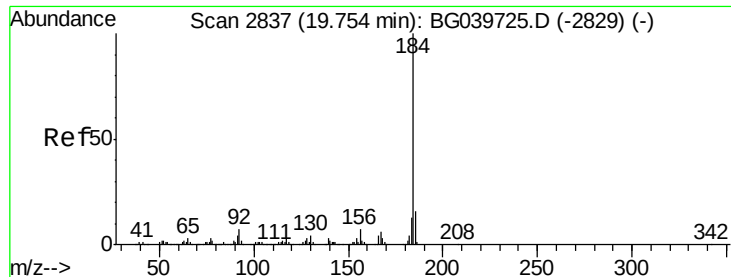
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.6	7.0	10.6
236	27.0	21.0	31.4



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





#77

Benzidine

Concen: 74.238 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

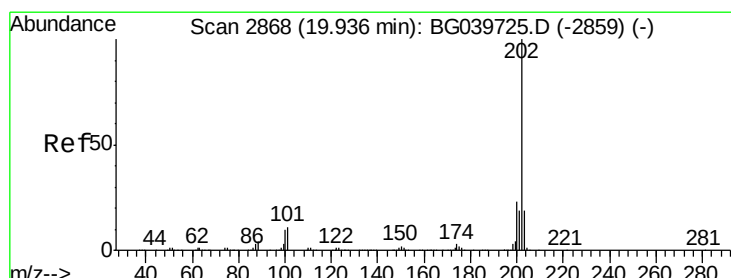
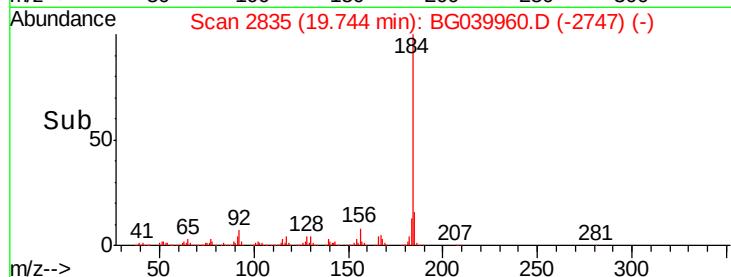
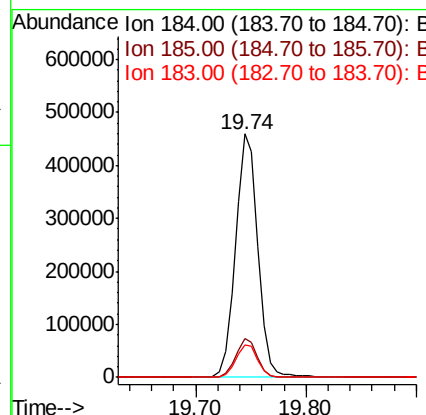
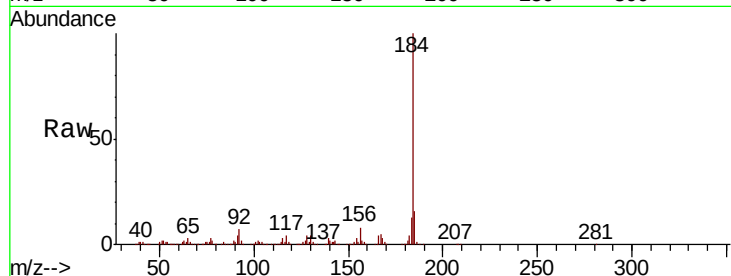
ClientSampleId :

PB117964BS

Tot Ion:	184	Resp:	651330
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	13.4	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 39.992 ng

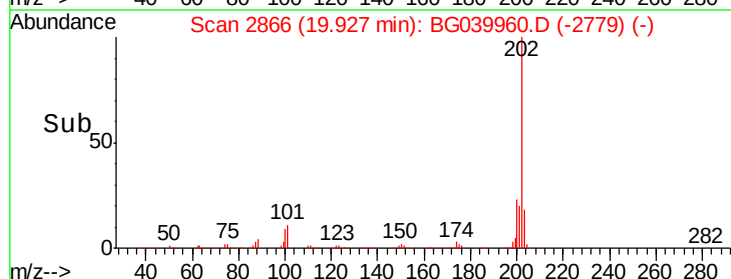
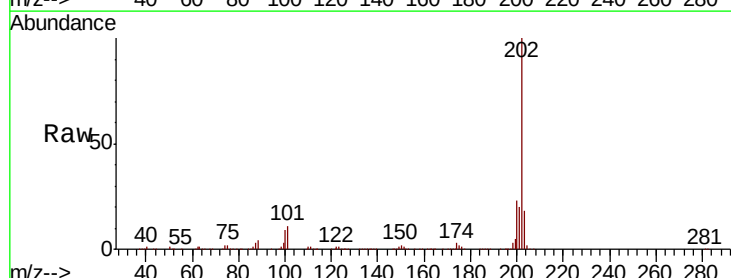
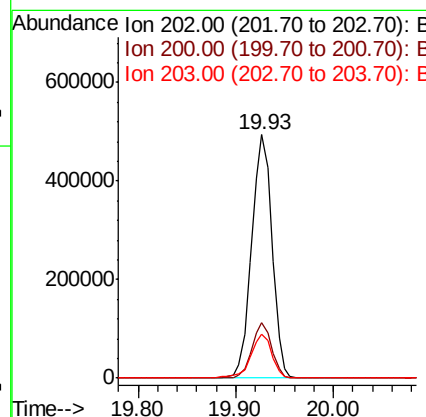
RT: 19.93 min Scan# 2866

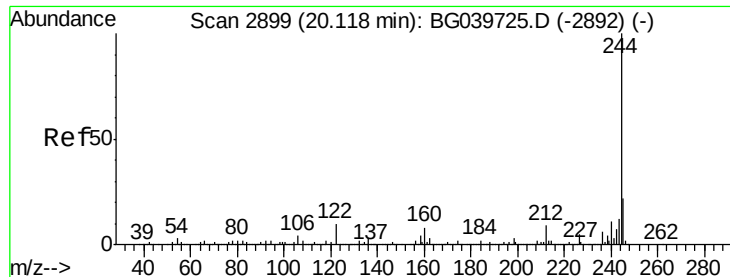
Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	202	Resp:	718485
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.8
203	18.2	15.3	22.9





#79

Terphenyl-d14

Concen: 85.197 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampled :

PB117964BS

Tot Ion:244 Resp: 1069822

Ion Ratio Lower Upper

244 100

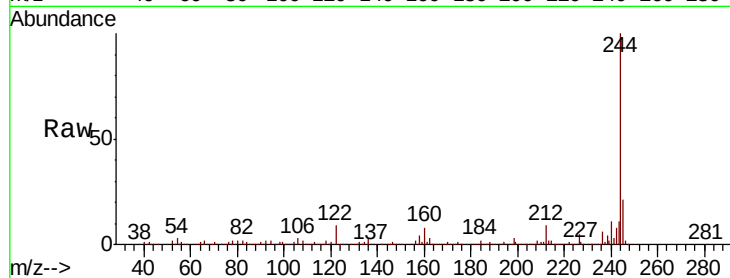
212 8.9 7.3 10.9

122 9.4 8.4 12.6

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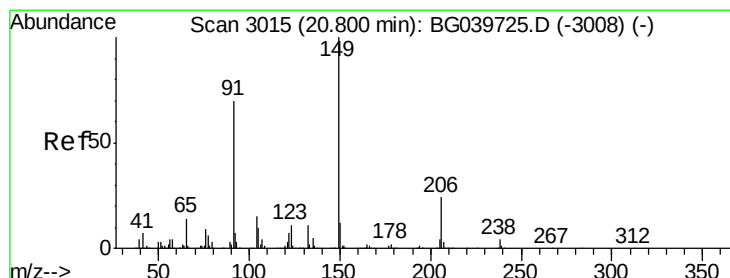
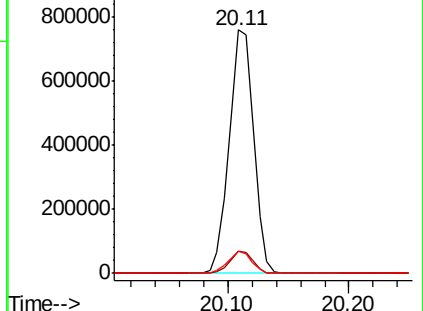
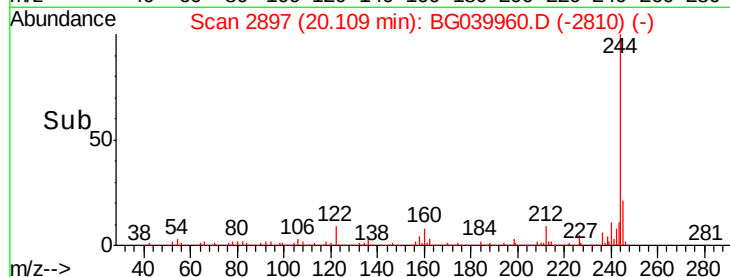
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.952 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

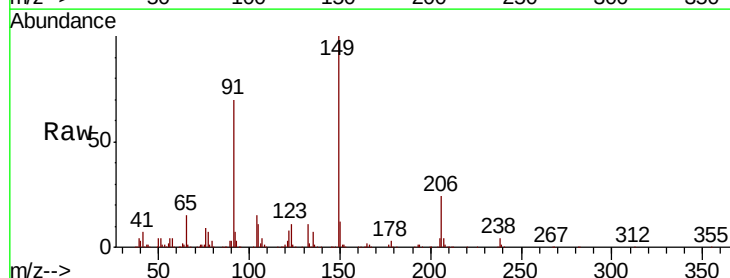
Tgt Ion:149 Resp: 298967

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

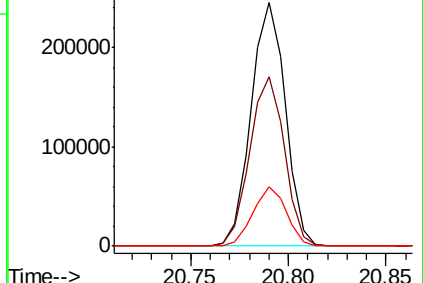
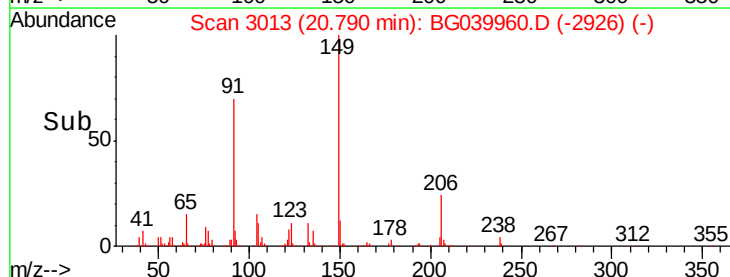
206 24.2 18.6 27.8

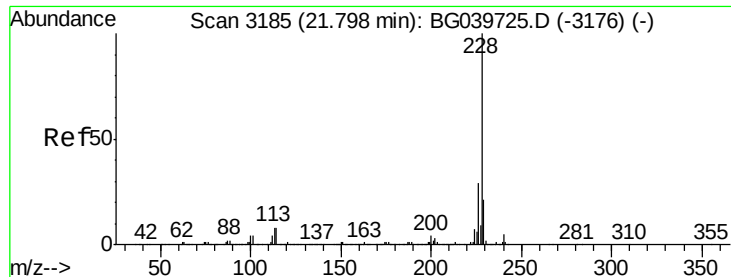


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





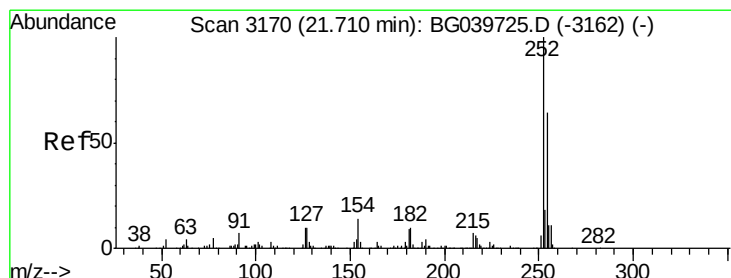
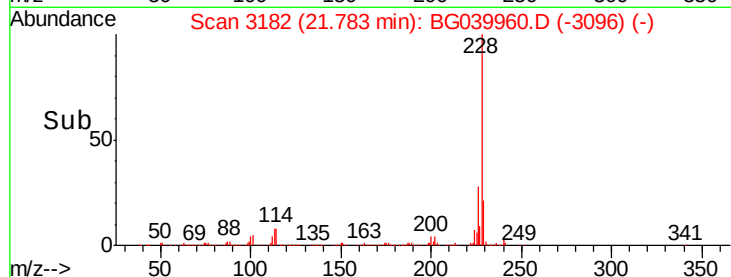
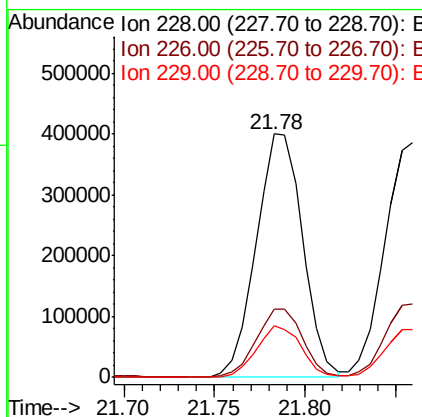
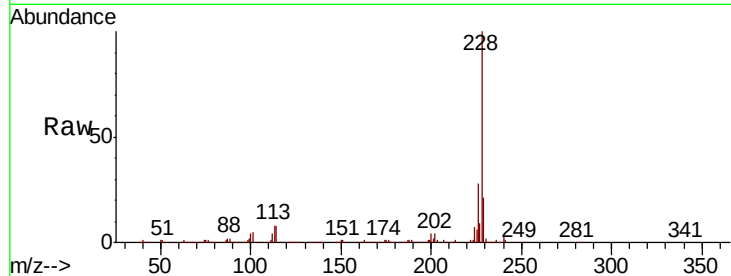
#81
Benzo(a)anthracene
Concen: 41.124 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	21.2	16.9	25.3

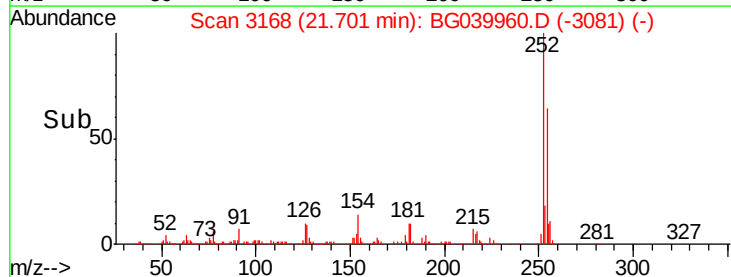
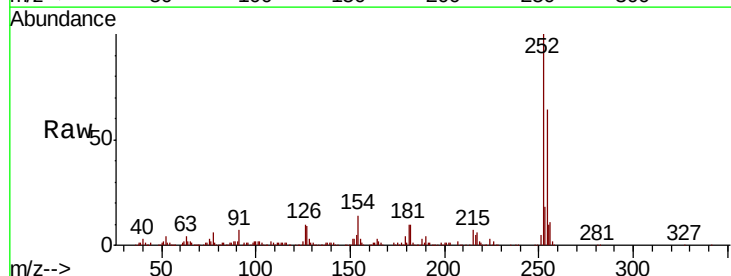
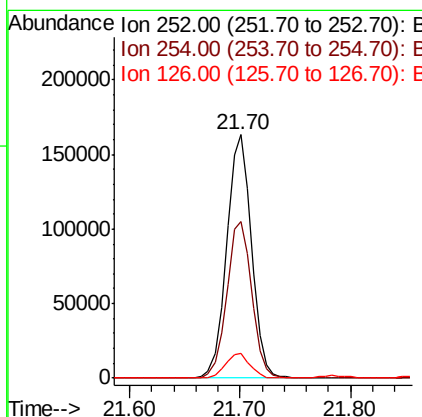
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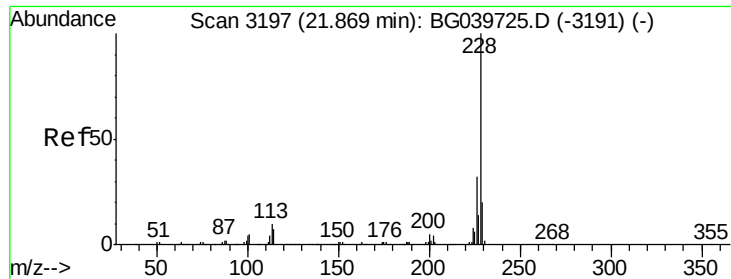
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#82
3,3'-Dichlorobenzidine
Concen: 40.467 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	10.0	8.0	12.0





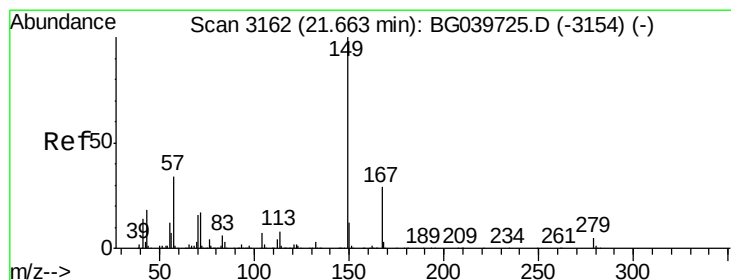
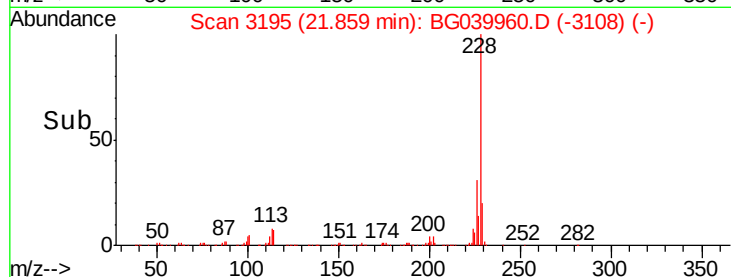
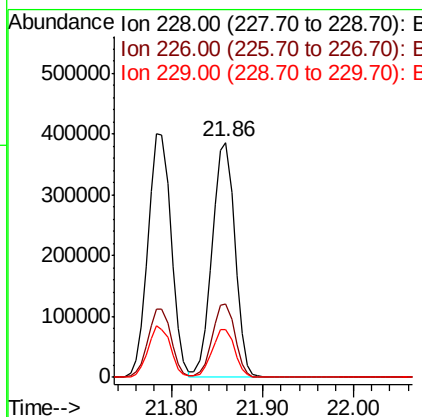
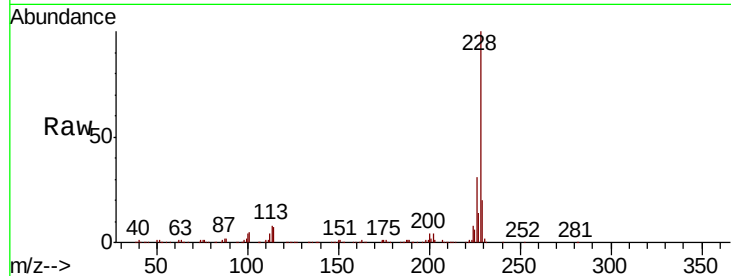
#83
Chrysene
Concen: 40.123 ng
RT: 21.86 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampled :
PB117964BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.8	38.6
229	20.1	16.6	25.0

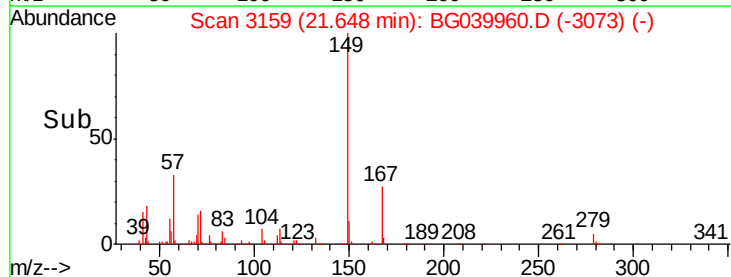
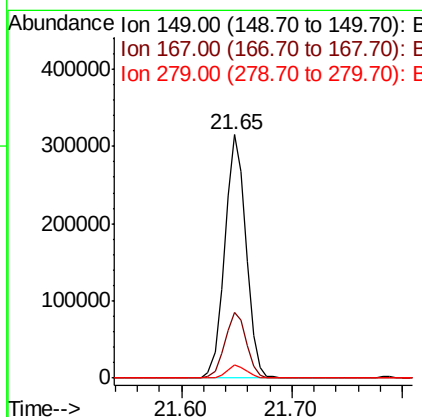
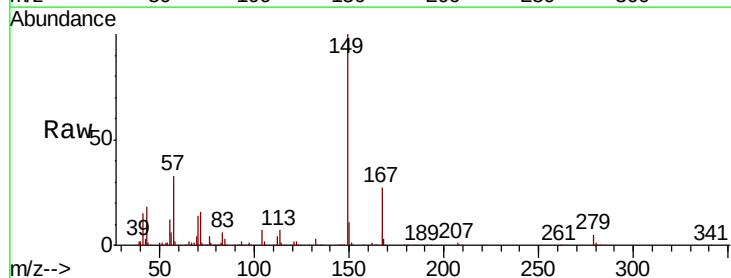
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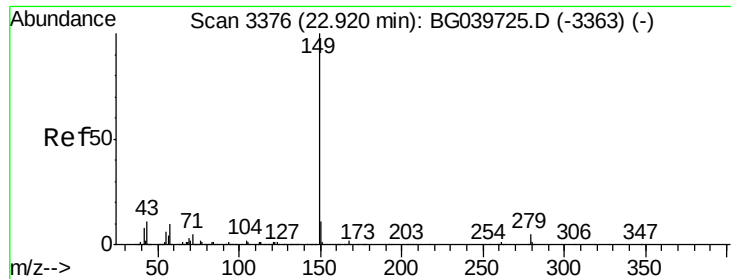
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.448 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.6	34.0
279	5.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 44.844 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

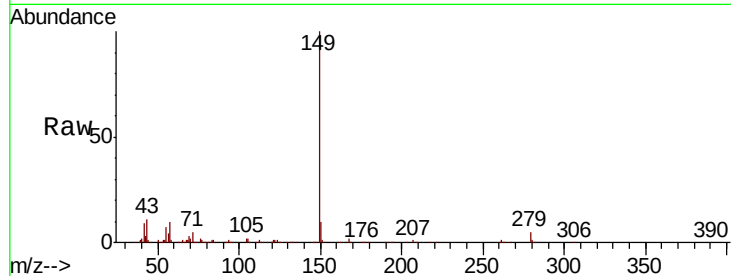
ClientSampleId :

PB117964BS

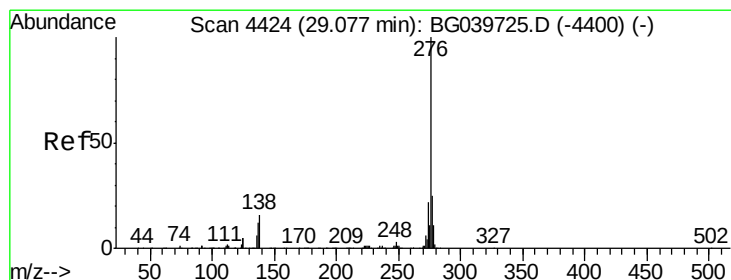
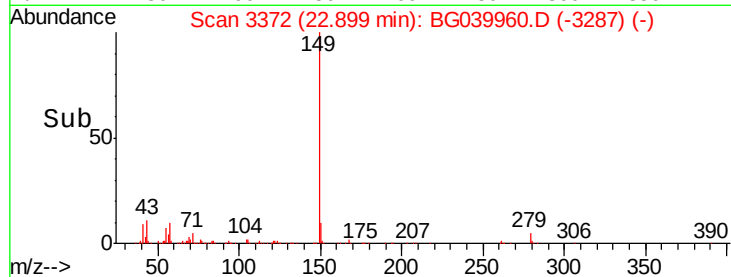
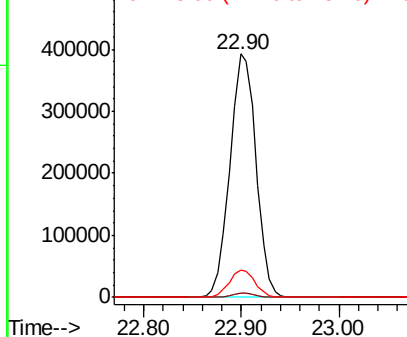
Tot Ion:	149	Resp:	726256
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.395 ng

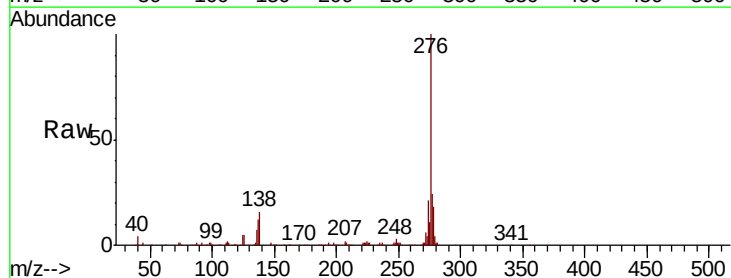
RT: 29.05 min Scan# 4419

Delta R.T. -0.04 min

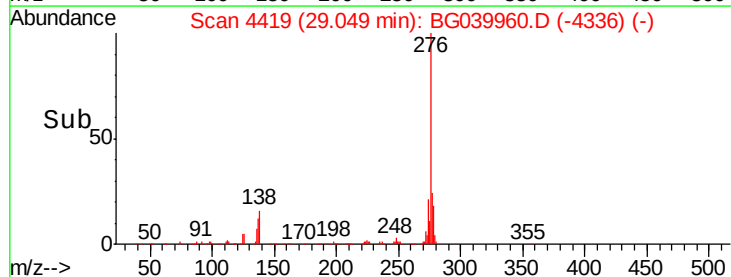
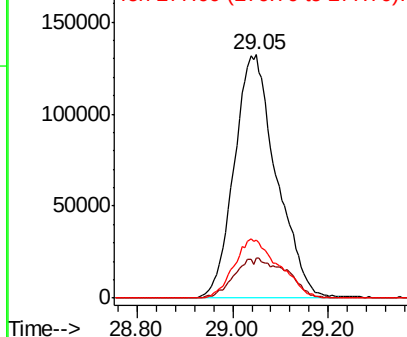
Lab File: BG039960.D

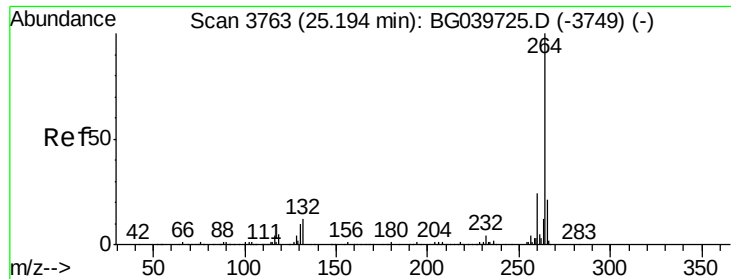
Acq: 16 Mar 2019 3:53

Tgt Ion:	276	Resp:	807931
Ion Ratio	Lower	Upper	
276	100		
138	7.9	12.6	19.0#
277	25.9	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

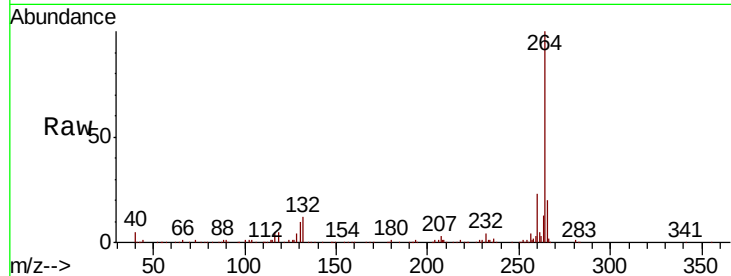
ClientSampled :

PB117964BS

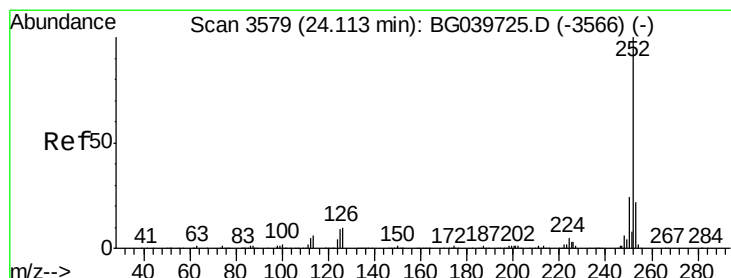
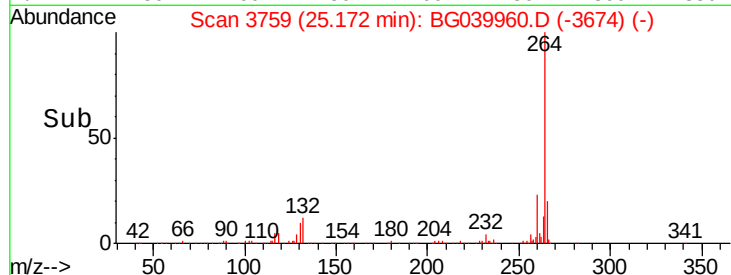
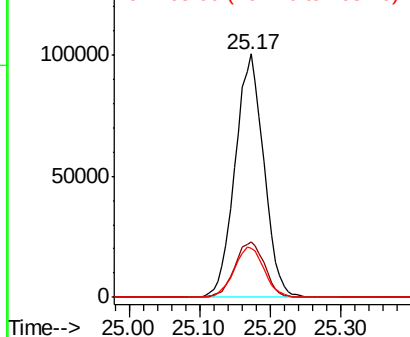
Tot Ion:	264	Resp:	283827
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.4
265	20.2	18.5	27.7

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.586 ng

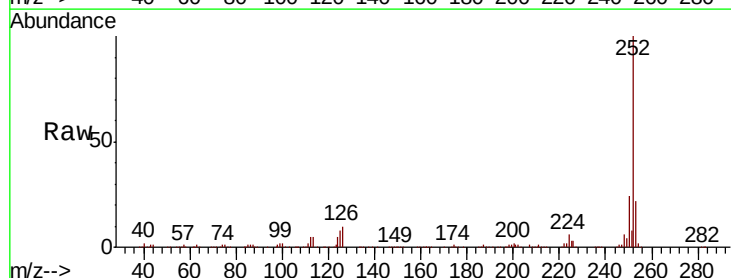
RT: 24.10 min Scan# 3576

Delta R.T. -0.02 min

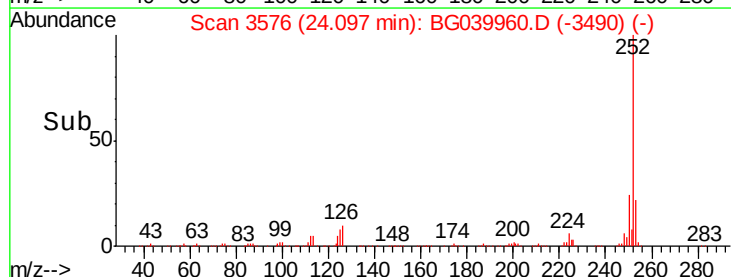
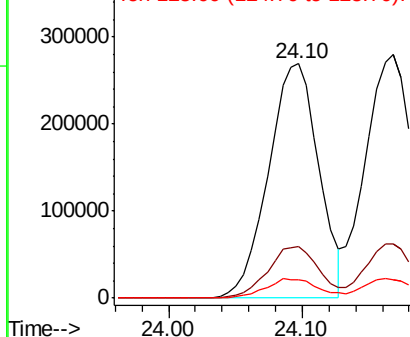
Lab File: BG039960.D

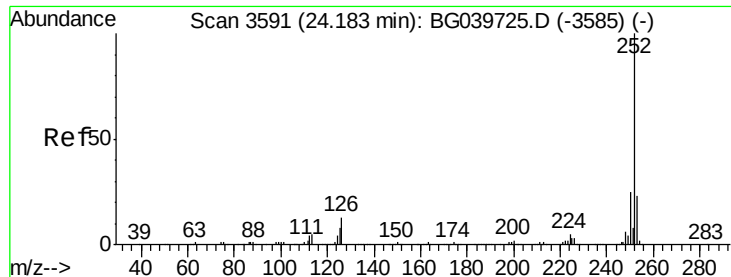
Acq: 16 Mar 2019 3:53

Tgt Ion:	252	Resp:	703854
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	7.6	7.8	11.6#



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





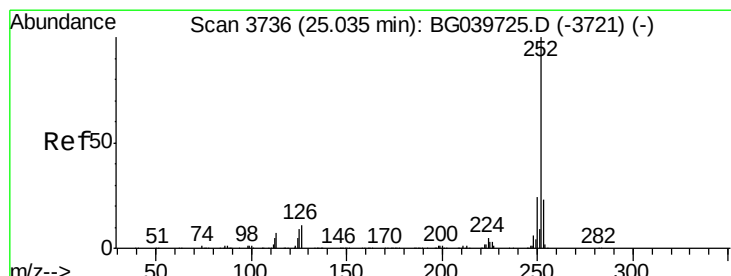
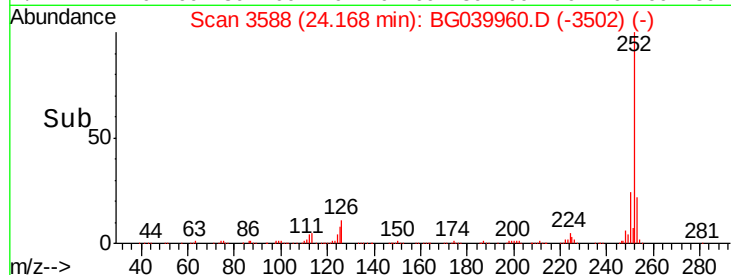
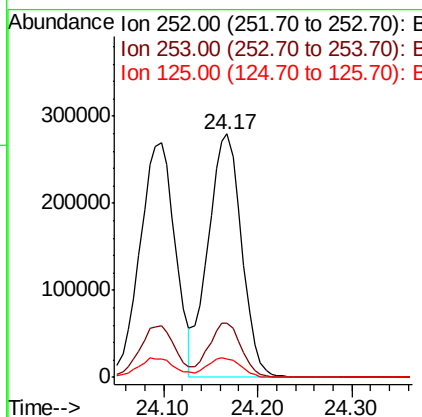
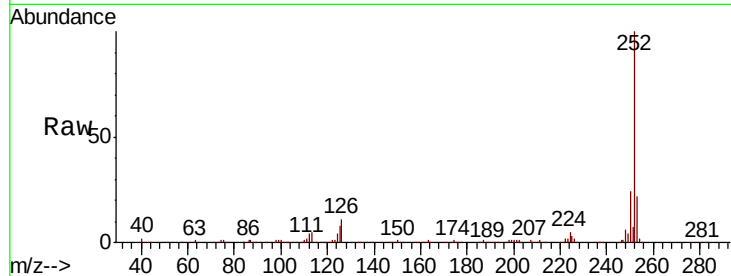
#89
Benzo(k)fluoranthene
Concen: 44.023 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.7	7.4	11.2

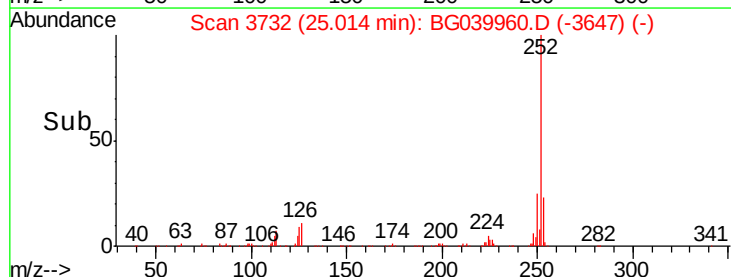
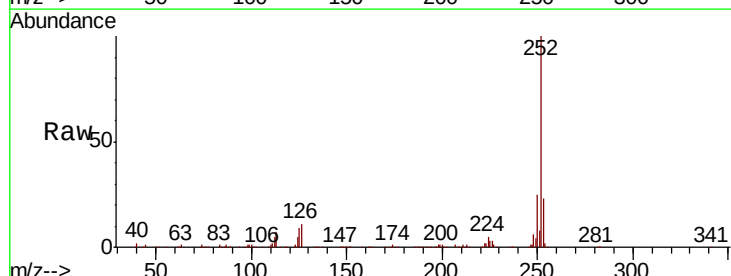
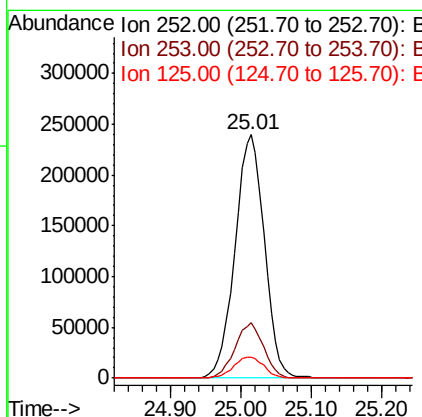
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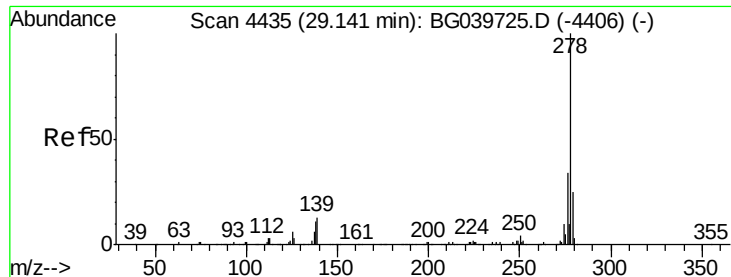
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#90
Benzo(a)pyrene
Concen: 44.314 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.8	8.3	12.5





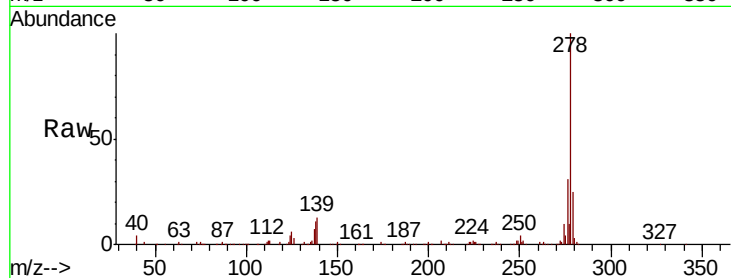
#91
Dibenzo(a,h)anthracene
Concen: 42.502 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.7	17.5
279	24.7	19.1	28.7

Manual Integrations
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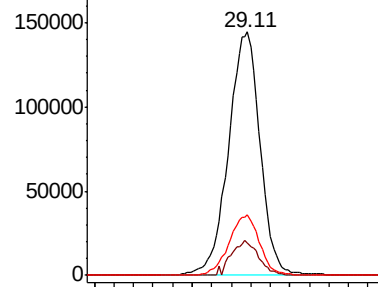


Abundance

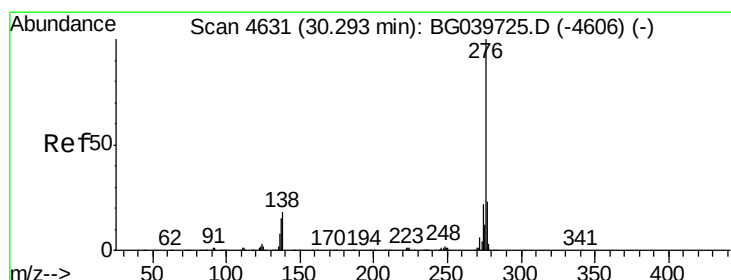
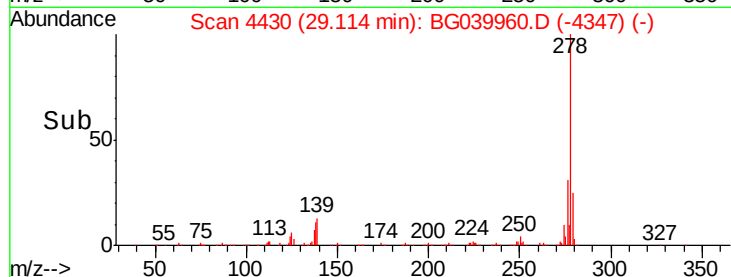
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 43.326 ng
RT: 30.27 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

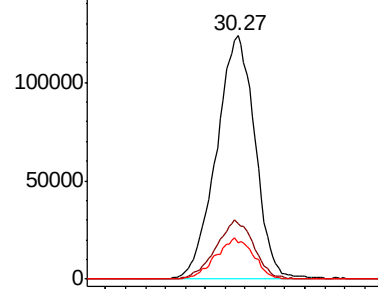
Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	14.8	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

