

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039818.D
 Acq On : 8 Mar 2019 13:02
 Operator : JU/SJ
 Sample : PB117728BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Manual Integrations
 APPROVED

Sohil
 3/11/2019 9:42:24 AM

Quant Time: Mar 09 00:19:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40858	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	184904	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130727	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	324028	20.00	ng	0.00
76) Chrysene-d12	21.81	240	318387	20.00	ng	-0.01
87) Perylene-d12	25.18	264	309176	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	353472	147.59	ng	0.00
7) Phenol-d6	7.31	99	503404	140.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	265124	77.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	205223	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	661011	71.99	ng	-0.01
79) Terphenyl-d14	20.12	244	1092691	75.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	36793	33.276	ng	97
3) Pyridine	3.99	79	95316	32.200	ng	92
4) n-Nitrosodimethylamine	3.91	42	53575	38.152	ng	86
6) Aniline	7.48	93	138499	29.603	ng	98
8) 2-Chlorophenol	7.72	128	125748	43.279	ng	96
9) Benzaldehyde	7.29	77	76089	33.032	ng	94
10) Phenol	7.33	94	169565	43.832	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	114487	37.958	ng	98
12) 1,3-Dichlorobenzene	8.04	146	121969	37.117	ng	98
13) 1,4-Dichlorobenzene	8.19	146	126018	37.649	ng	94
14) 1,2-Dichlorobenzene	8.51	146	123311	38.130	ng	98
15) Benzyl Alcohol	8.39	79	119174	42.071	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	224965	37.293	ng	99
17) 2-Methylphenol	8.59	107	108730	44.079	ng	97
18) Hexachloroethane	9.24	117	44568	37.109	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94977	36.951	ng	94
20) 3+4-Methylphenols	8.91	107	151551	44.225	ng	97
22) Acetophenone	8.99	105	184509	37.179	ng	# 94
24) Nitrobenzene	9.37	77	144510	40.292	ng	98
25) Isophorone	9.89	82	276730	38.630	ng	99
26) 2-Nitrophenol	10.08	139	70135	40.501	ng	99
27) 2,4-Dimethylphenol	10.12	122	131565	48.850	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	169244	38.877	ng	97
29) 2,4-Dichlorophenol	10.61	162	137048	45.196	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	138024	40.451	ng	97
31) Naphthalene	11.03	128	382763	39.098	ng	99
32) Benzoic acid	10.26	122	71614	40.002	ng	100
33) 4-Chloroaniline	11.14	127	106715	25.706	ng	97
34) Hexachlorobutadiene	11.29	225	85762	36.782	ng	91
35) Caprolactam	11.92	113	47691m	41.173	ng	
36) 4-Chloro-3-methylphenol	12.24	107	151085	43.466	ng	97
37) 2-Methylnaphthalene	12.62	142	299449	40.913	ng	94
38) 1-Methylnaphthalene	12.84	142	281763	39.613	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	165448	37.358	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	194752	82.057	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	116161	44.801	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	124830	42.713	ng	98
46) 1,1'-Biphenyl	13.61	154	406500	37.806	ng	99
47) 2-Chloronaphthalene	13.67	162	319616	39.514	ng	98
48) 2-Nitroaniline	13.87	65	110202	42.394	ng	96
49) Acenaphthylene	14.51	152	504664	38.006	ng	99
50) Dimethylphthalate	14.23	163	422726	38.671	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95855	41.364	ng	93
52) Acenaphthene	14.85	154	310559	38.859	ng	99
53) 3-Nitroaniline	14.70	138	71150	30.544	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	92966	64.690	ng	95
55) Dibenzofuran	15.18	168	507947	38.738	ng	99
56) 4-Nitrophenol	14.99	139	164756	79.063	ng	87
57) 2,4-Dinitrotoluene	15.14	165	137861	42.338	ng	# 87
58) Fluorene	15.82	166	402216	39.019	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	125469	43.959	ng	96
60) Diethylphthalate	15.58	149	432086	39.930	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	214604	39.014	ng	97
62) 4-Nitroaniline	15.86	138	102534	40.601	ng	95
63) Azobenzene	16.10	77	384083	39.156	ng	95
65) 4,6-Dinitro-2-methylphenol	15.90	198	72345	37.761	ng	92
66) n-Nitrosodiphenylamine	16.03	169	375022	39.978	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	141028	38.883	ng	95
68) Hexachlorobenzene	16.82	284	145612	38.731	ng	93
69) Atrazine	16.97	200	150316	40.715	ng	97
70) Pentachlorophenol	17.17	266	181948	76.630	ng	97
71) Phenanthrene	17.57	178	685304	38.397	ng	99
72) Anthracene	17.66	178	697395	40.097	ng	98
73) Carbazole	17.93	167	613315	39.116	ng	98
74) Di-n-butylphthalate	18.46	149	752682	40.800	ng	99
75) Fluoranthene	19.57	202	826517	39.184	ng	99
77) Benzidine	19.75	184	314293	31.108	ng	97
78) Pyrene	19.93	202	807106	39.011	ng	99
80) Butylbenzylphthalate	20.80	149	347044	43.297	ng	94
81) Benzo(a)anthracene	21.79	228	768668	38.522	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	209925	28.815	ng	97
83) Chrysene	21.86	228	746863	38.607	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	483606	42.935	ng	99
85) Di-n-octyl phthalate	22.91	149	819273	43.929	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	878876	40.047	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	779640	42.287	ng	99
89) Benzo(k)fluoranthene	24.18	252	740855	43.169	ng	100
90) Benzo(a)pyrene	25.02	252	750400	44.046	ng	98
91) Dibenzo(a,h)anthracene	29.12	278	713417	42.715	ng	99
92) Benzo(g,h,i)perylene	30.29	276	713309	42.524	ng	98

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

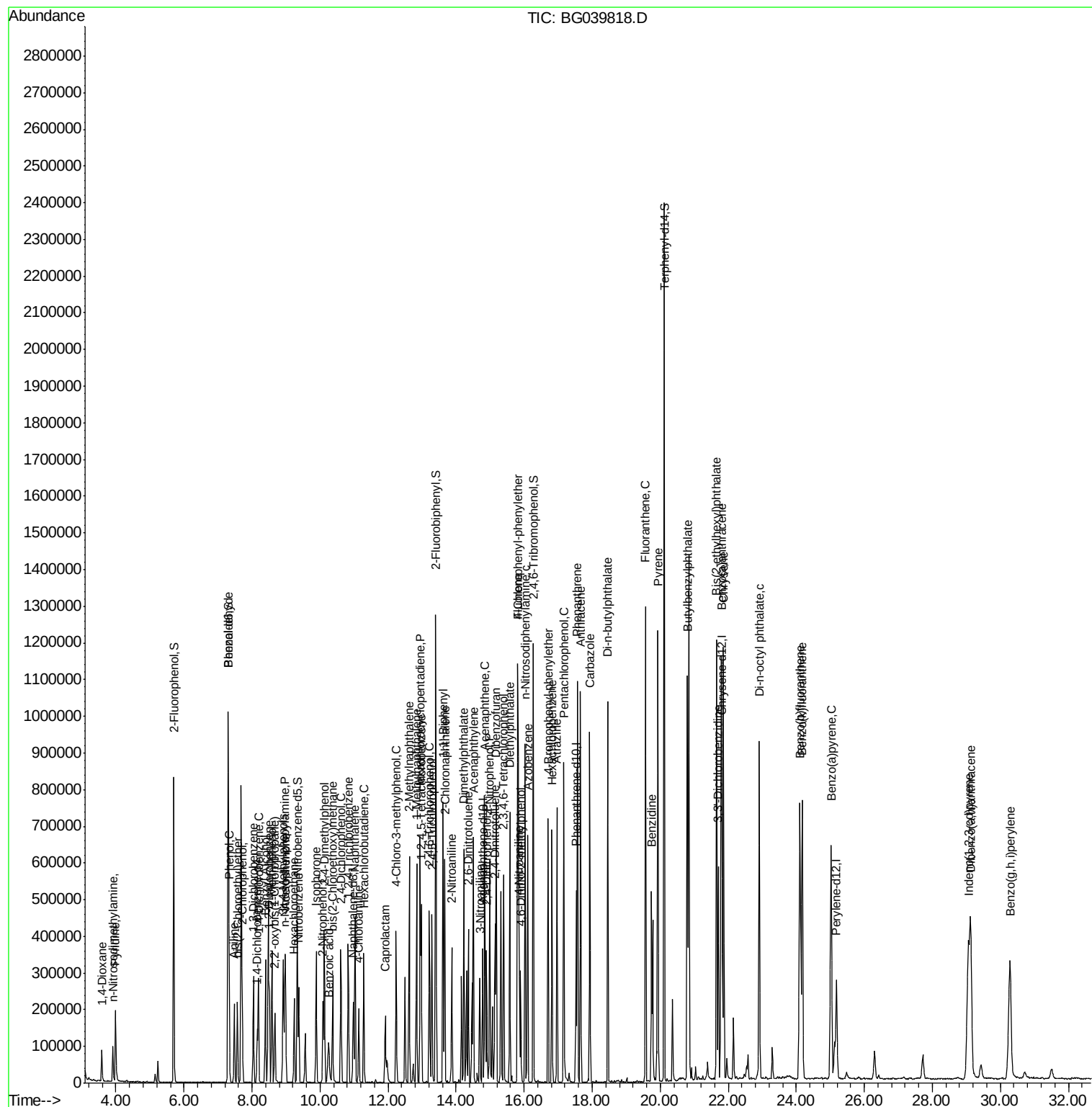
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
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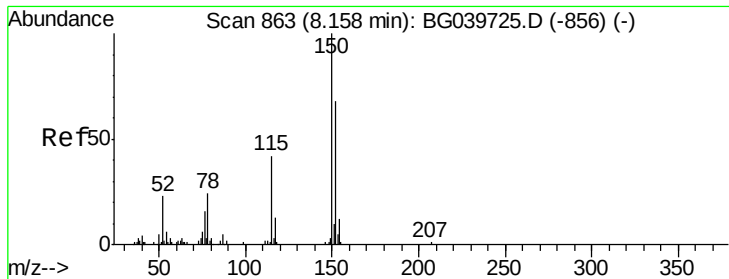
Instrument :
BNA_G
ClientSampleId :
PB117728BS

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#1

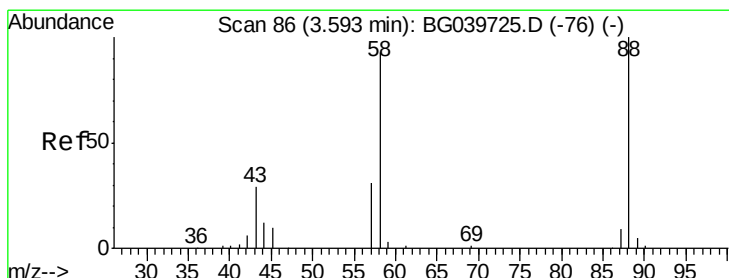
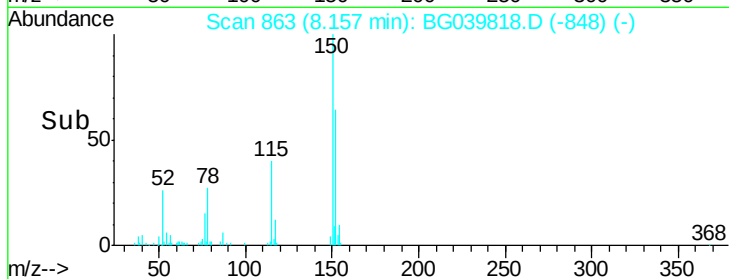
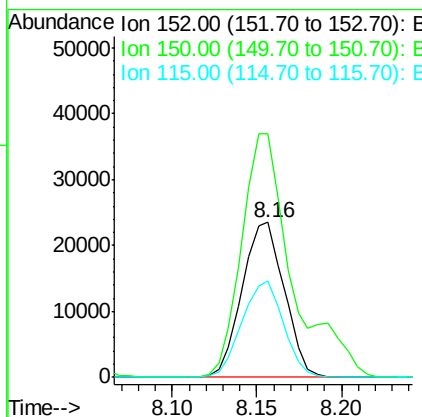
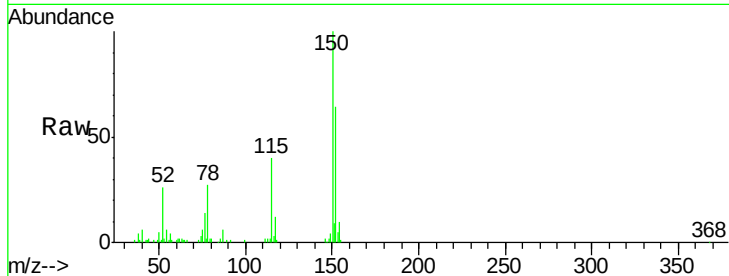
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.7	185.5
115	62.5	45.9	68.9

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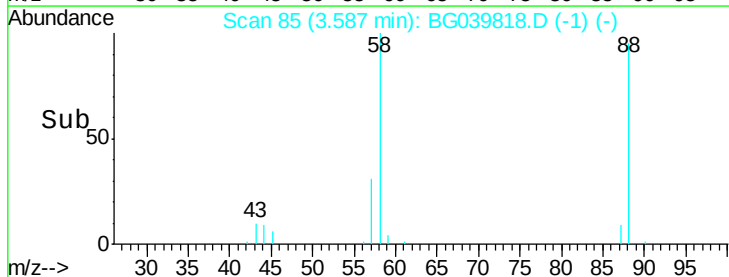
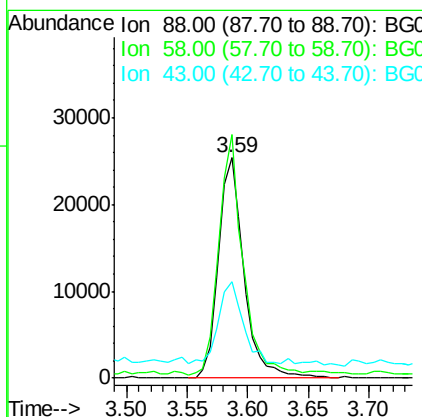
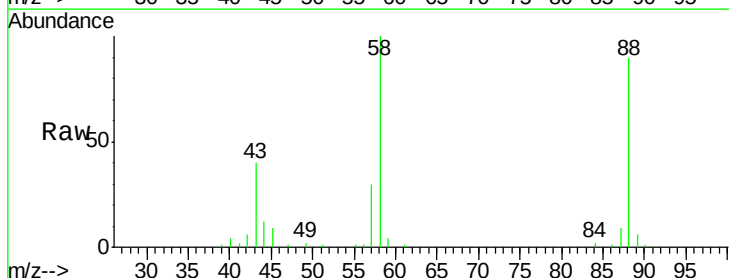
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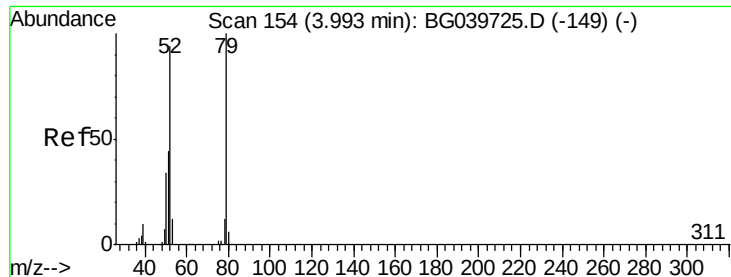


#2

1,4-Dioxane
Concen: 33.276 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	81.1	121.7
43	35.7	31.4	47.0





#3

Pyridine

Concen: 32.200 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

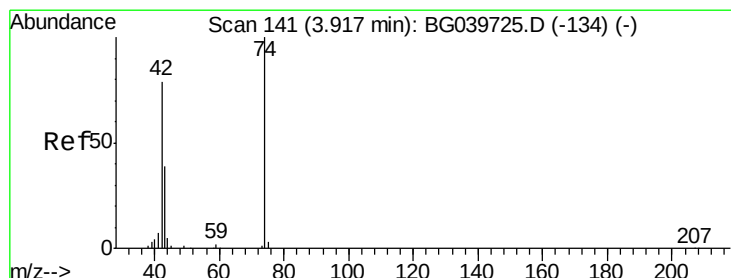
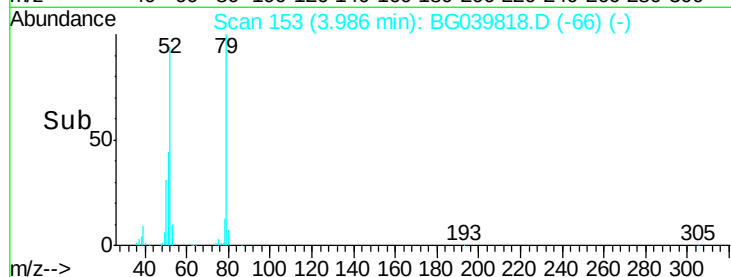
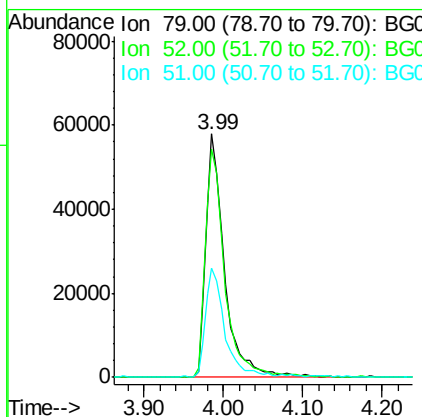
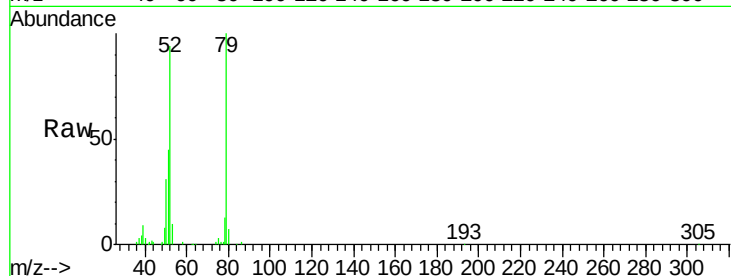
ClientSampleId :

PB117728BS

Tgt Ion:	79	Resp:	95316
Ion	Ratio	Lower	Upper
79	100		
52	93.5	82.6	124.0
51	44.7	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.152 ng

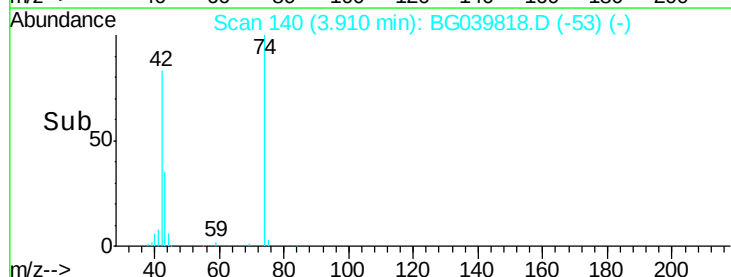
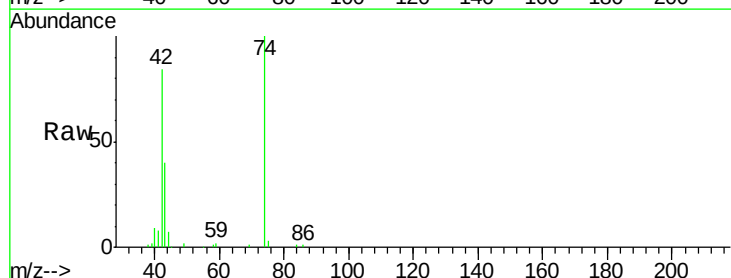
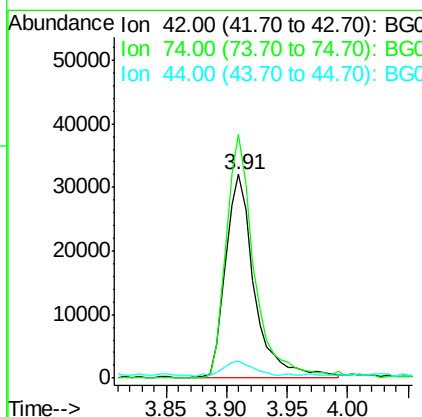
RT: 3.91 min Scan# 140

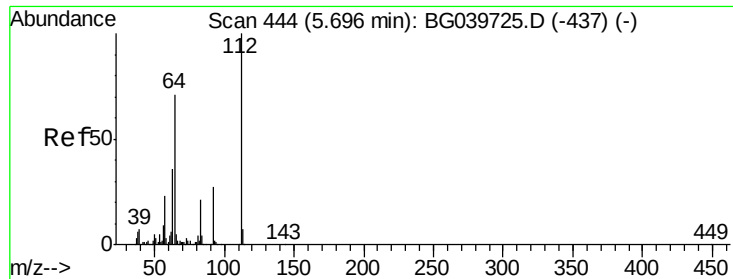
Delta R.T. -0.02 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	42	Resp:	53575
Ion	Ratio	Lower	Upper
42	100		
74	119.7	83.6	125.4
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 147.591 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

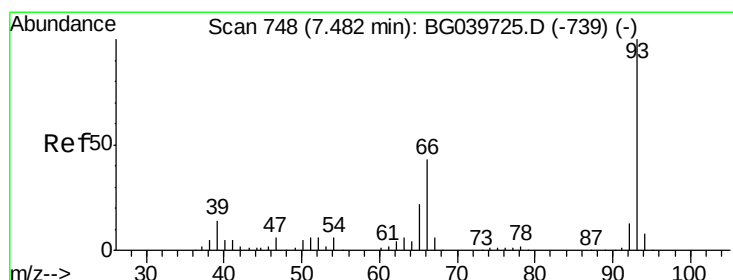
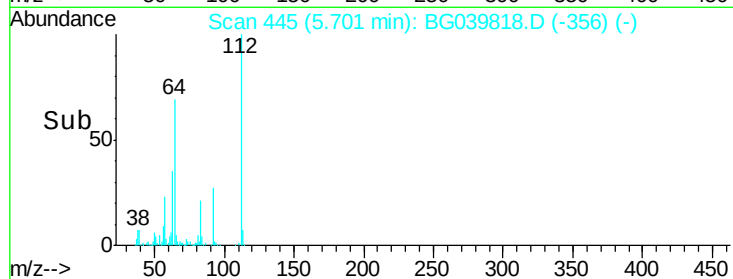
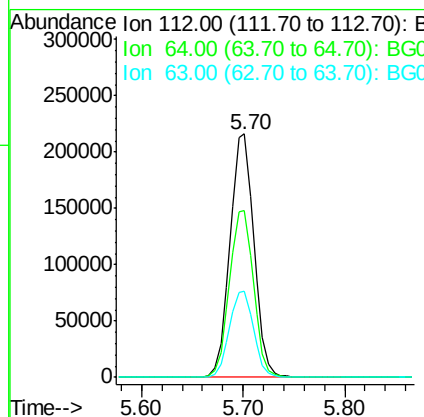
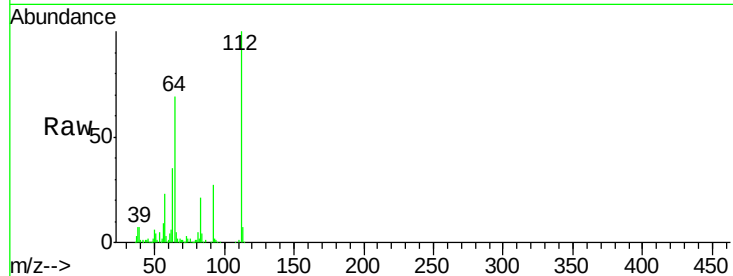
ClientSampleId :

PB117728BS

Tgt Ion:	112	Resp:	353472
Ion Ratio	Lower	Upper	
112	100		
64	68.5	57.8	86.8
63	35.5	29.8	44.6

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#6

Aniline

Concen: 29.603 ng

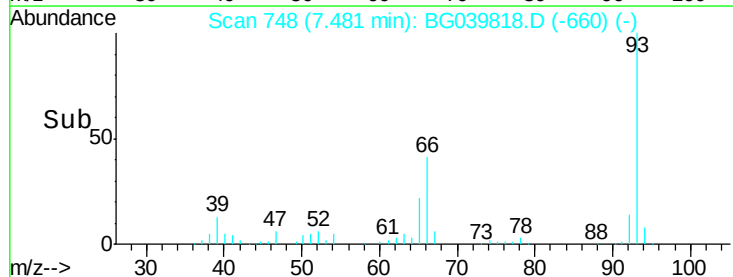
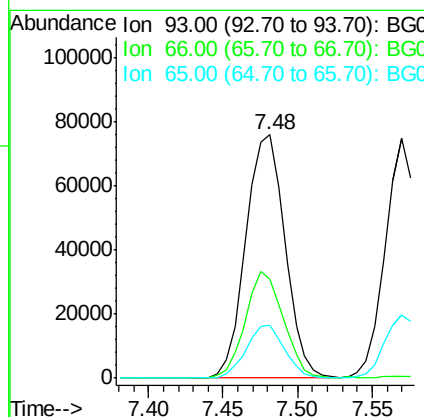
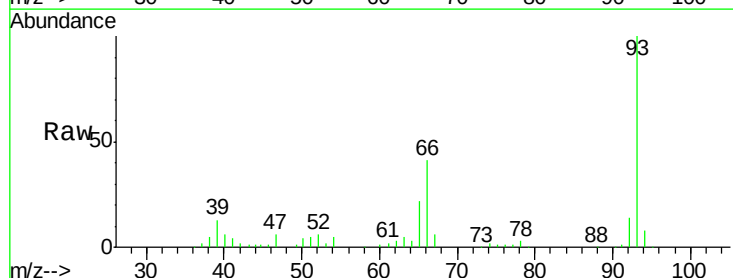
RT: 7.48 min Scan# 748

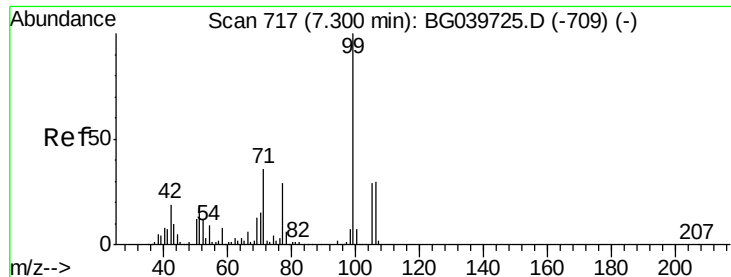
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	93	Resp:	138499
Ion Ratio	Lower	Upper	
93	100		
66	40.6	34.2	51.4
65	21.9	17.7	26.5





#7

Phenol-d6

Concen: 140.970 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

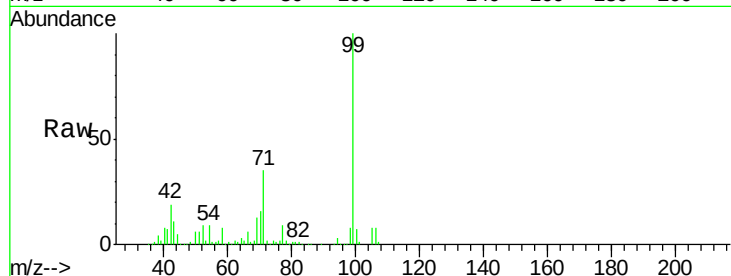
ClientSampleId :

PB117728BS

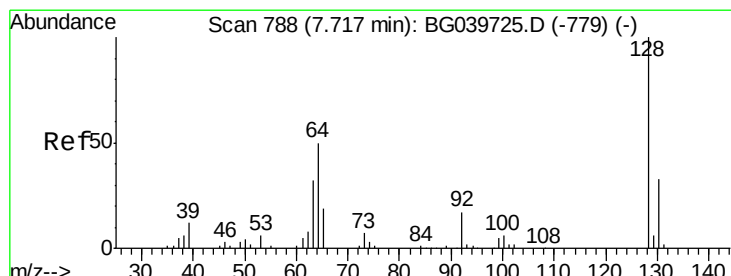
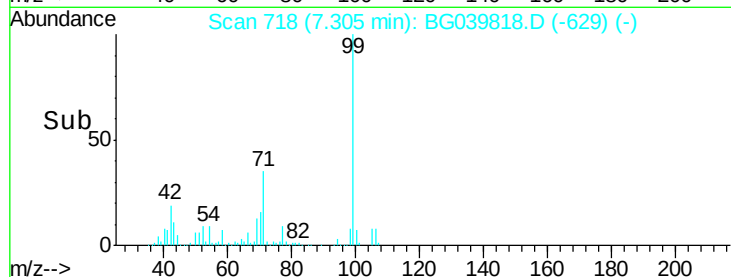
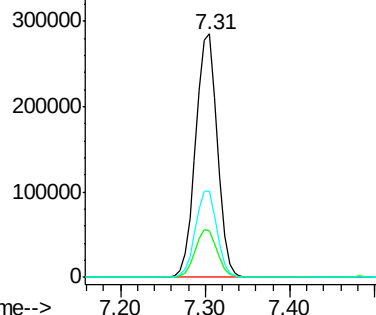
Tgt Ion:	99	Resp:	503404
Ion	Ratio	Lower	Upper
99	100		
42	19.0	18.2	27.2
71	35.5	28.0	42.0

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



#8

2-Chlorophenol

Concen: 43.279 ng

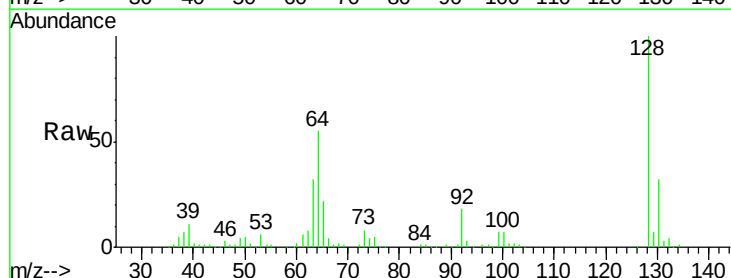
RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

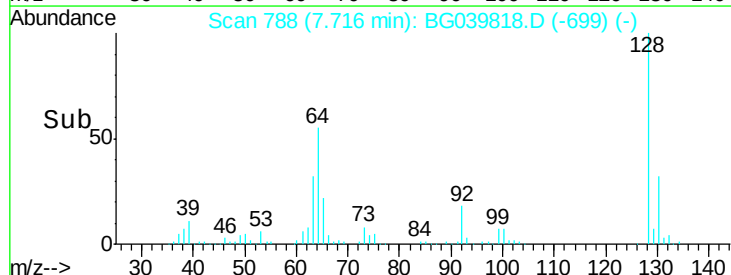
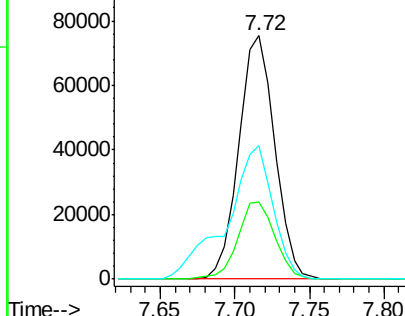
Lab File: BG039818.D

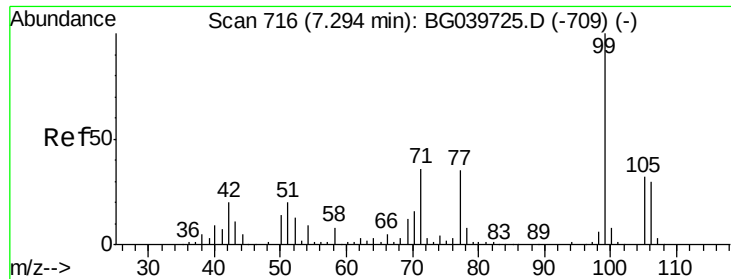
Acq: 8 Mar 2019 13:02

Tgt Ion:	128	Resp:	125748
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	54.9	38.7	78.7



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





#9

Benzaldehyde

Concen: 33.032 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

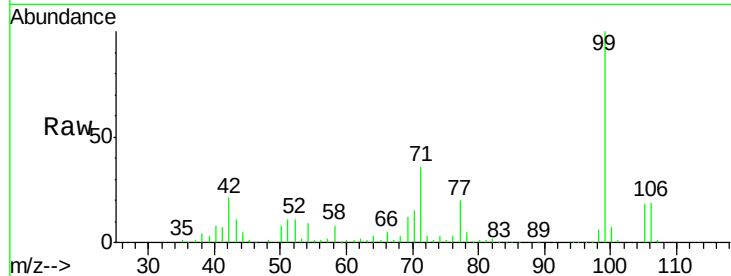
ClientSampleId :

PB117728BS

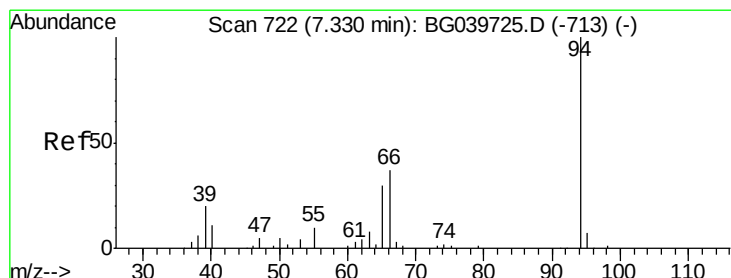
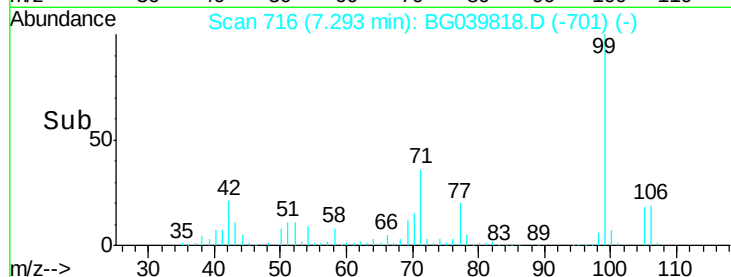
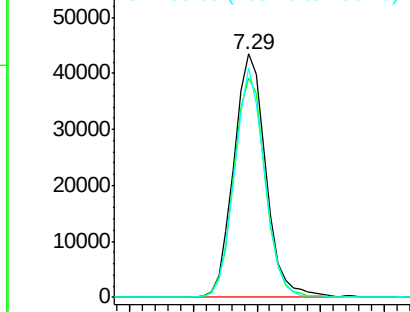
Tgt Ion:	77	Resp:	76089
Ion Ratio	Lower	Upper	
77	100		
105	90.3	74.5	114.5
106	94.4	68.0	108.0

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.832 ng

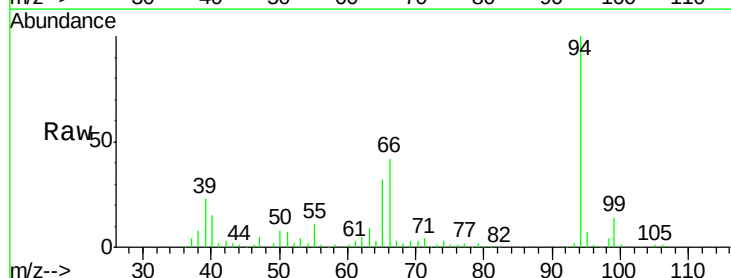
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

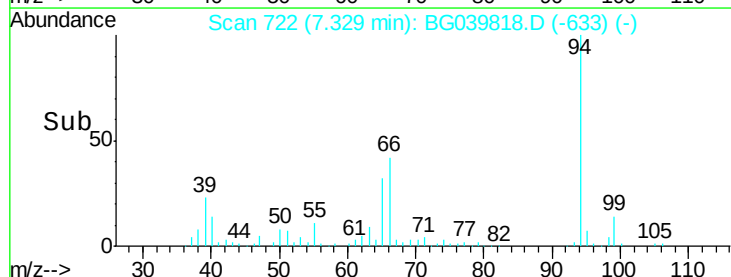
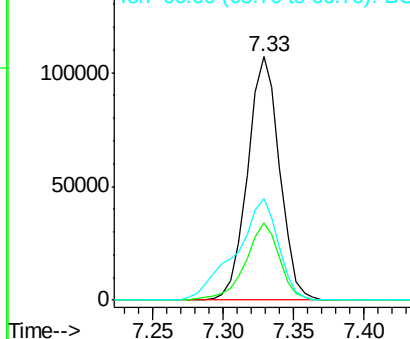
Lab File: BG039818.D

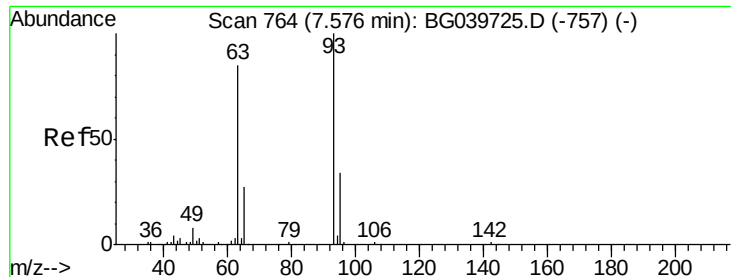
Acq: 8 Mar 2019 13:02

Tgt Ion:	94	Resp:	169565
Ion Ratio	Lower	Upper	
94	100		
65	31.7	11.7	51.7
66	41.8	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





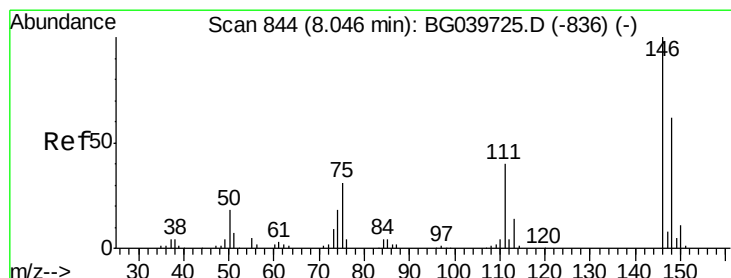
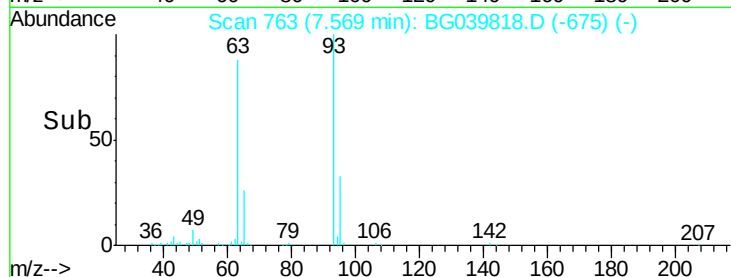
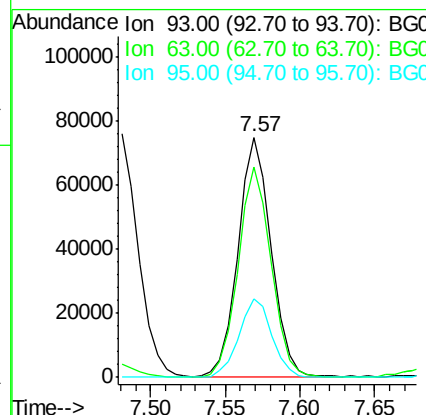
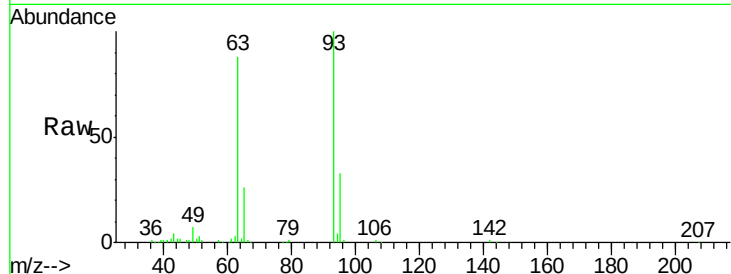
#11
bis(2-Chloroethyl)ether
Concen: 37.958 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	114487		
63	87.5	69.5	109.5	
95	32.8	12.7	52.7	

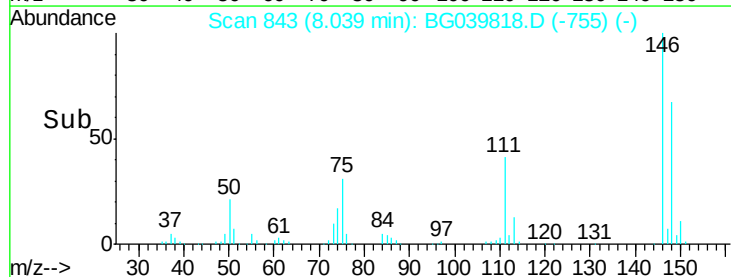
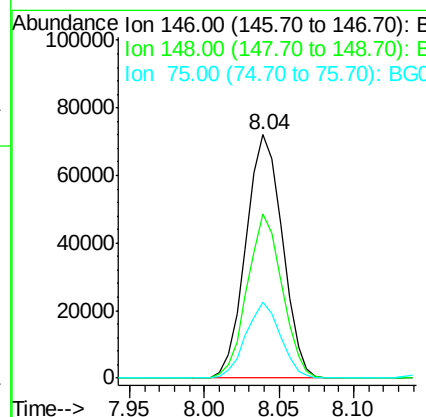
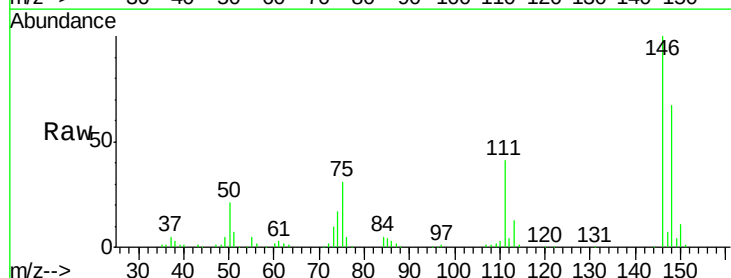
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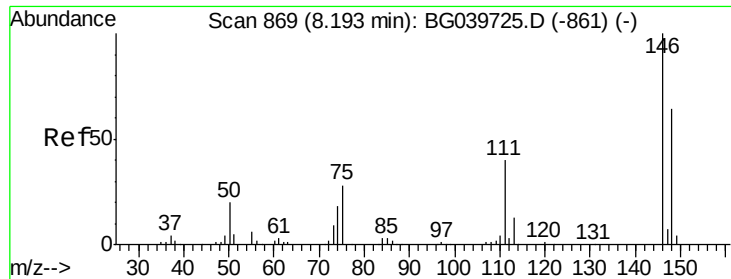
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#12
1,3-Dichlorobenzene
Concen: 37.117 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121969		
148	67.2	52.6	79.0	
75	31.1	25.8	38.6	





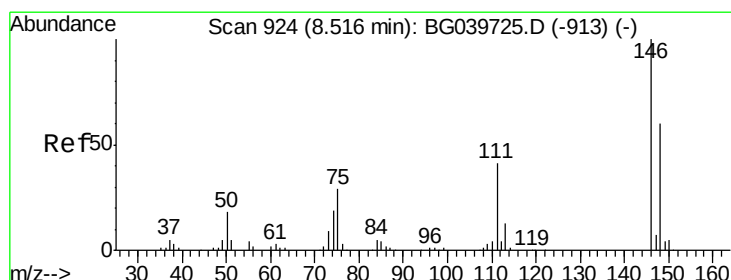
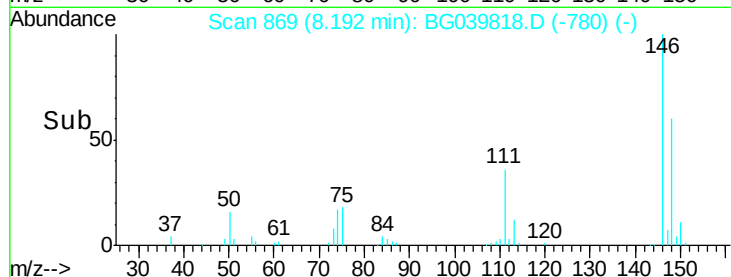
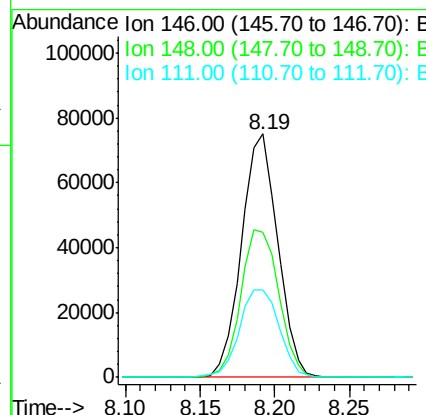
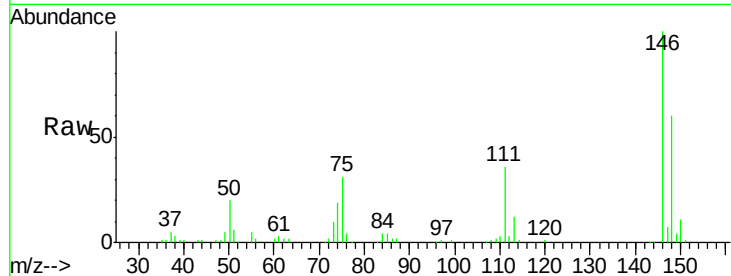
#13
 1,4-Dichlorobenzene
 Concen: 37.649 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :
 PB117728BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.6	51.1	76.7
111	35.9	32.6	48.8

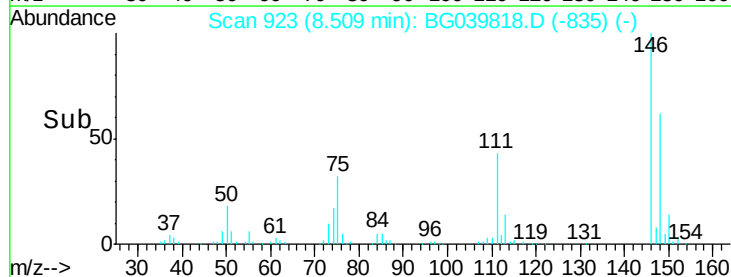
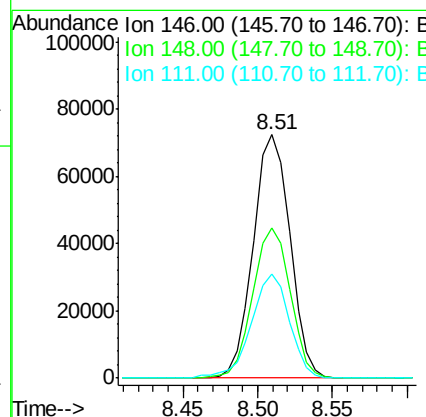
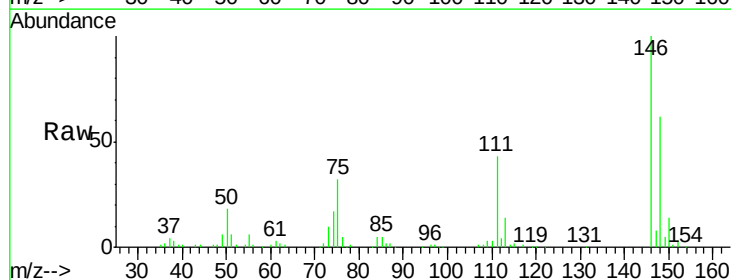
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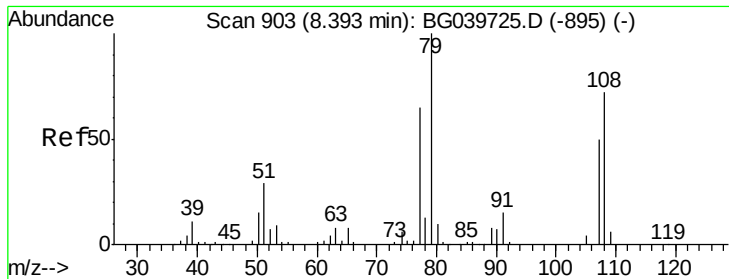
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#14
 1,2-Dichlorobenzene
 Concen: 38.130 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.5	77.3
111	42.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.071 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

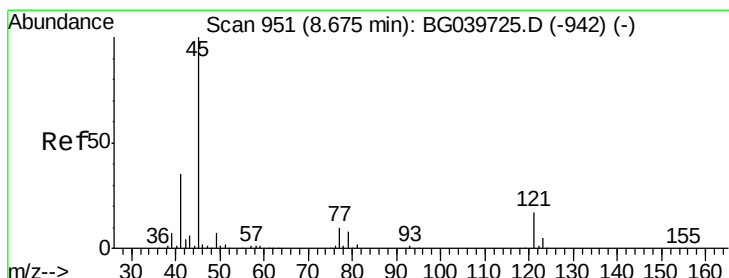
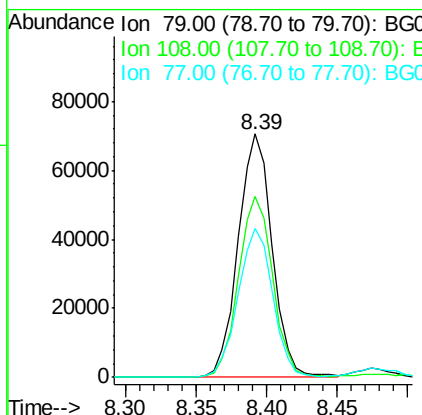
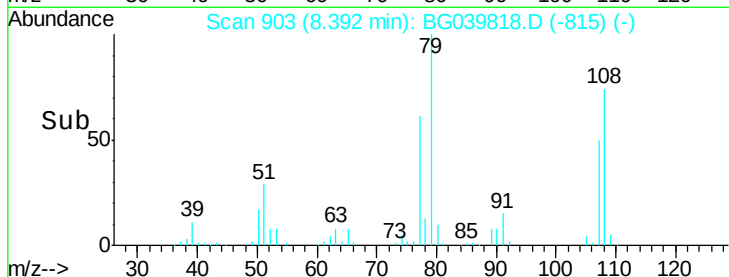
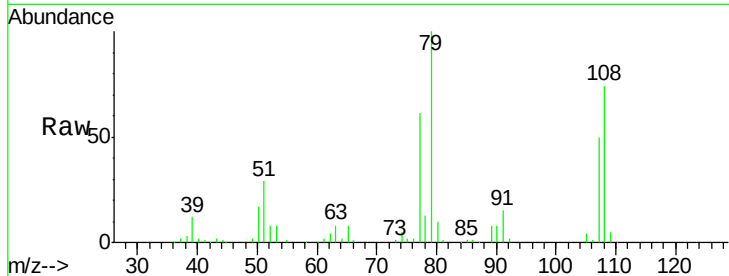
ClientSampleId :

PB117728BS

Tgt Ion:	79	Resp:	119174
Ion Ratio	Lower	Upper	
79	100		
108	74.2	57.8	86.6
77	61.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.293 ng

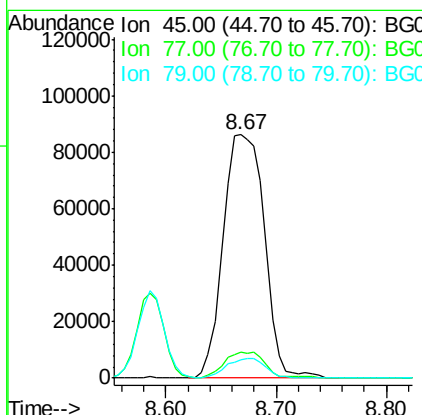
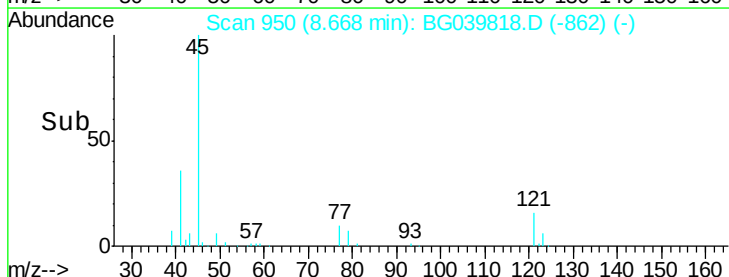
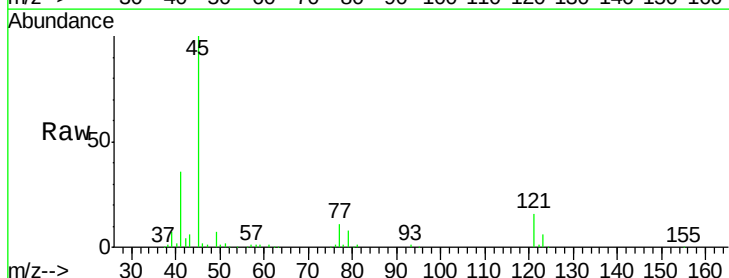
RT: 8.67 min Scan# 950

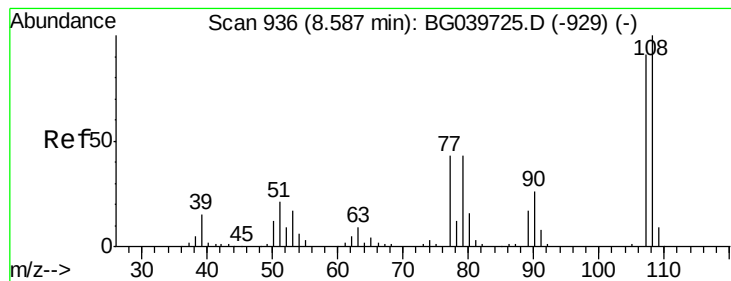
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	45	Resp:	224965
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.0
79	7.6	0.0	27.5





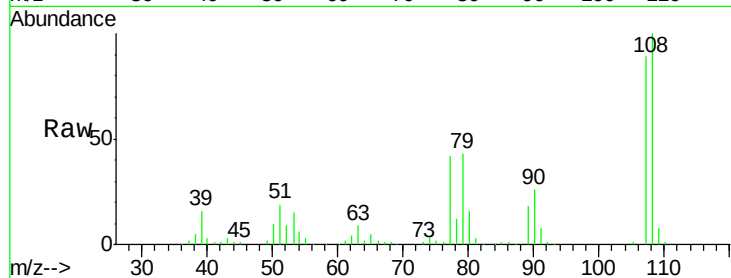
#17
2-Methylphenol
Concen: 44.079 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion:	107	Resp:	108730
Ion Ratio	Lower	Upper	
107	100		
108	112.0	90.8	136.2
77	46.7	40.7	61.1
79	47.9	40.6	60.8

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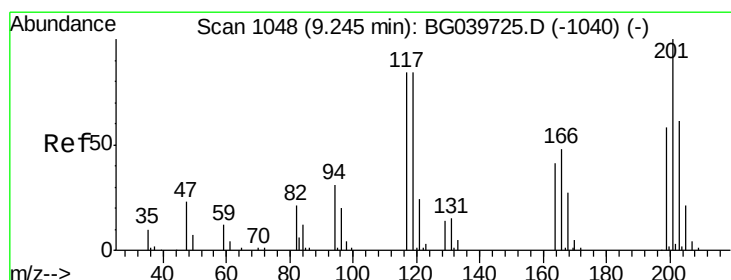
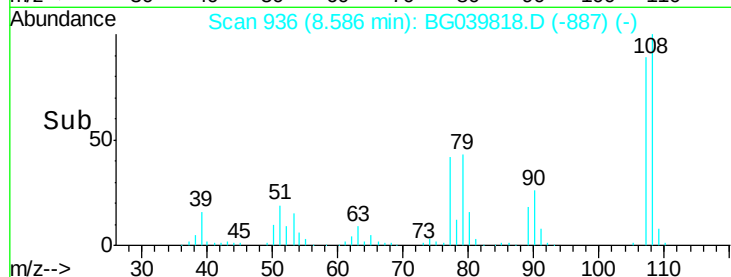
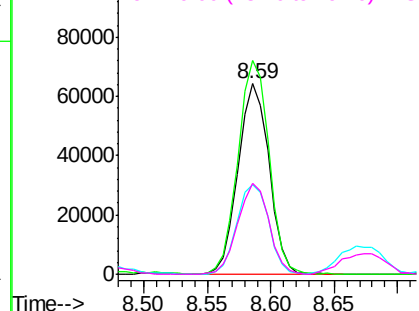
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.109 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

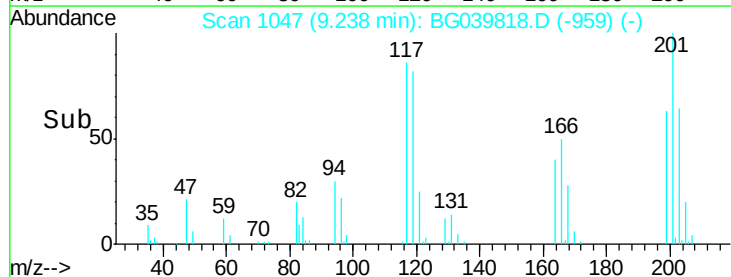
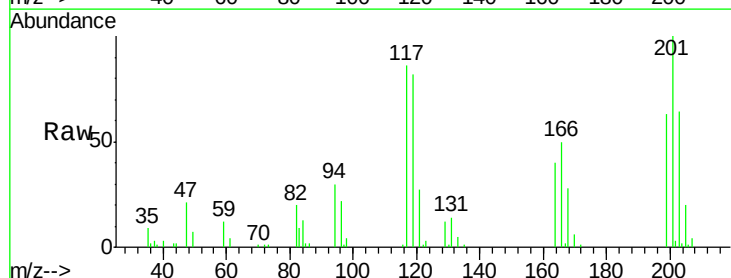
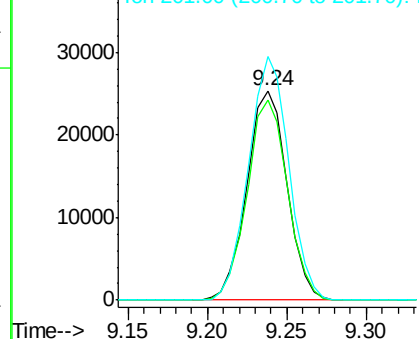
Tgt Ion:	117	Resp:	44568
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.3	114.5
201	116.1	91.1	136.7

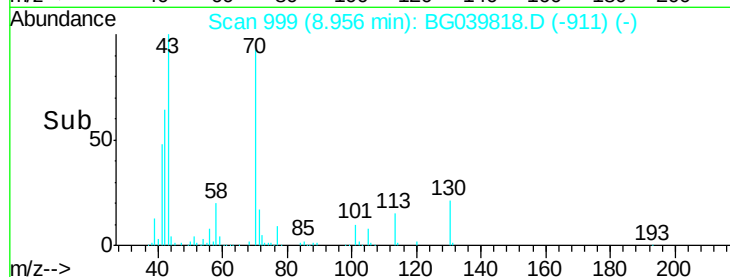
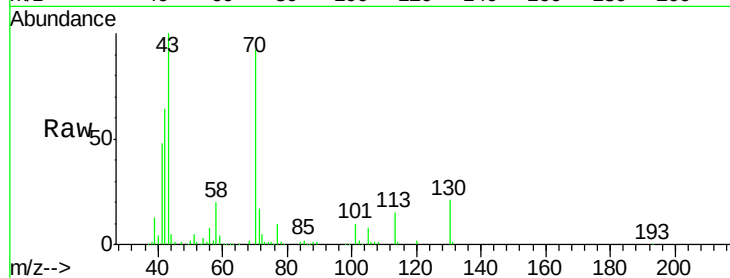
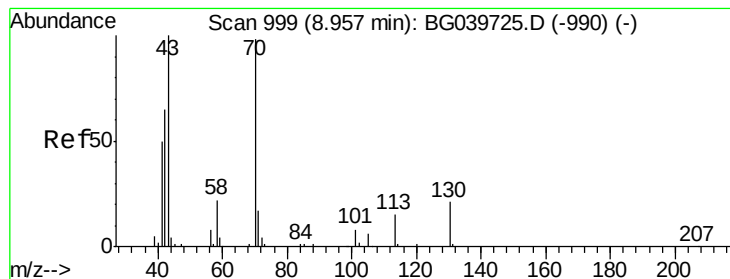
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.951 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.9	60.4	90.6
101	10.4	7.5	11.3
130	22.3	16.9	25.3

Instrument :

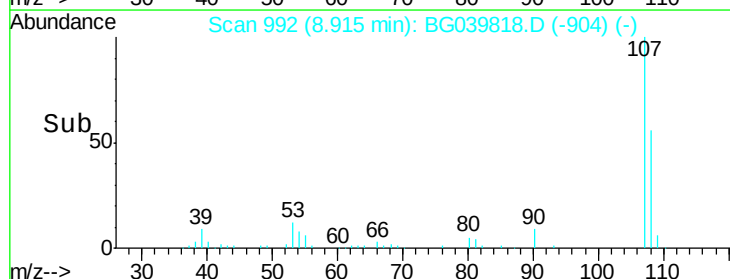
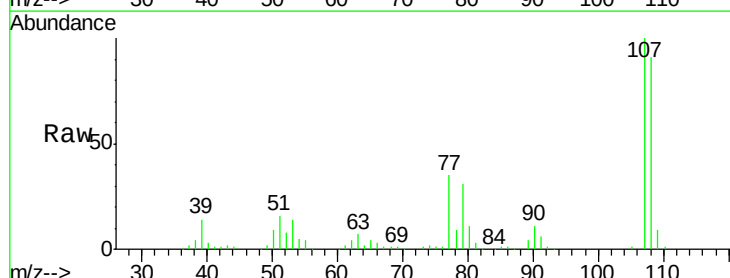
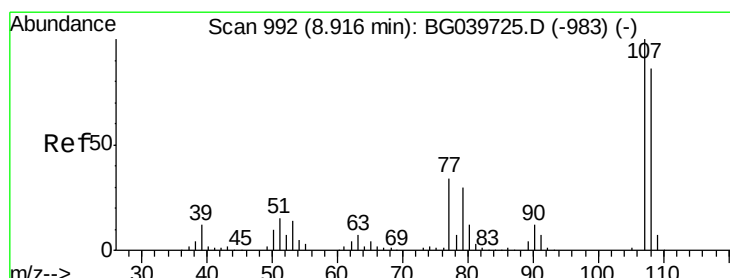
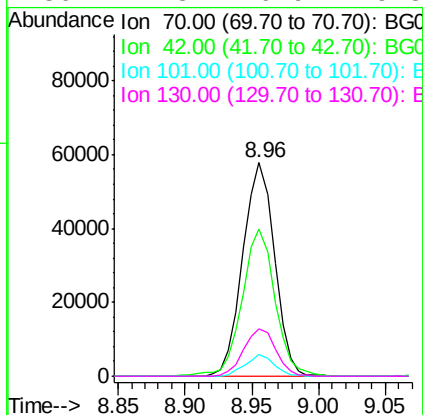
BNA_G

ClientSampleId :

PB117728BS

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#20

3+4-Methylphenols

Concen: 44.225 ng

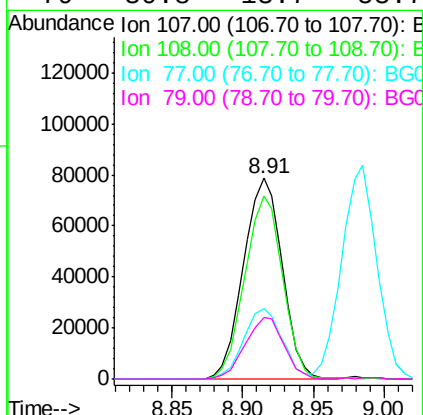
RT: 8.91 min Scan# 992

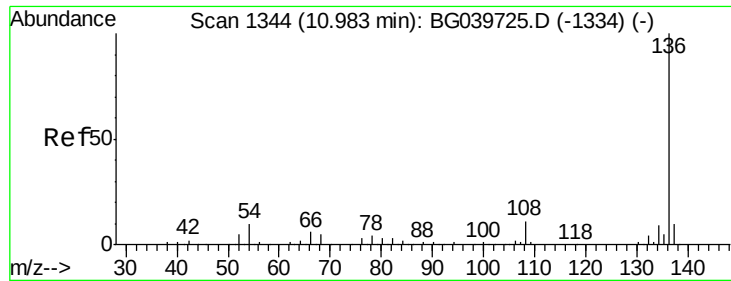
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.9	107.9
77	35.1	15.4	55.4
79	30.8	13.7	53.7





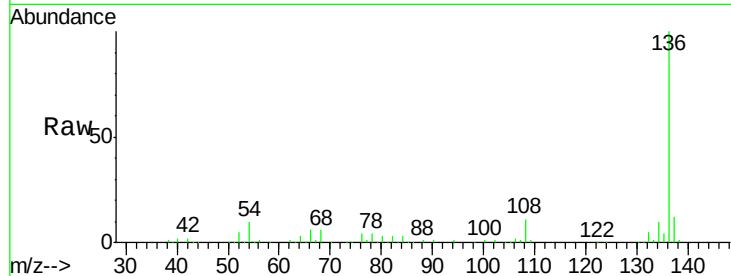
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	184904		
137	11.6	9.1	13.7	
54	9.7	9.4	14.2	
68	5.5	4.2	6.4	

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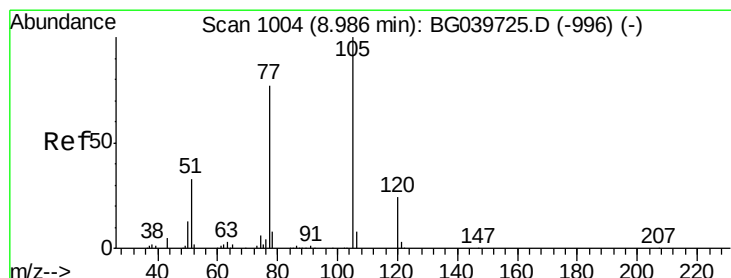
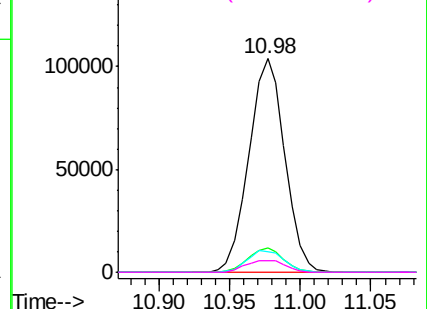
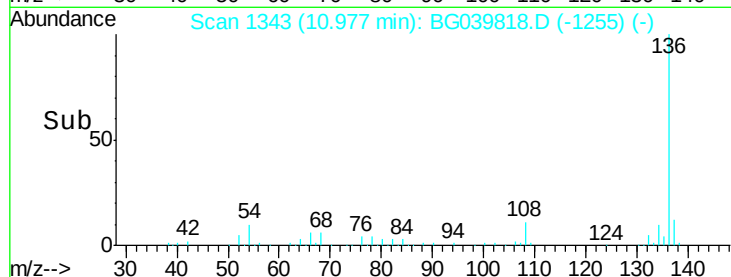
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

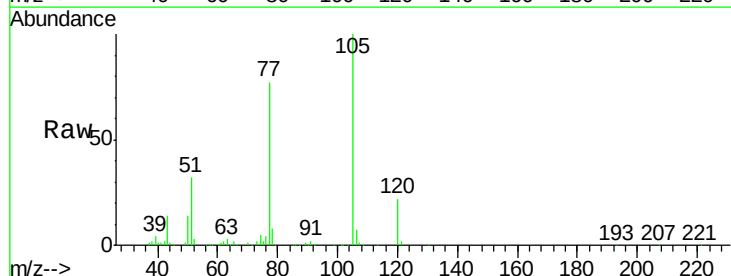
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.179 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184509		
71	0.3	0.8	1.2#	
51	31.8	30.2	45.2	
120	22.4	18.0	27.0	



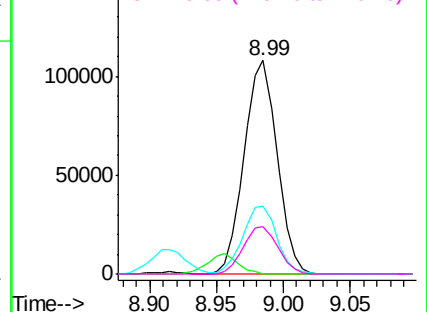
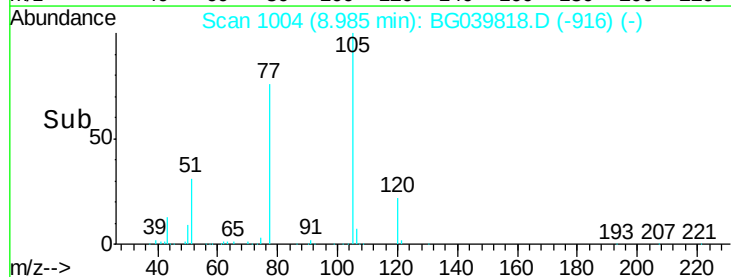
Abundance

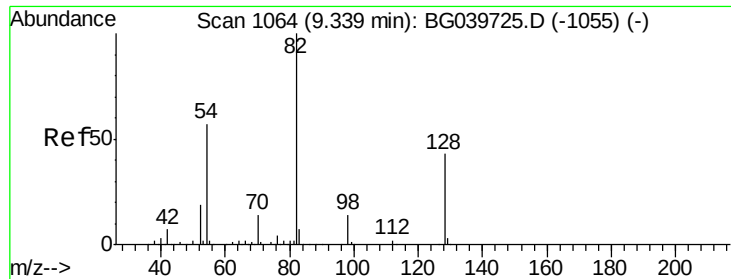
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





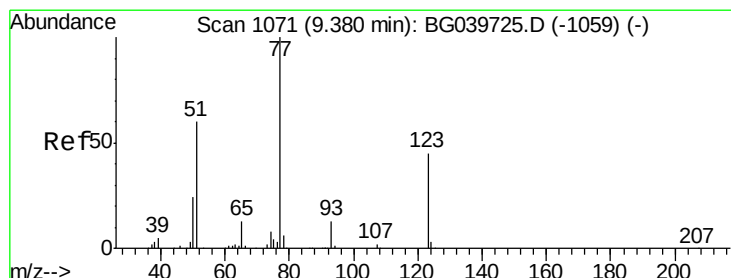
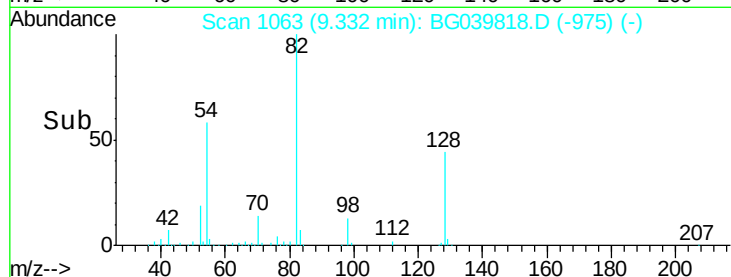
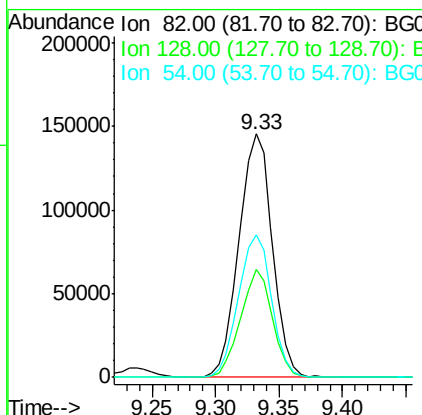
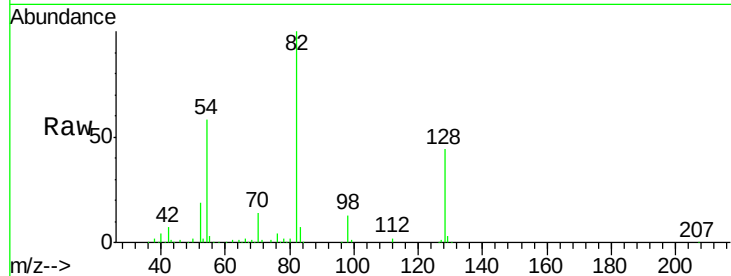
#23
 Nitrobenzene-d5
 Concen: 77.548 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	265124		
128	44.3	31.3	46.9	
54	58.4	50.9	76.3	

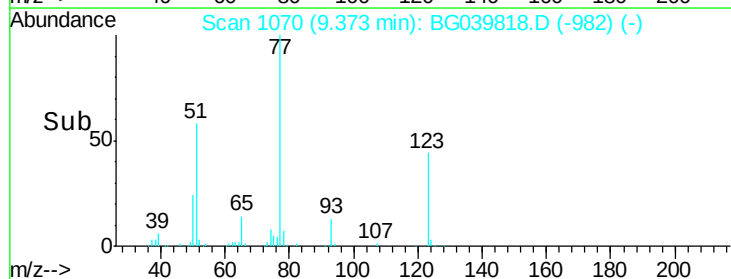
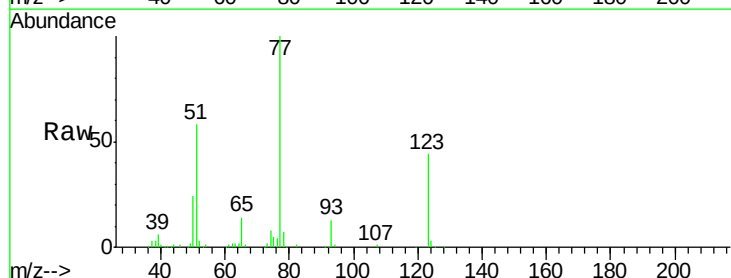
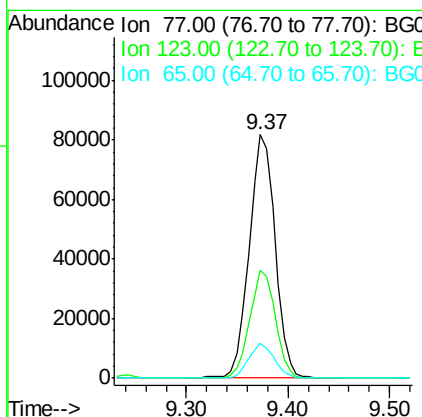
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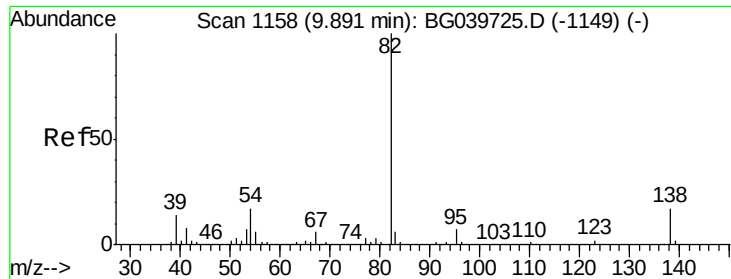
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#24
 Nitrobenzene
 Concen: 40.292 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	144510		
123	44.2	34.1	51.1	
65	14.4	12.3	18.5	





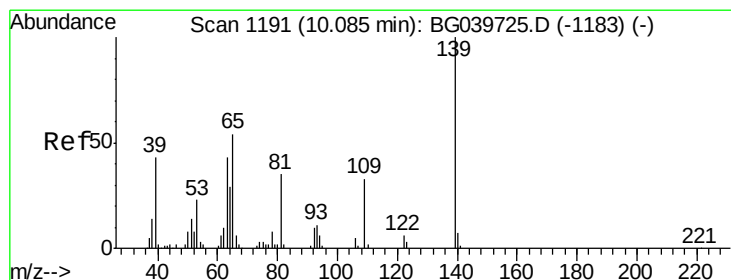
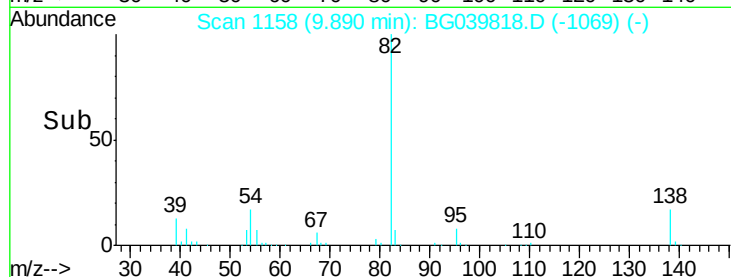
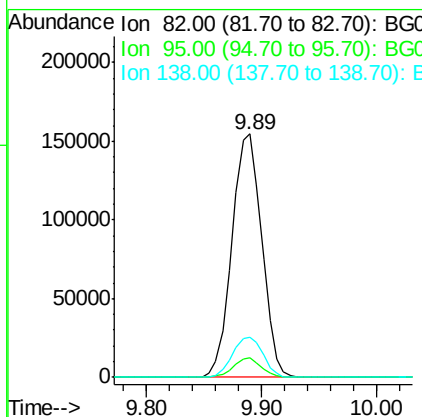
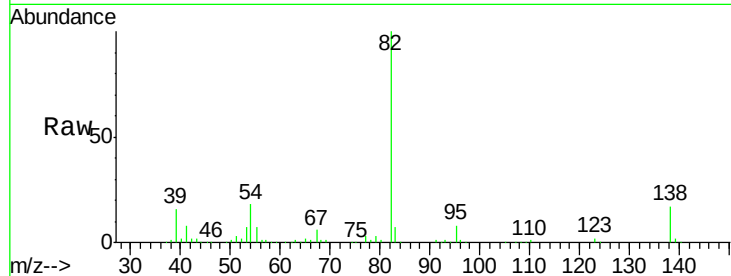
#25
Isophorone
Concen: 38.630 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	276730		
95	7.8	6.2	9.2	
138	16.6	13.0	19.4	

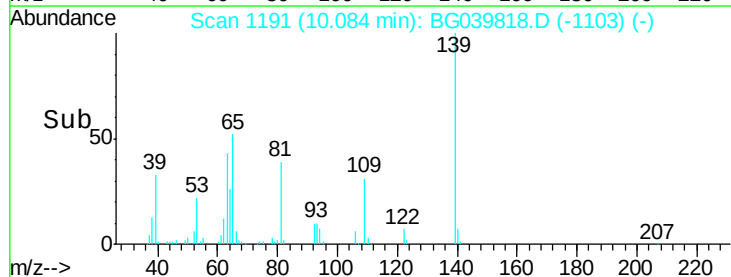
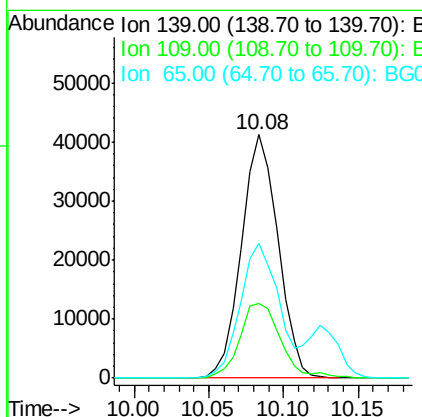
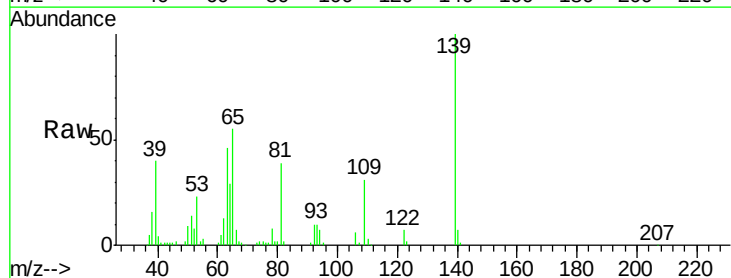
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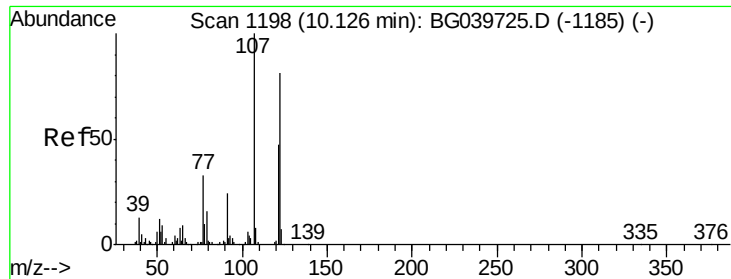
Sohil
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#26
2-Nitrophenol
Concen: 40.501 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	70135		
109	30.6	23.4	35.0	
65	55.3	44.3	66.5	





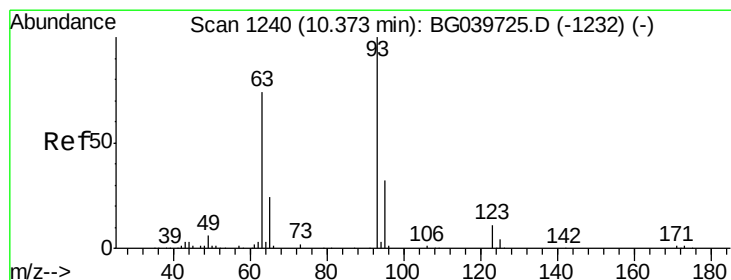
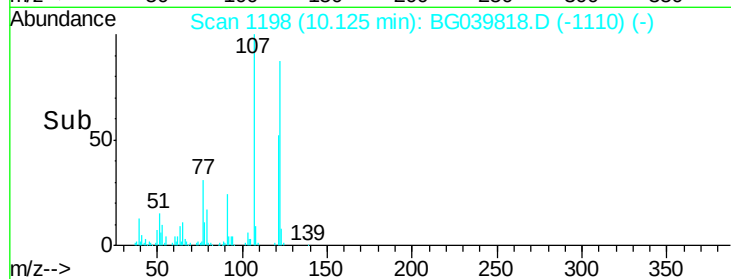
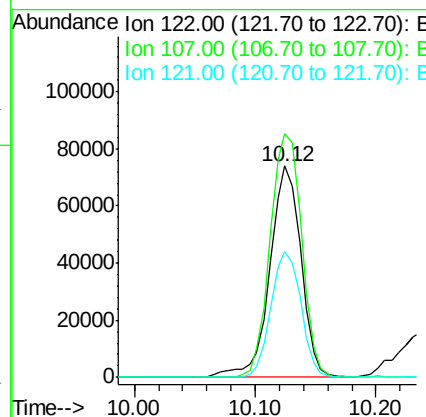
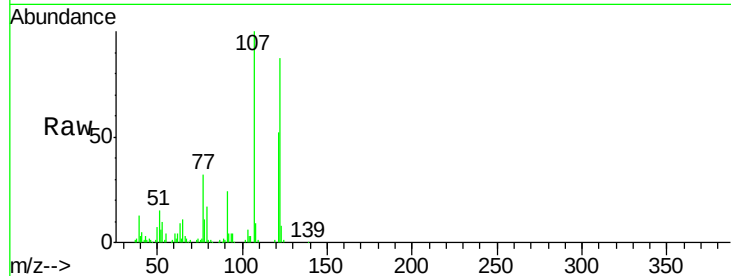
#27
2,4-Dimethylphenol
Concen: 48.850 ng
RT: 10.12 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	131565		
107	115.3	91.7	137.5	
121	59.7	46.4	69.6	

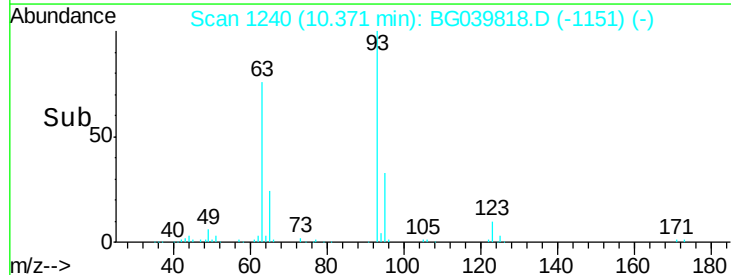
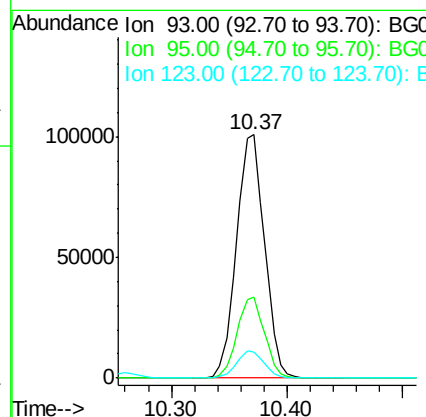
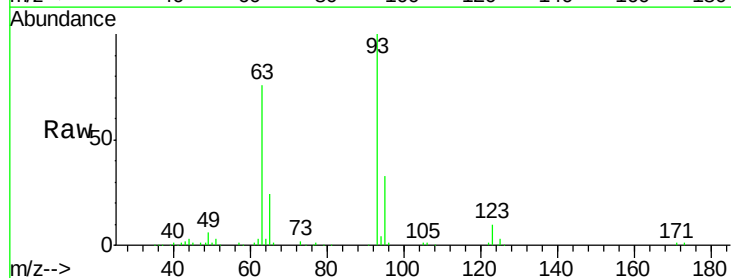
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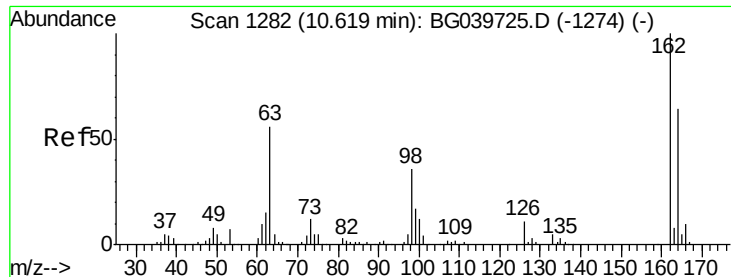
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.877 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169244		
95	33.1	25.0	37.4	
123	10.5	8.6	12.8	





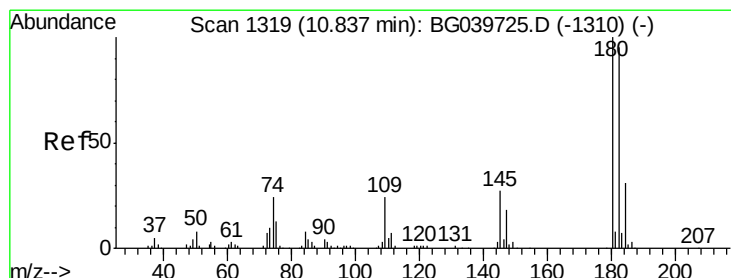
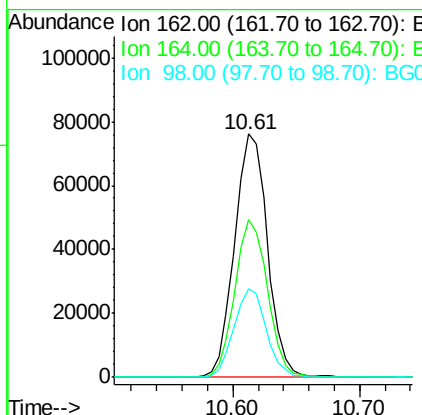
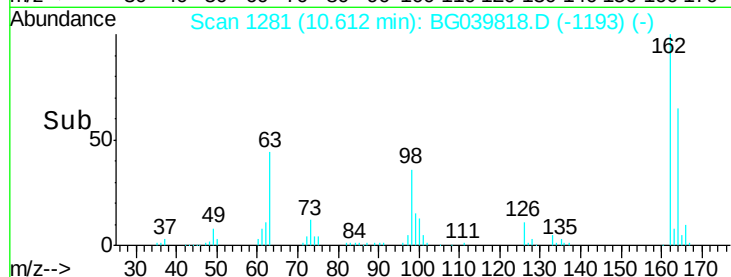
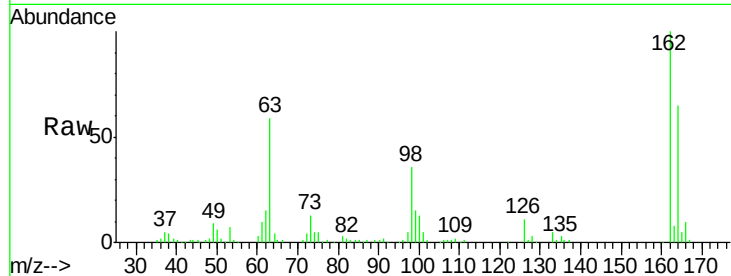
#29
 2,4-Dichlorophenol
 Concen: 45.196 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	137048		
164	64.8	48.1	88.1	
98	36.5	18.1	58.1	

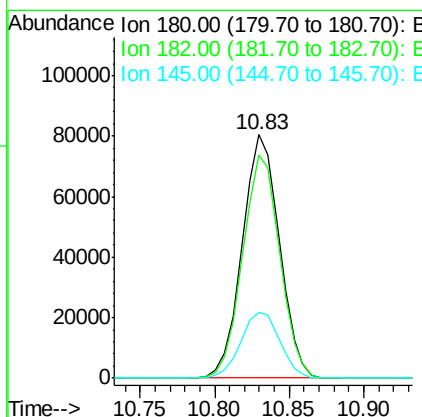
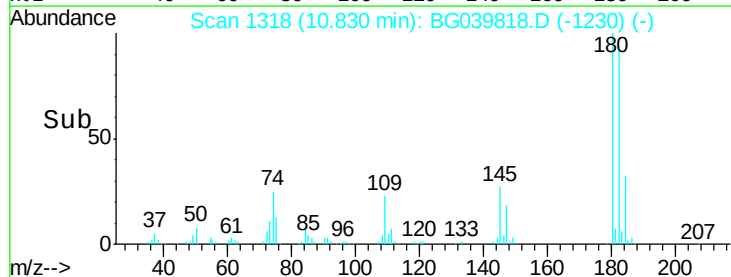
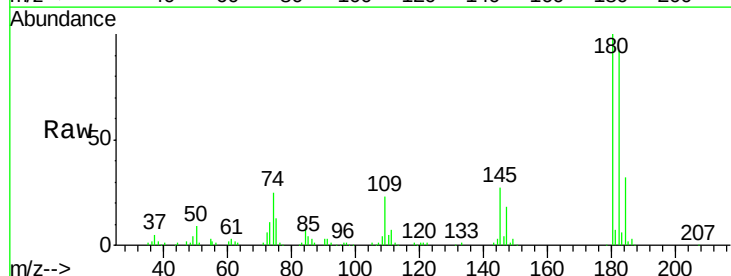
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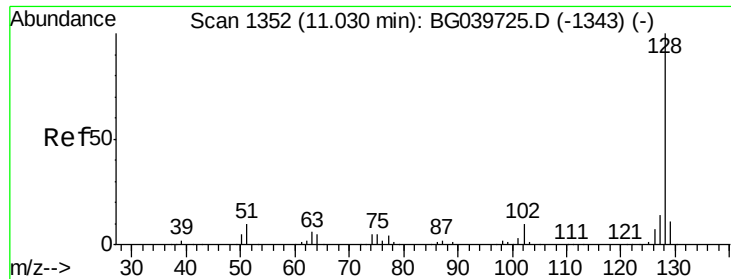
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.451 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138024		
182	91.8	76.0	114.0	
145	26.9	22.7	34.1	





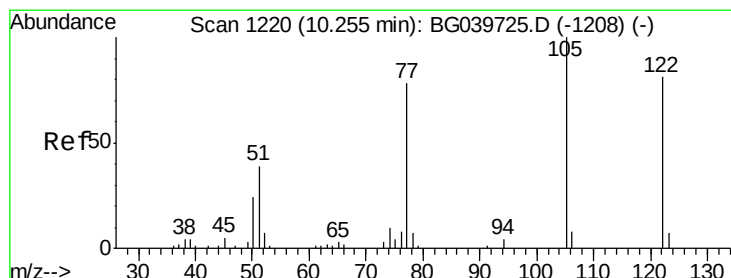
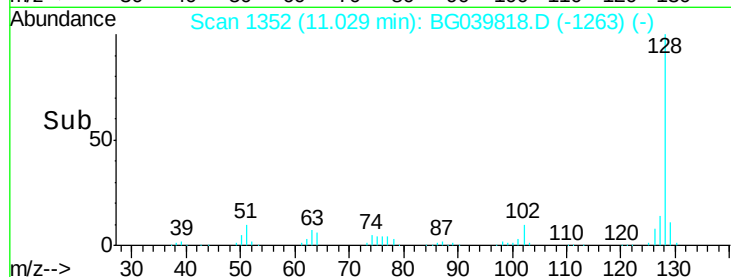
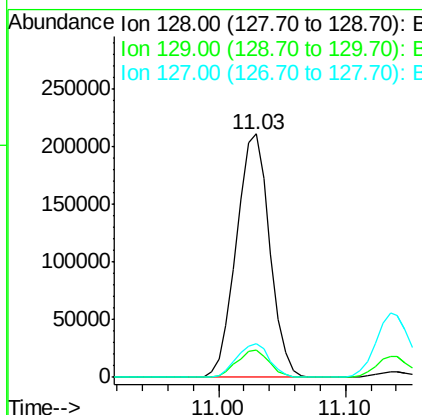
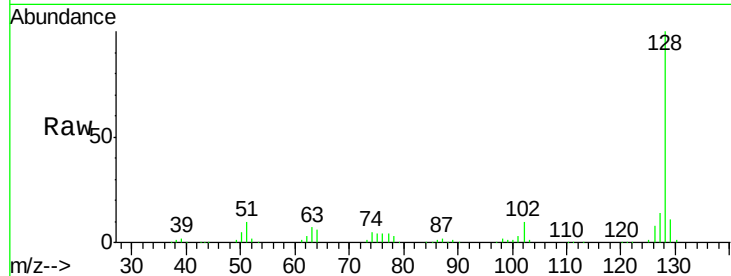
#31
Naphthalene
Concen: 39.098 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampled :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	382763		
129	11.3	8.7	13.1	
127	13.8	10.8	16.2	

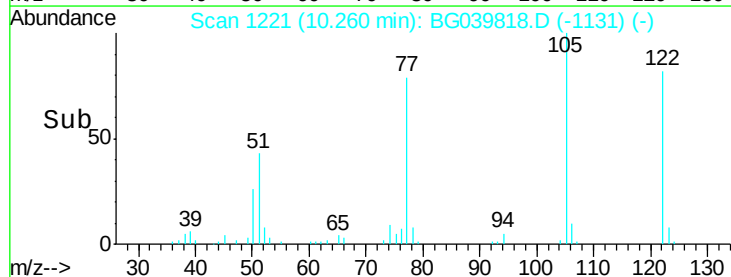
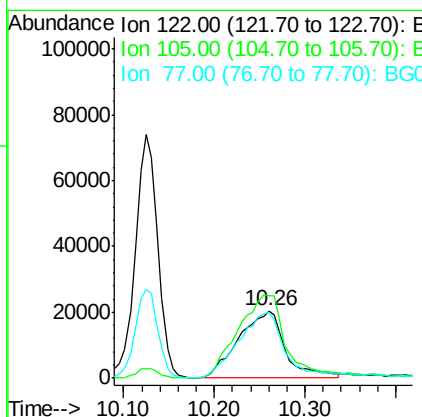
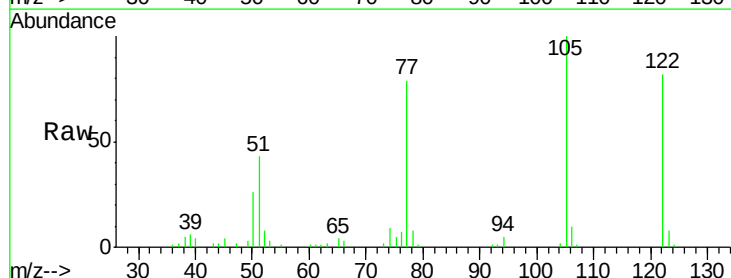
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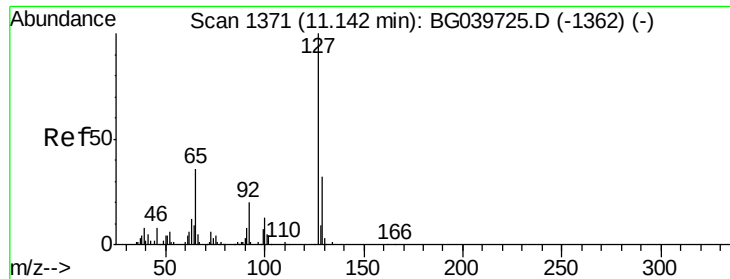
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#32
Benzoic acid
Concen: 40.002 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71614		
105	122.3	101.8	141.8	
77	96.6	76.3	116.3	





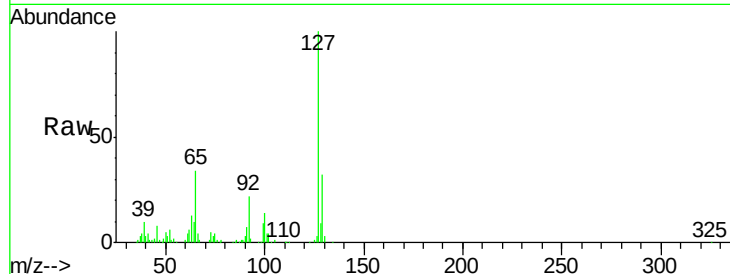
#33
4-Chloroaniline
Concen: 25.706 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

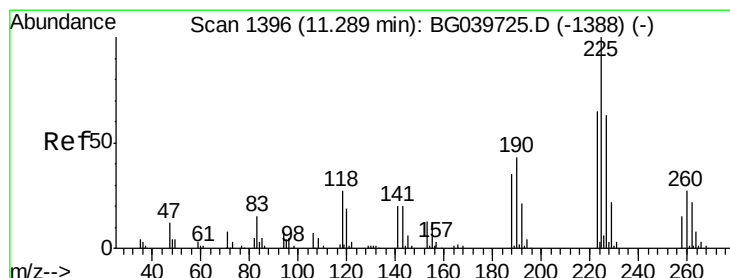
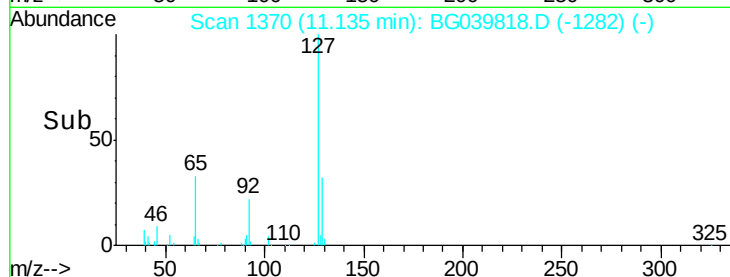
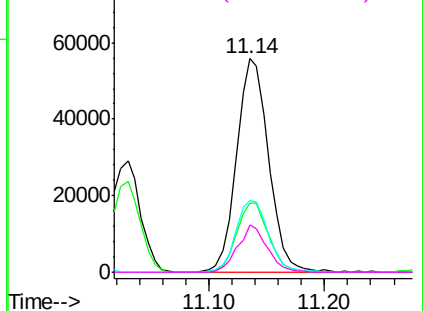
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	27.0	40.4
65	33.5	28.8	43.2
92	22.2	16.6	25.0

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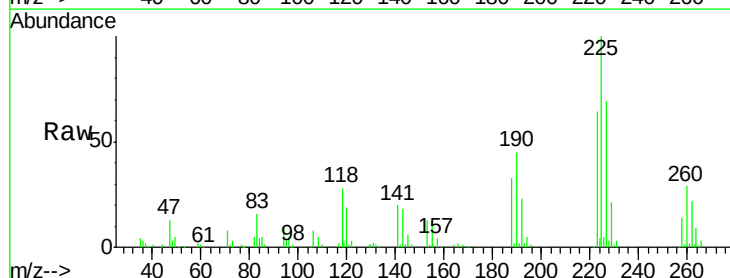


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

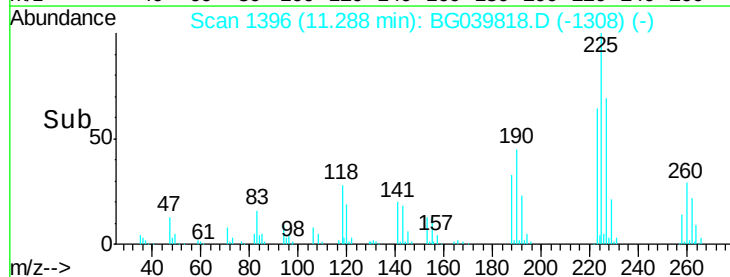
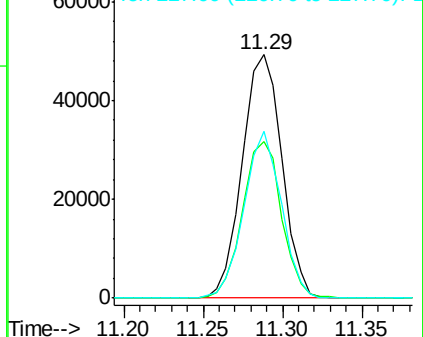


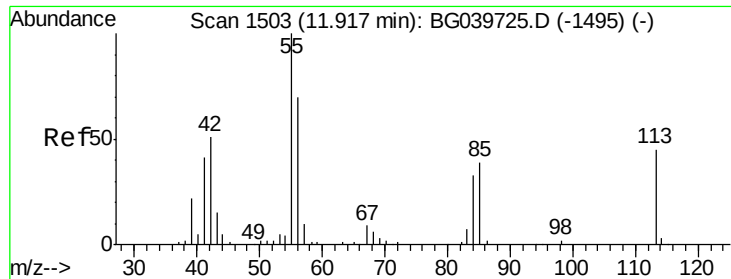
#34
Hexachlorobutadiene
Concen: 36.782 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.1	49.0	73.6
227	68.6	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





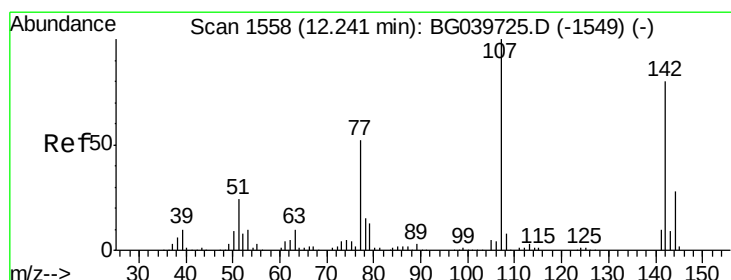
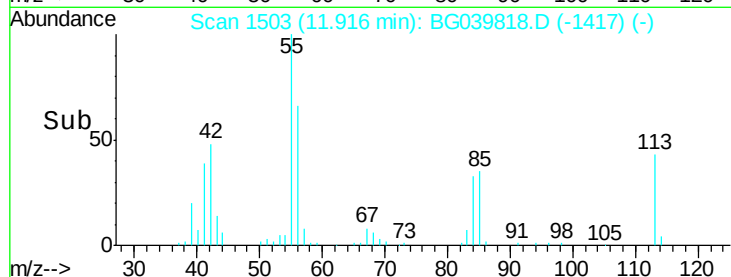
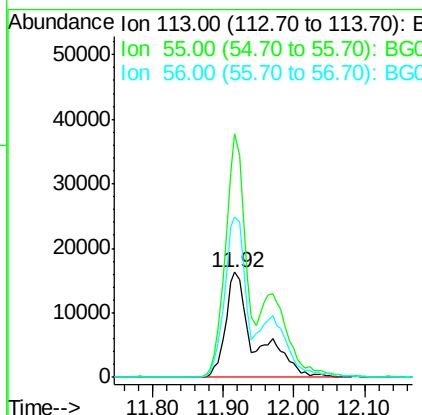
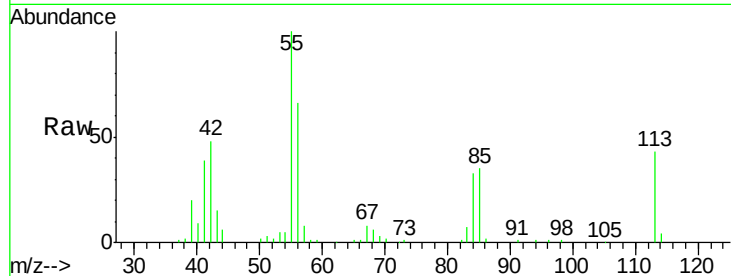
#35
 Caprolactam
 Concen: 41.173 ng m
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.03 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion:113 Resp: 47691
 Ion Ratio Lower Upper
 113 100
 55 231.9 216.9 256.9
 56 153.3 152.6 192.6

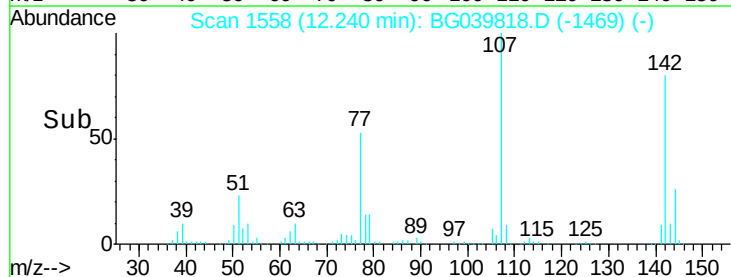
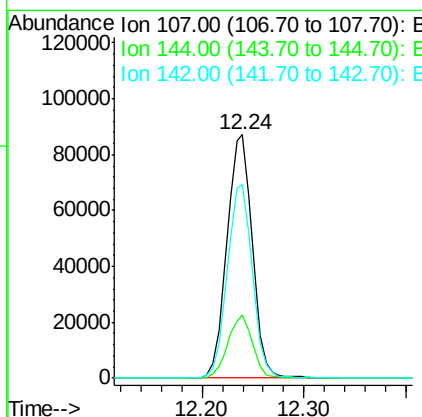
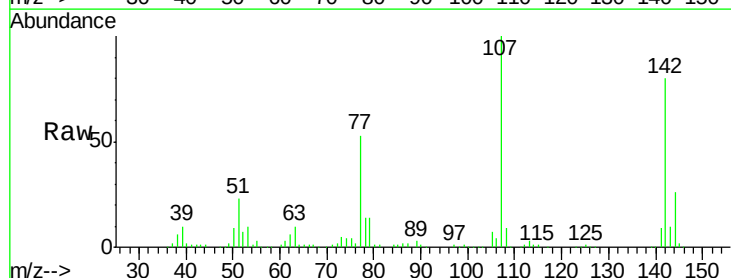
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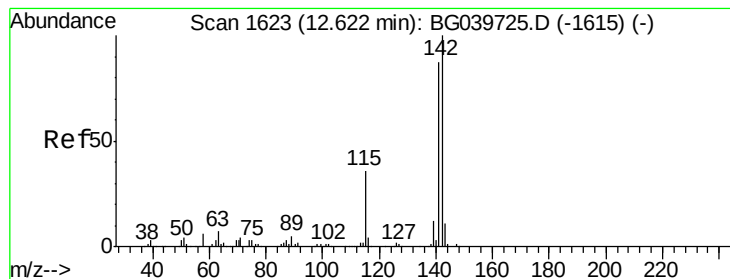
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#36
 4-Chloro-3-methylphenol
 Concen: 43.466 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:107 Resp: 151085
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 79.7 61.4 92.2





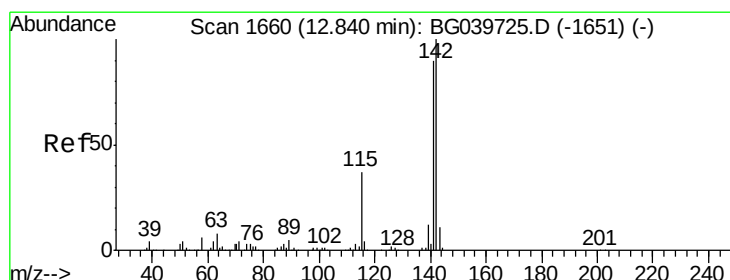
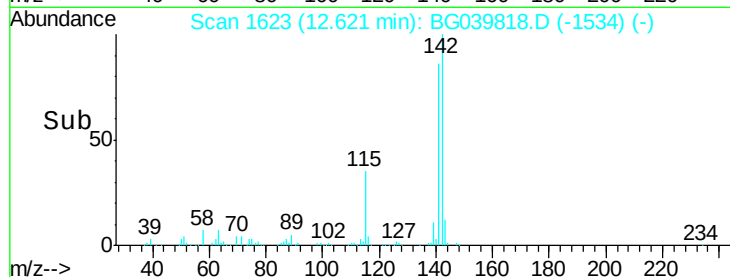
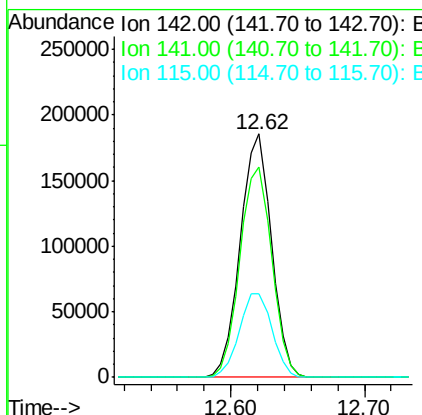
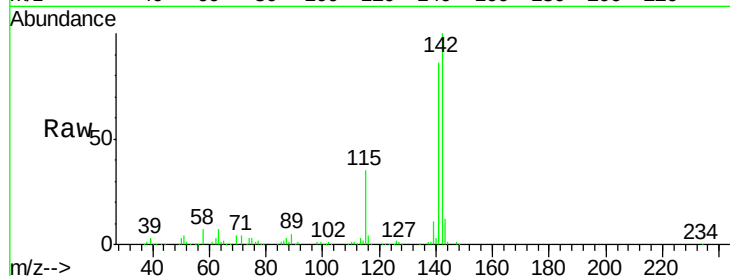
#37
2-Methylnaphthalene
Concen: 40.913 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	73.5	110.3
115	34.5	30.8	46.2

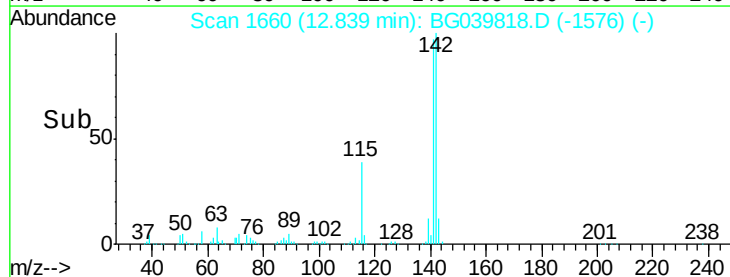
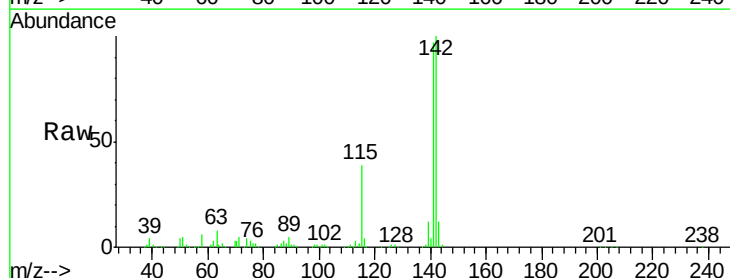
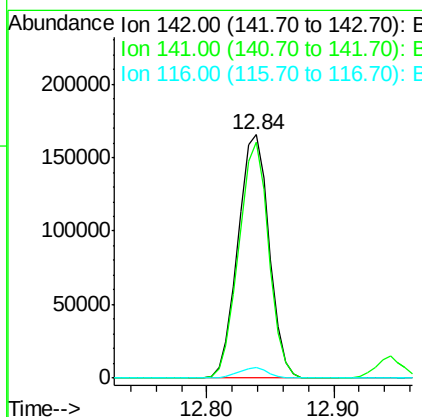
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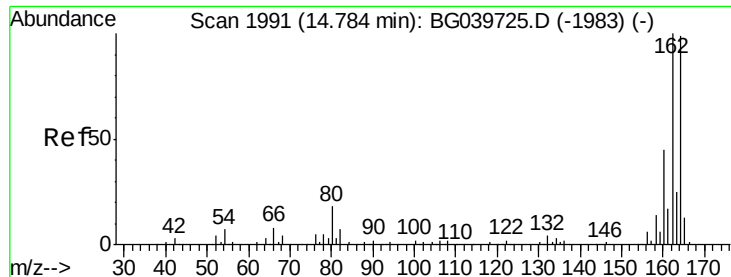
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#38
1-Methylnaphthalene
Concen: 39.613 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB117728BS

Tgt Ion:164 Resp: 130727

Ion Ratio Lower Upper

164 100

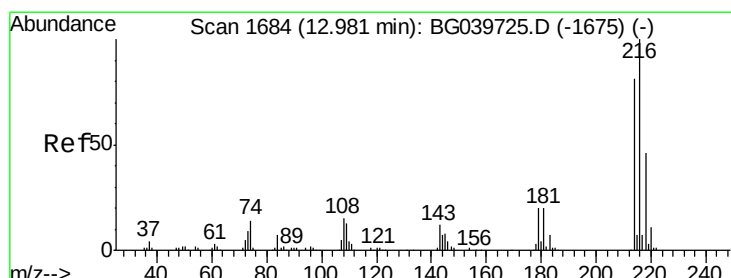
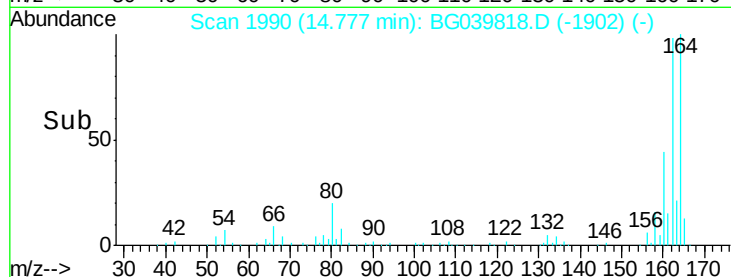
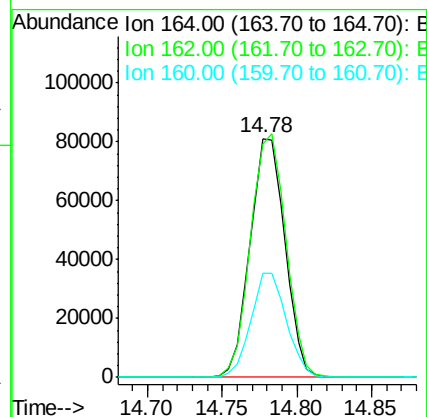
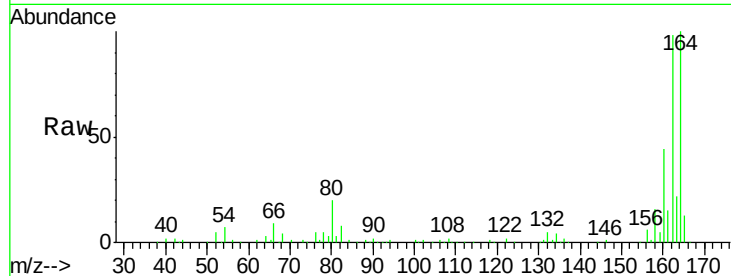
162 98.0 81.6 122.4

160 43.5 34.2 51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.358 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:216 Resp: 165448

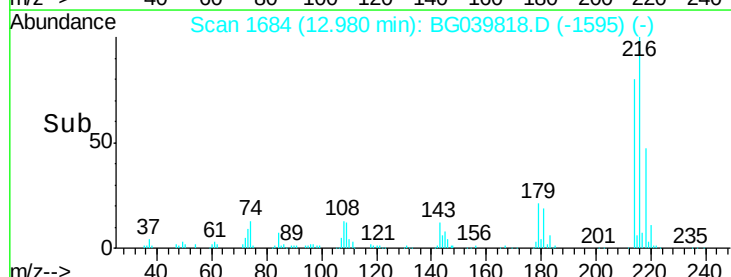
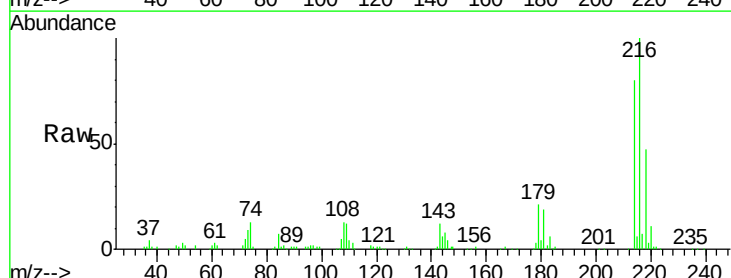
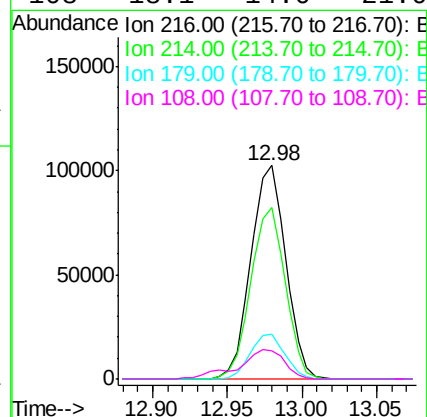
Ion Ratio Lower Upper

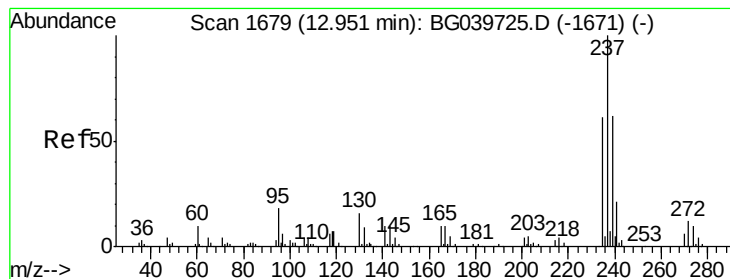
216 100

214 79.2 62.6 94.0

179 20.9 16.6 25.0

108 18.1 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 82.057 ng

RT: 12.94 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

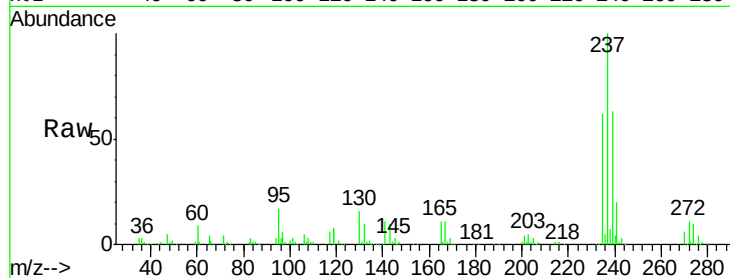
ClientSampleId :

PB117728BS

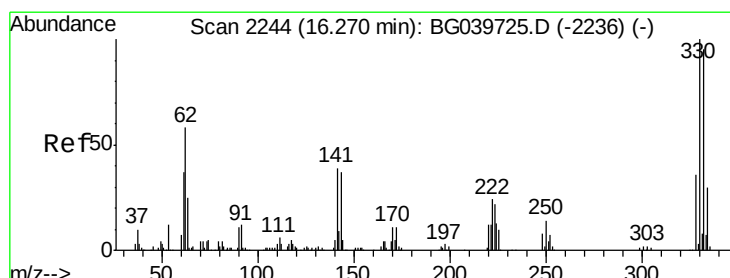
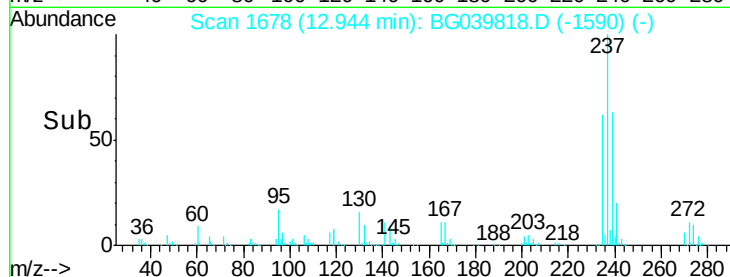
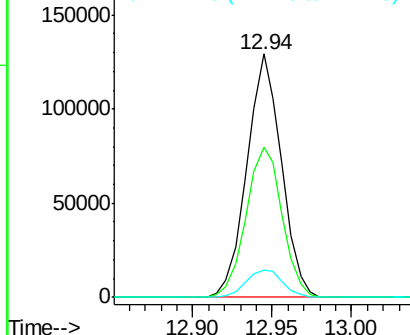
Tgt Ion:	237	Resp:	194752
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	11.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 134.686 ng

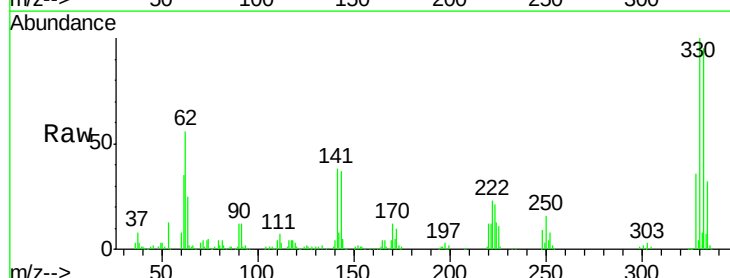
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

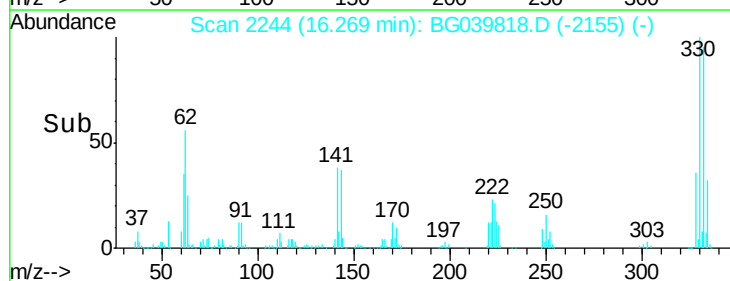
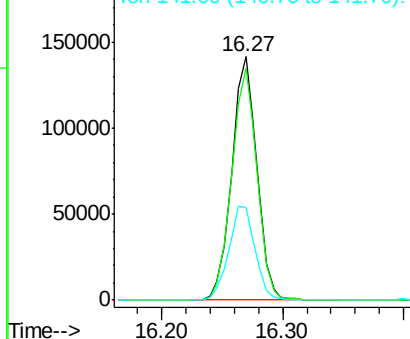
Lab File: BG039818.D

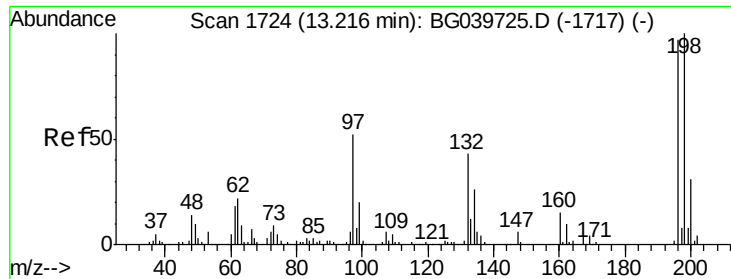
Acq: 8 Mar 2019 13:02

Tgt Ion:	330	Resp:	205223
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	40.2	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





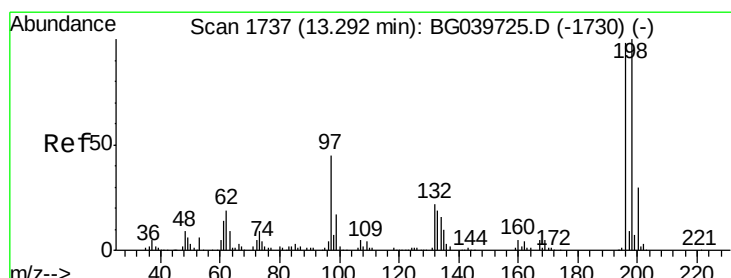
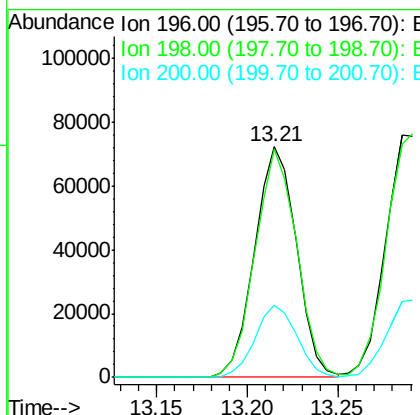
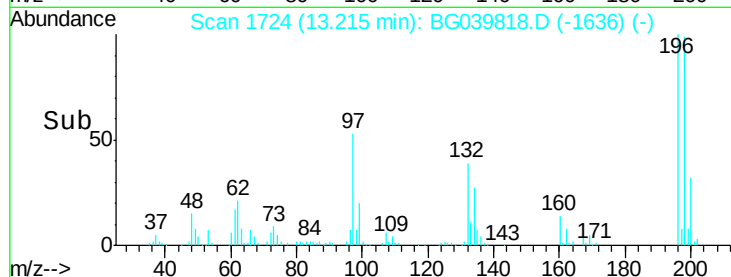
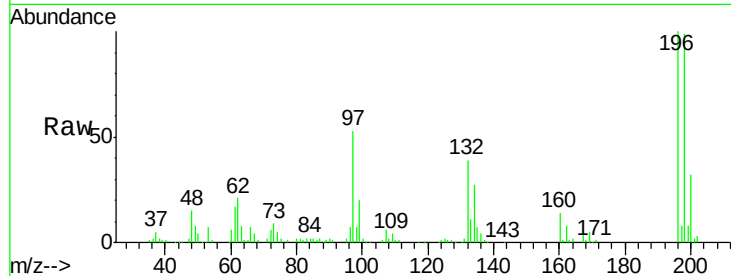
#43
 2,4,6-Trichlorophenol
 Concen: 44.801 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116161		
198	99.2	80.6	121.0	
200	31.5	26.1	39.1	

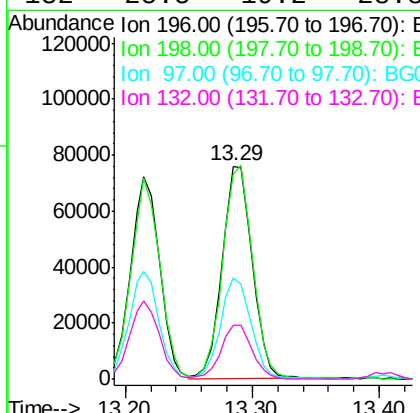
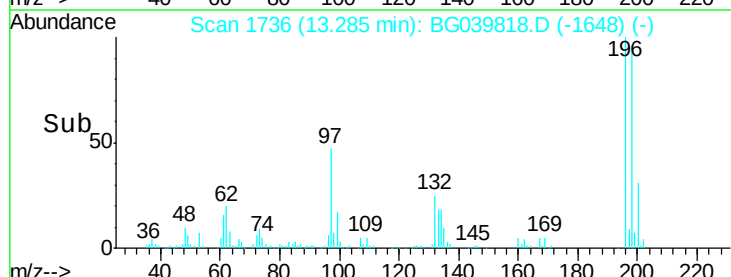
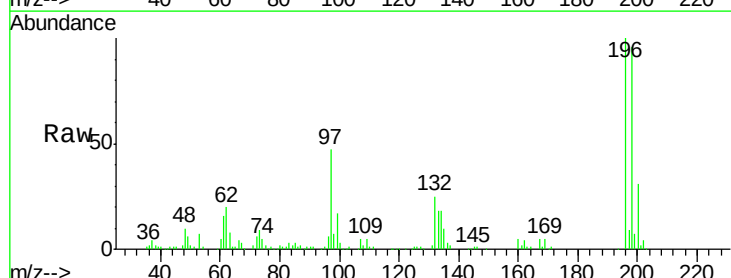
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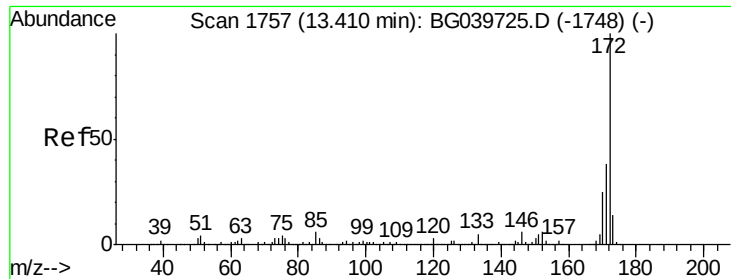
Sohil
 3/11/2019 9:42:24 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.713 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124830		
198	96.1	78.5	117.7	
97	47.5	38.4	57.6	
132	25.5	19.2	28.8	





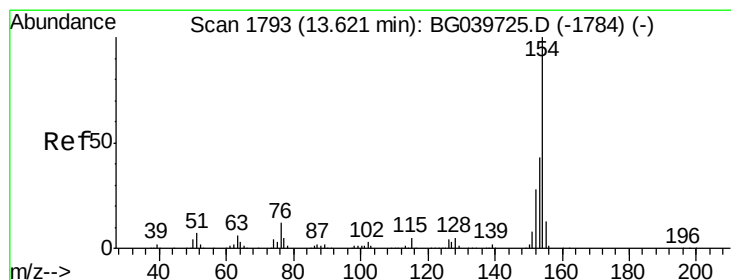
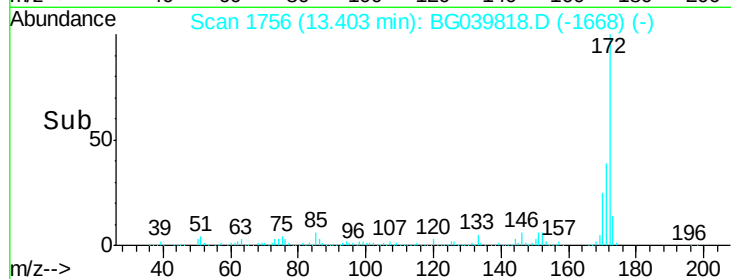
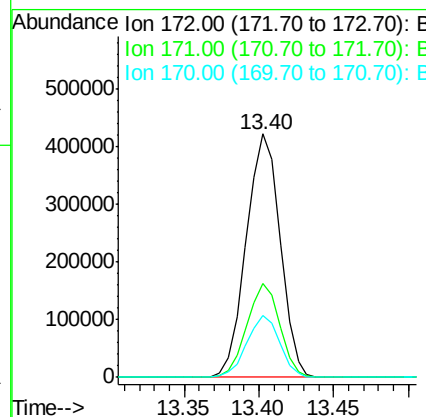
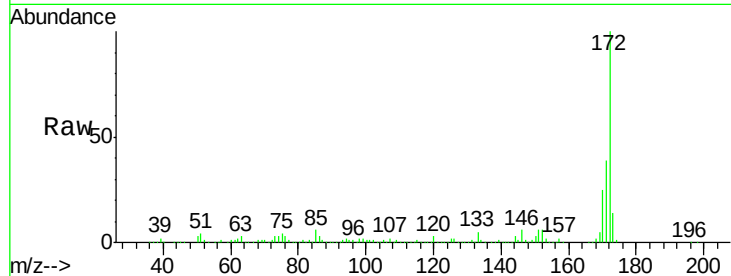
#45
2-Fluorobiphenyl
Concen: 71.995 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	661011		
171	38.6	30.8	46.2	
170	25.3	20.2	30.4	

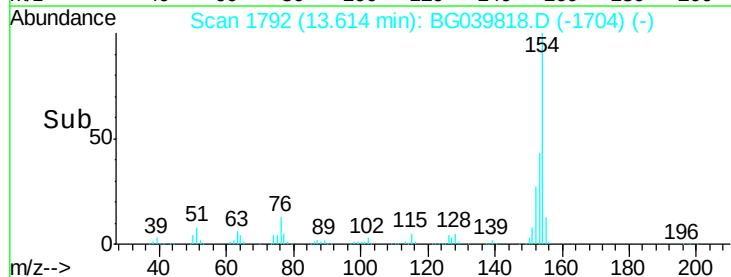
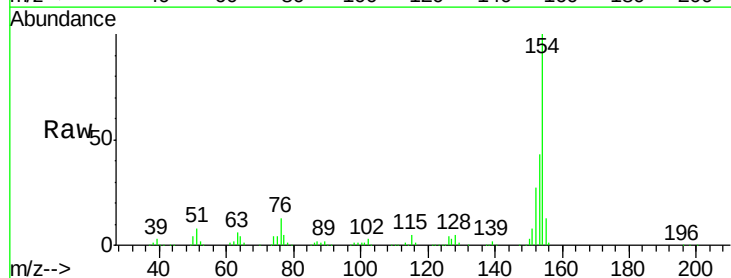
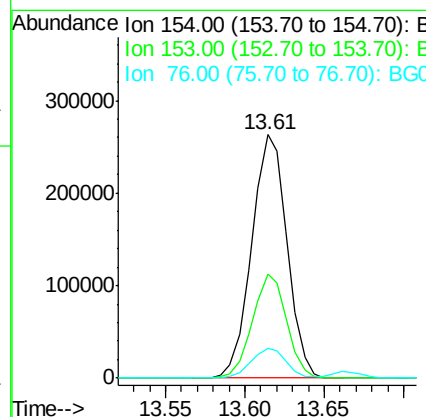
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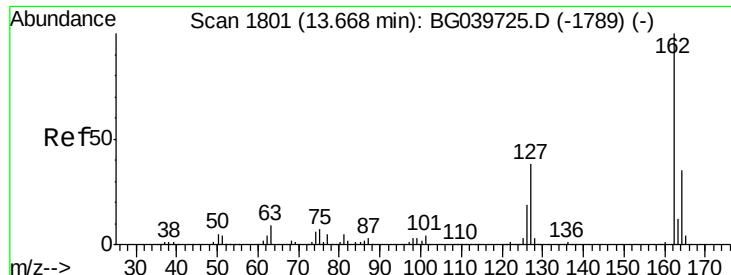
Sohil
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#46
1,1'-Biphenyl
Concen: 37.806 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	406500		
153	42.6	22.1	62.1	
76	12.5	0.0	32.4	





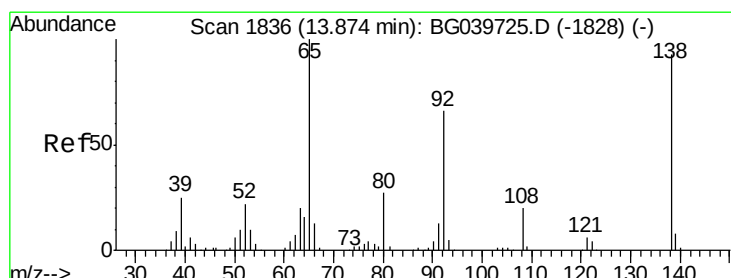
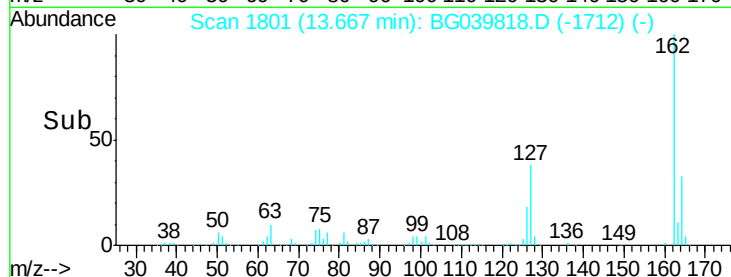
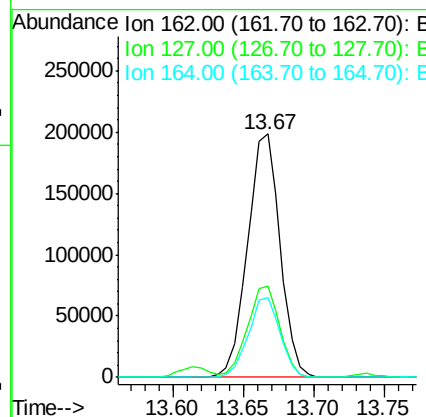
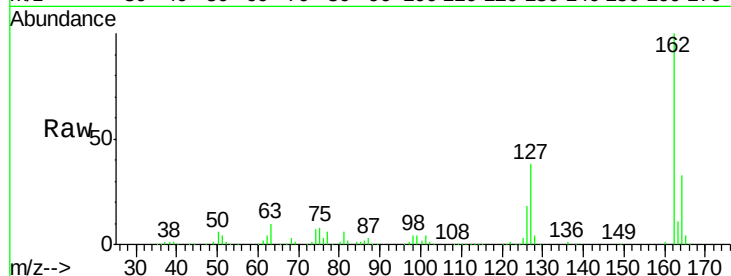
#47
 2-Chloronaphthalene
 Concen: 39.514 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	37.5	31.0	46.6
164	32.6	25.7	38.5

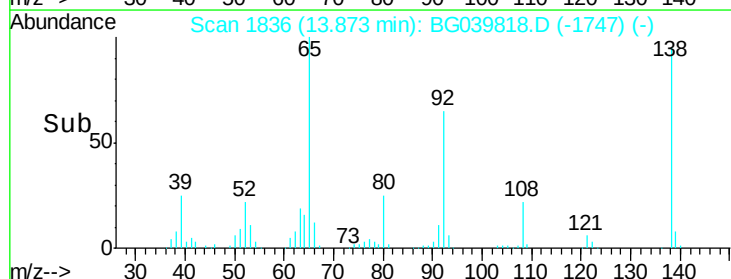
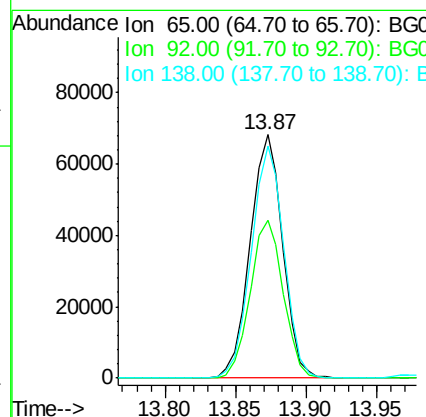
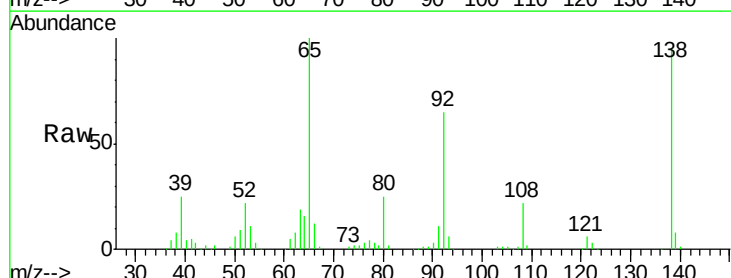
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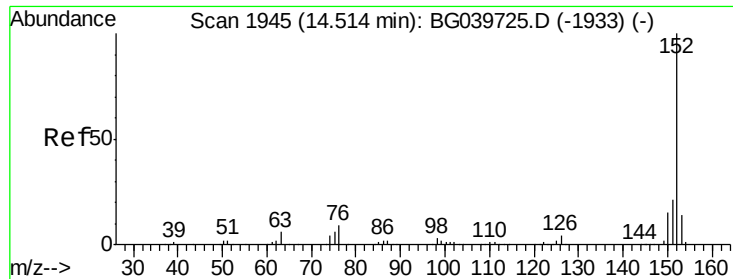
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#48
 2-Nitroaniline
 Concen: 42.394 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	64.8	51.4	77.2
138	95.4	71.4	107.2





#49

Acenaphthylene

Concen: 38.006 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039818.D

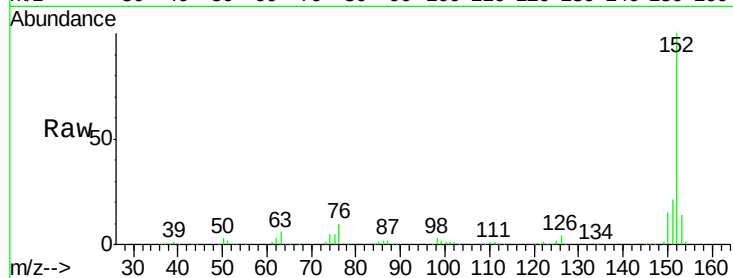
Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

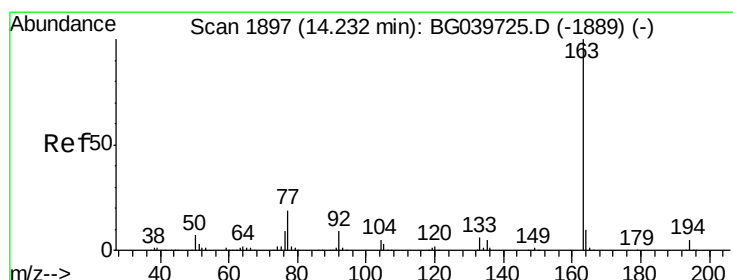
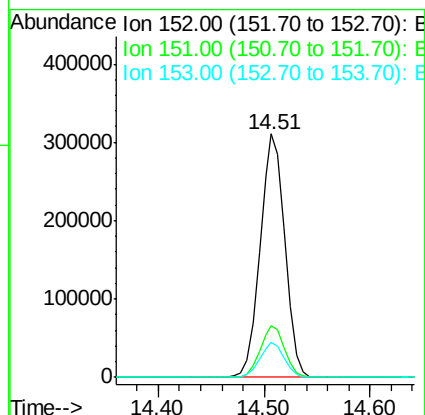
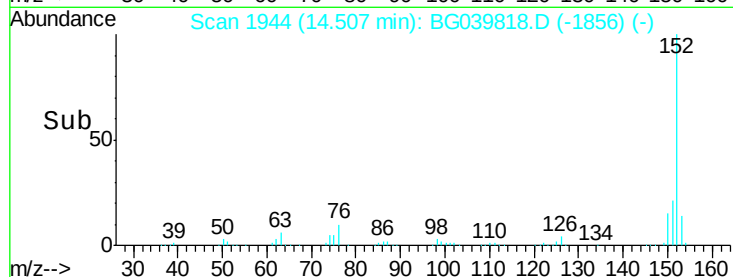
PB117728BS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	14.3	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.671 ng

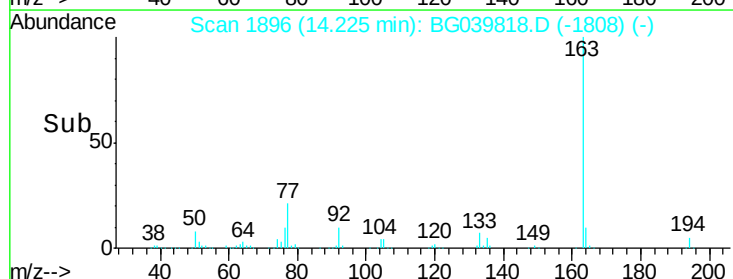
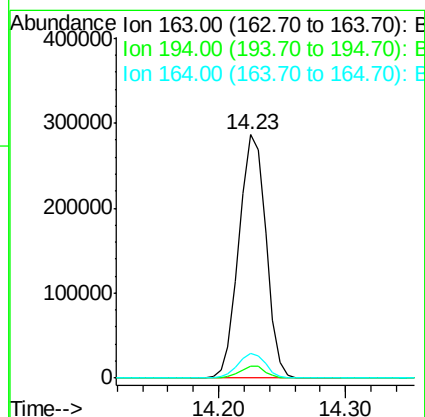
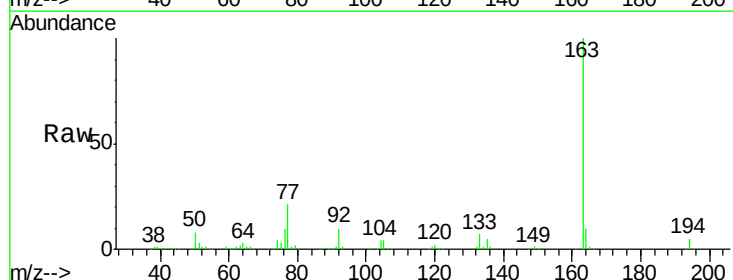
RT: 14.23 min Scan# 1896

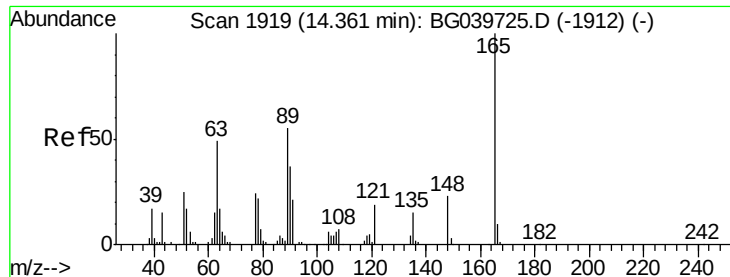
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	10.1	8.4	12.6





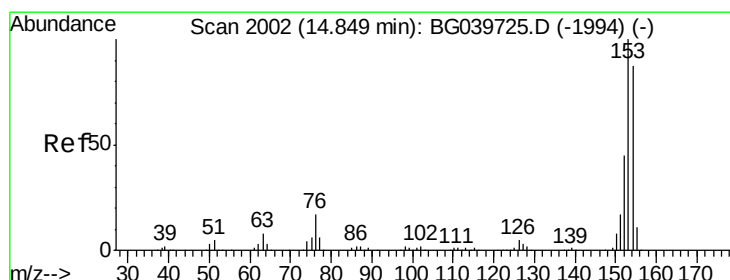
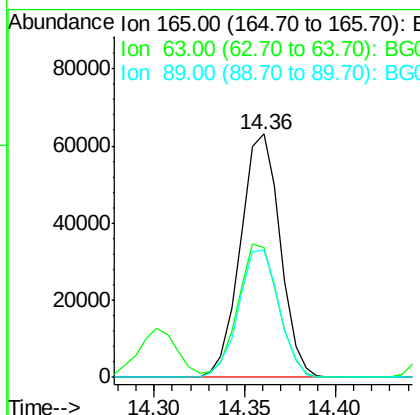
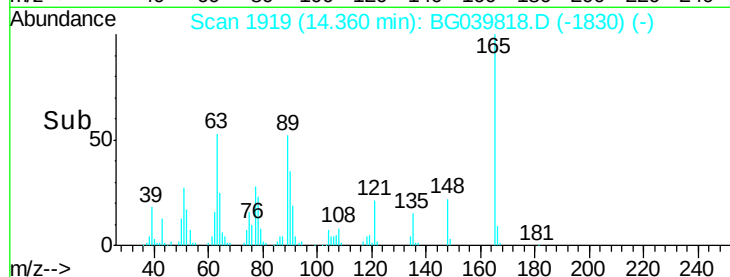
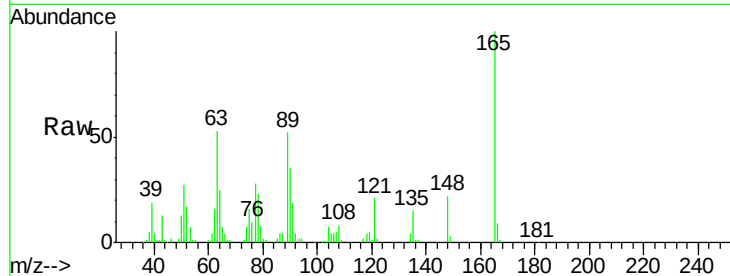
#51
 2,6-Dinitrotoluene
 Concen: 41.364 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	95855		
63	53.4		47.0	70.6
89	52.0		45.8	68.8

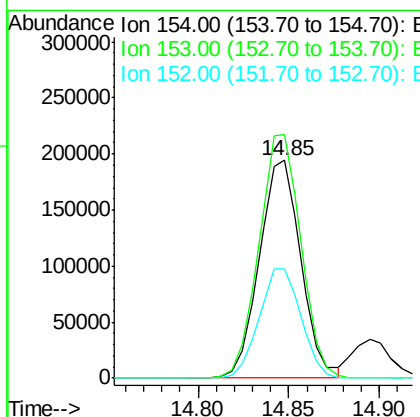
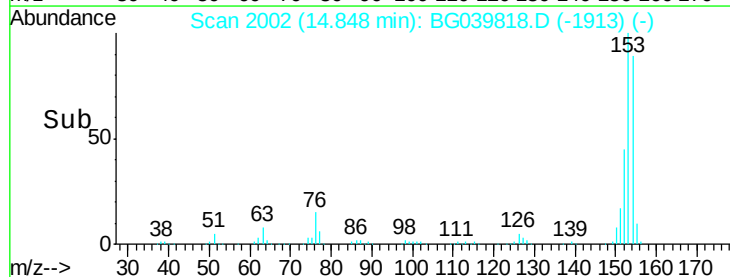
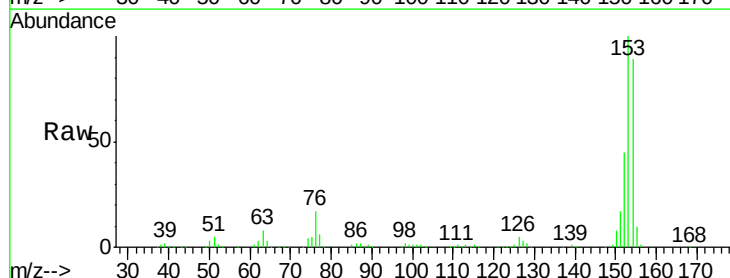
Manual Integrations
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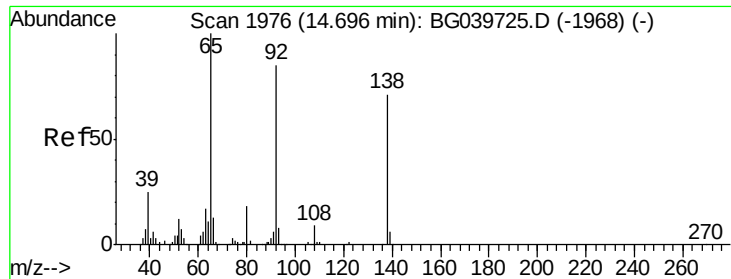
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#52
 Acenaphthene
 Concen: 38.859 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	310559		
153	112.0		90.1	135.1
152	50.1		40.9	61.3





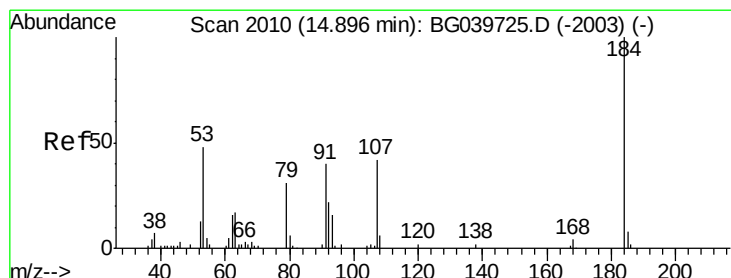
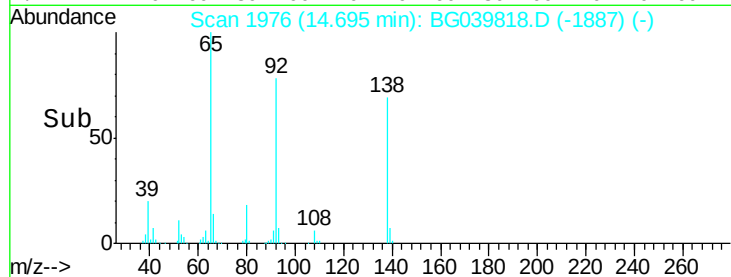
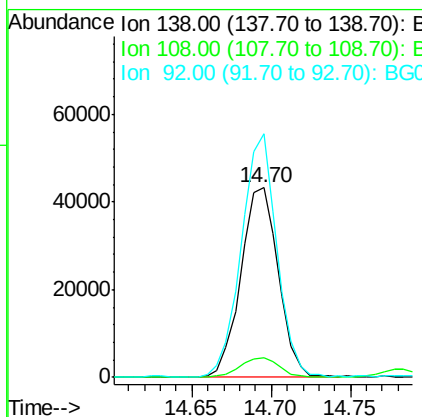
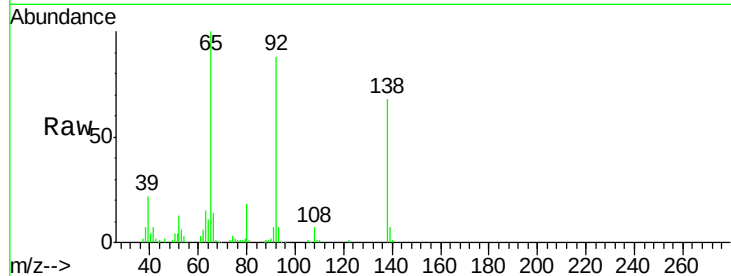
#53
 3-Nitroaniline
 Concen: 30.544 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion:138 Resp: 71150
 Ion Ratio Lower Upper
 138 100
 108 10.2 13.8 20.8#
 92 128.3 103.7 155.5

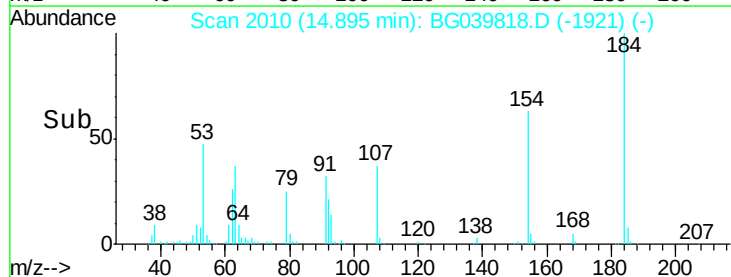
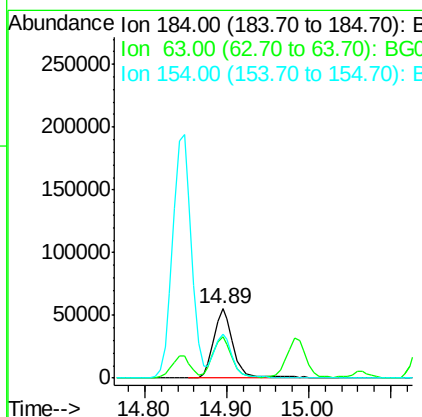
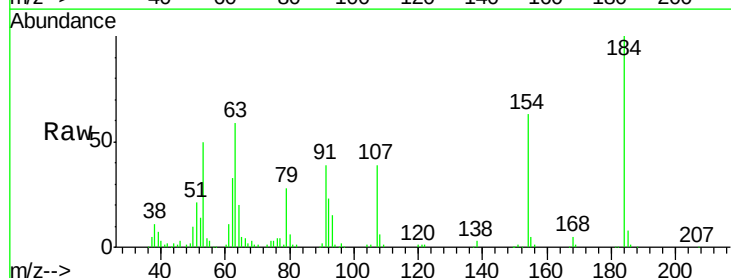
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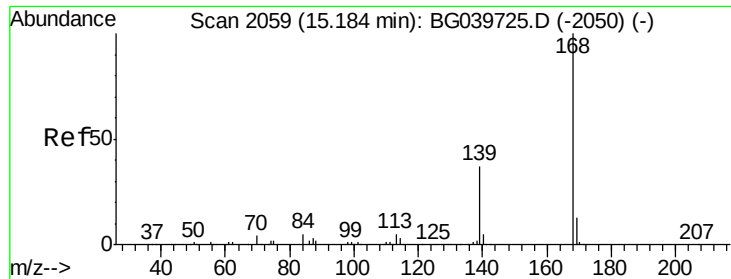
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#54
 2,4-Dinitrophenol
 Concen: 64.690 ng
 RT: 14.89 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion:184 Resp: 92966
 Ion Ratio Lower Upper
 184 100
 63 59.3 50.9 76.3
 154 63.0 53.0 79.6





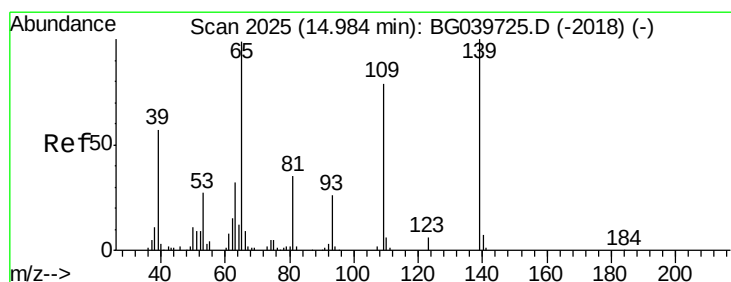
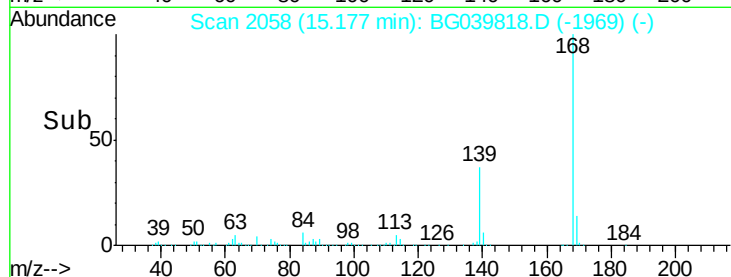
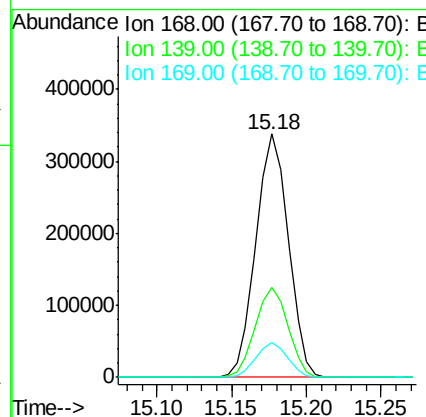
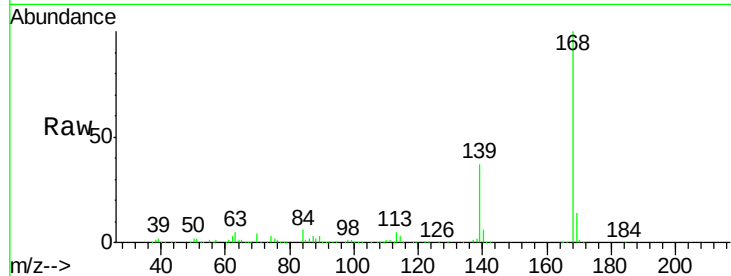
#55
Dibenzenofuran
Concen: 38.738 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.1	10.6	16.0

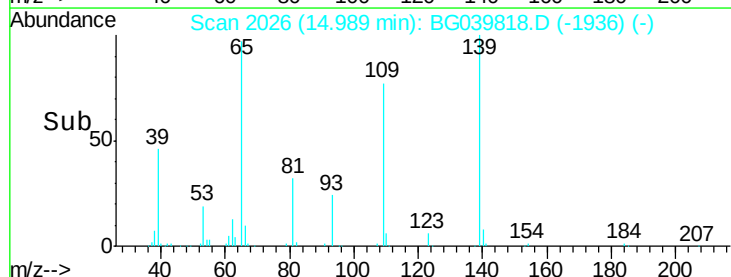
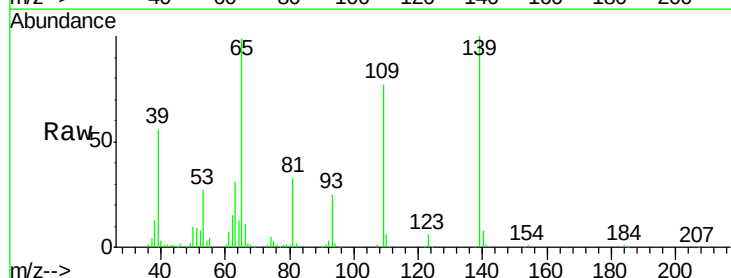
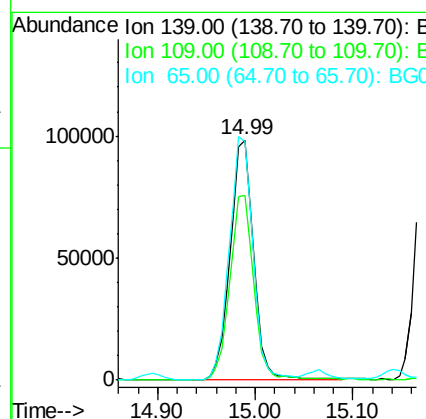
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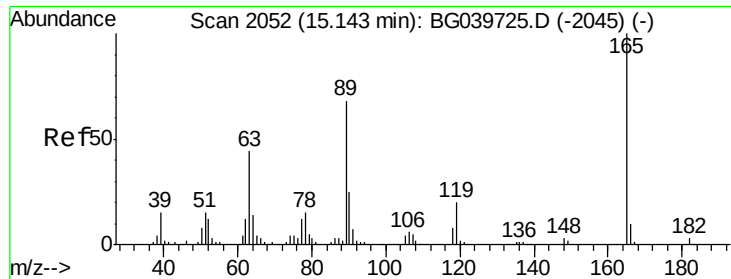
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#56
4-Nitrophenol
Concen: 79.063 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	61.9	101.9
65	99.2	99.1	139.1





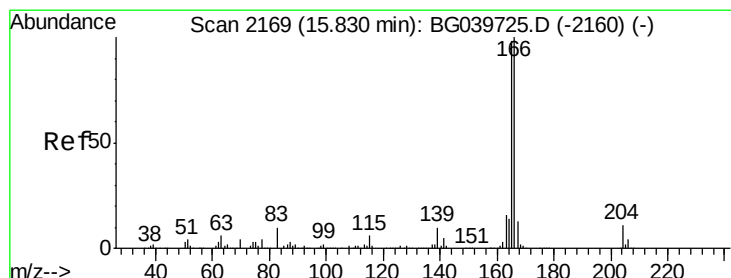
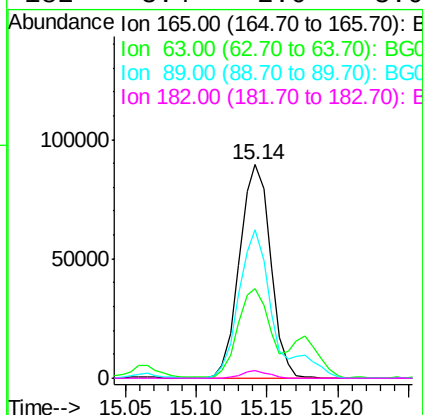
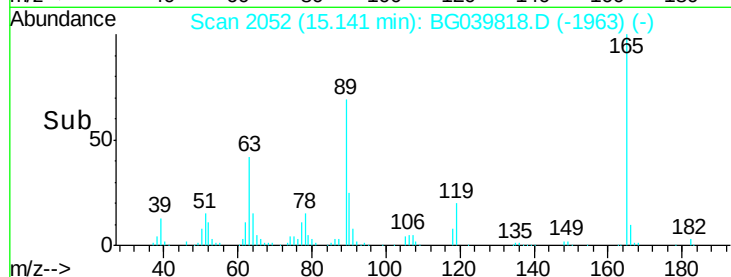
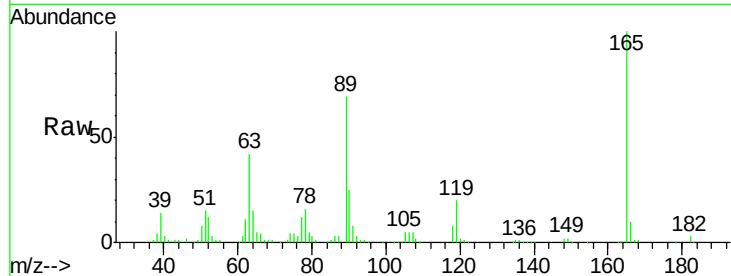
#57
2,4-Dinitrotoluene
Concen: 42.338 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampled :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137861		
63	42.1	41.0	61.6	
89	69.3	64.6	96.8	
182	3.4	2.0	3.0#	

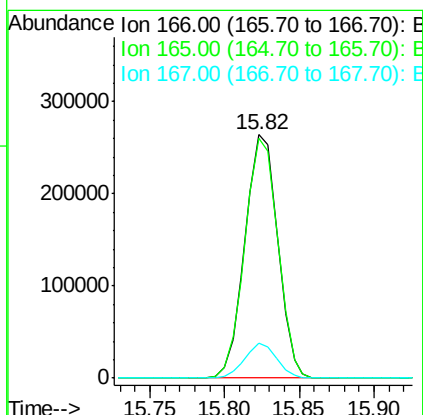
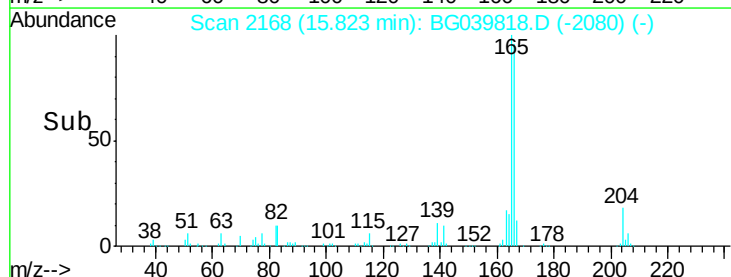
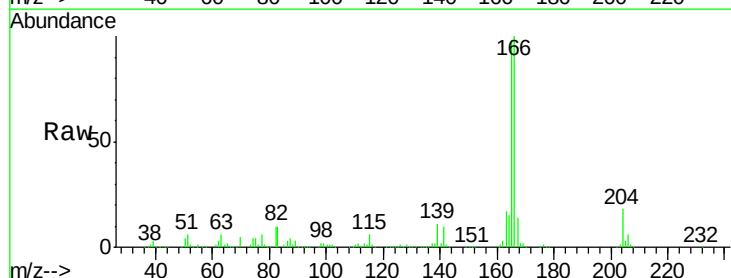
Manual Integrations
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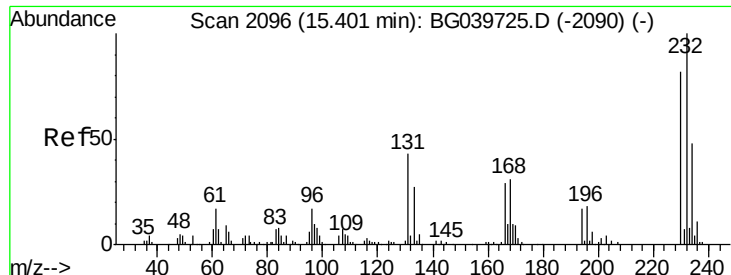
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#58
Fluorene
Concen: 39.019 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	402216		
165	98.4	77.9	116.9	
167	14.2	10.8	16.2	





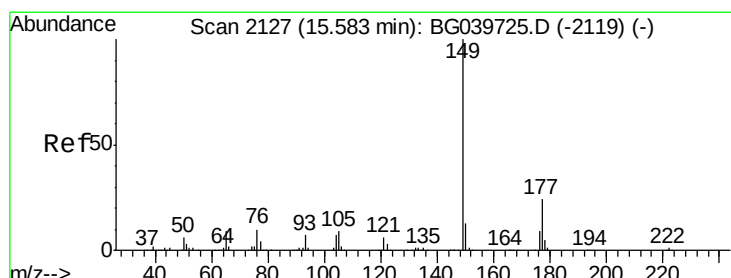
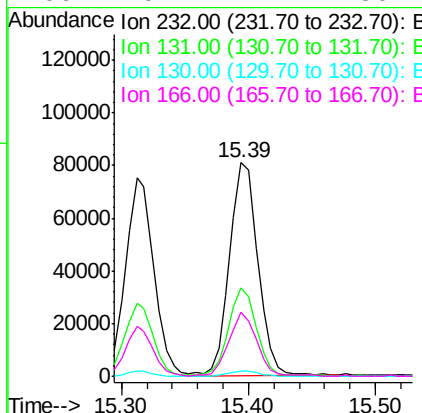
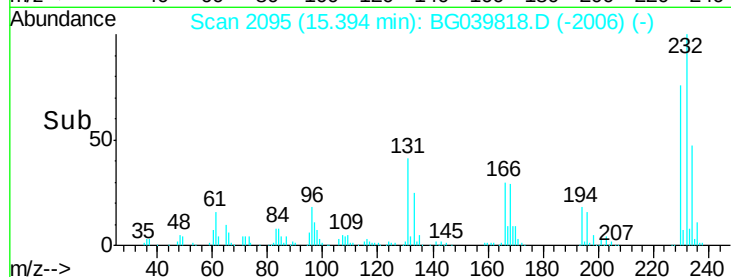
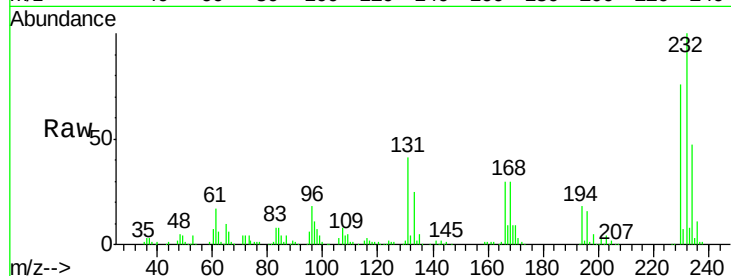
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.959 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	125469		
131	39.9	34.9	52.3	
130	2.4	2.0	3.0	
166	29.7	24.1	36.1	

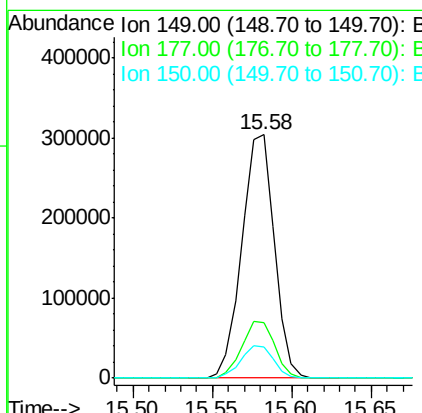
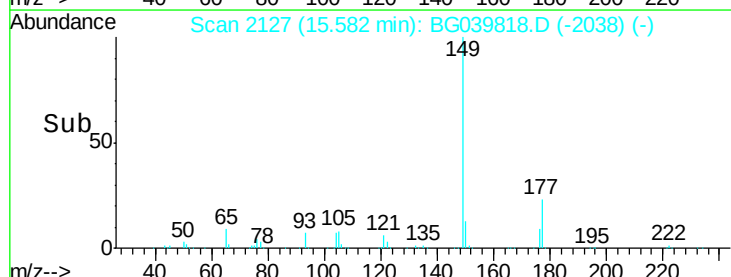
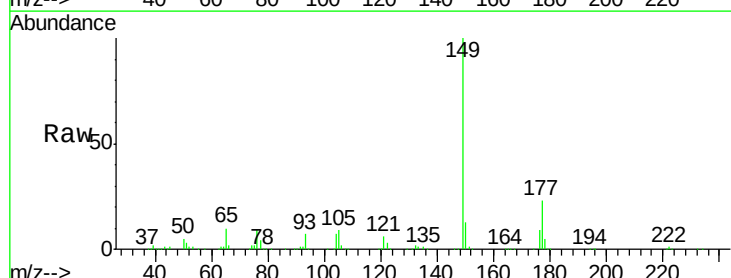
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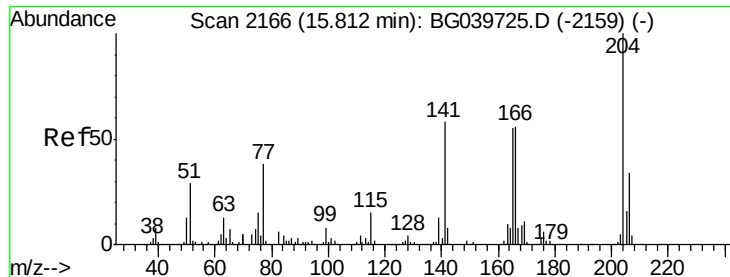
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#60
 Diethylphthalate
 Concen: 39.930 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432086		
177	22.9	18.3	27.5	
150	12.7	10.2	15.2	





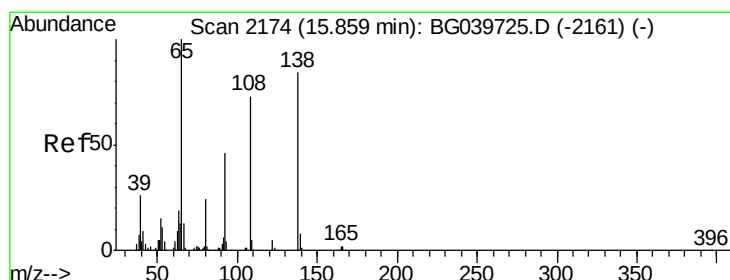
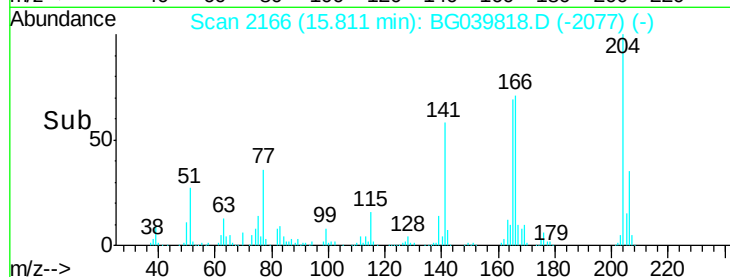
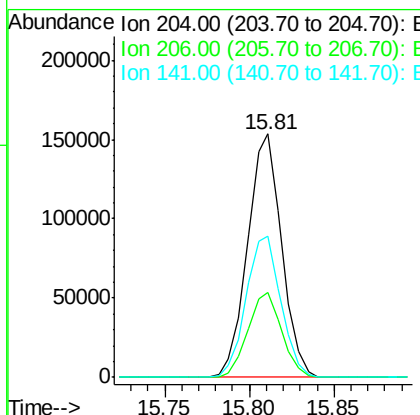
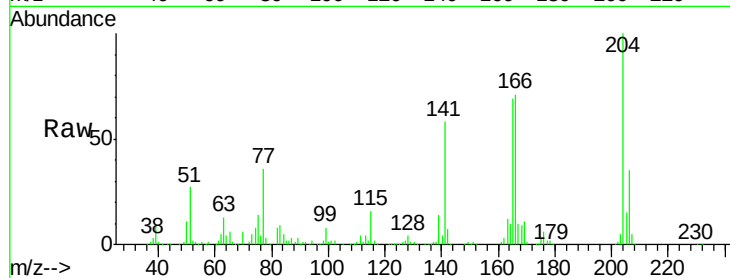
#61
4-Chlorophenyl-phenylether
Concen: 39.014 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	58.1	49.0	73.4

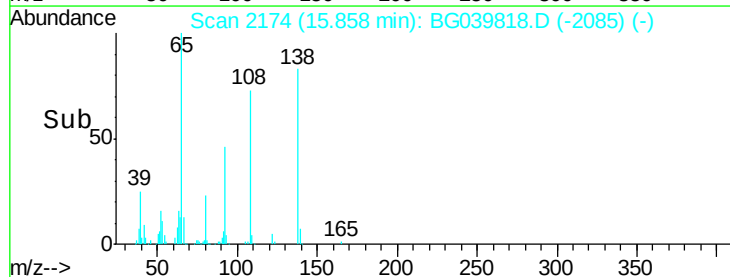
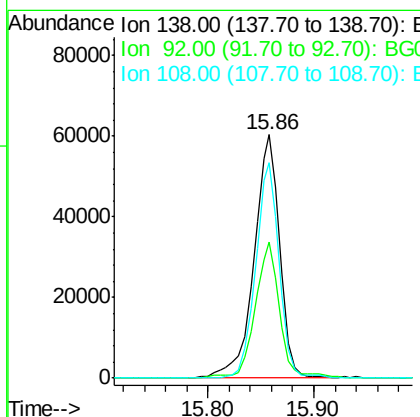
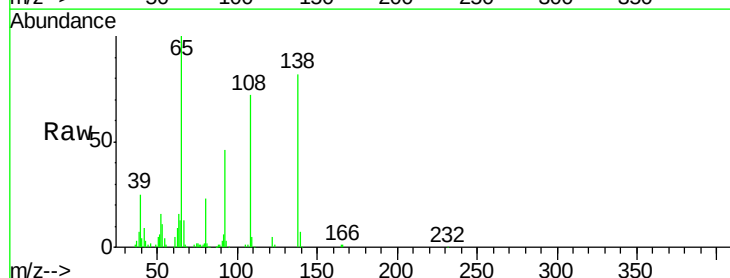
Manual Integrations
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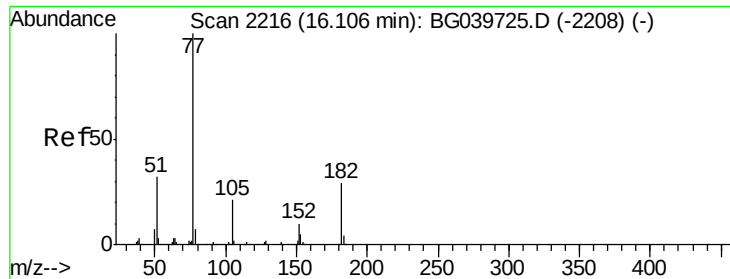
Sohil
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#62
4-Nitroaniline
Concen: 40.601 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	88.3	74.6	114.6





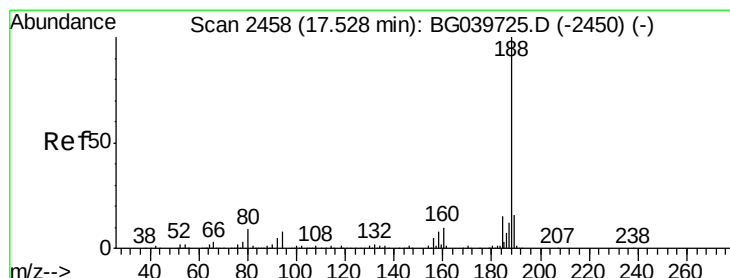
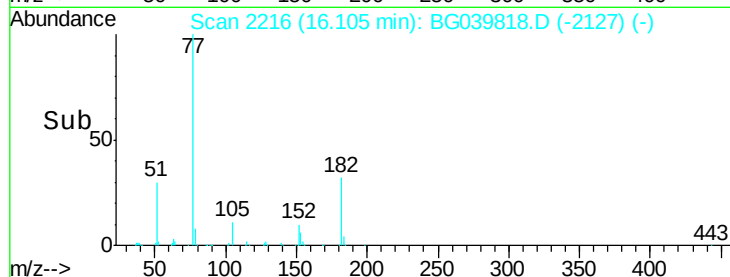
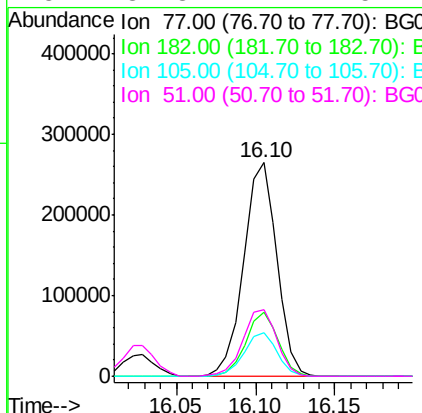
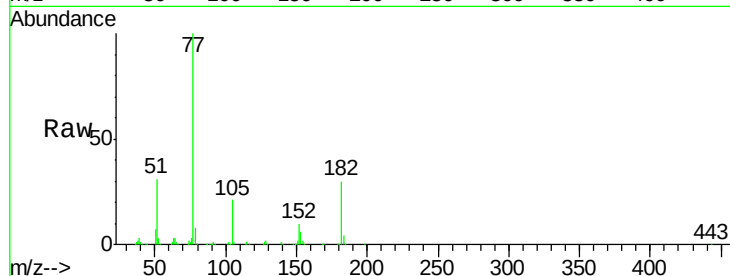
#63
Azobenzene
Concen: 39.156 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	30.1	6.4	46.4
105	20.6	0.0	39.8
51	31.3	14.1	54.1

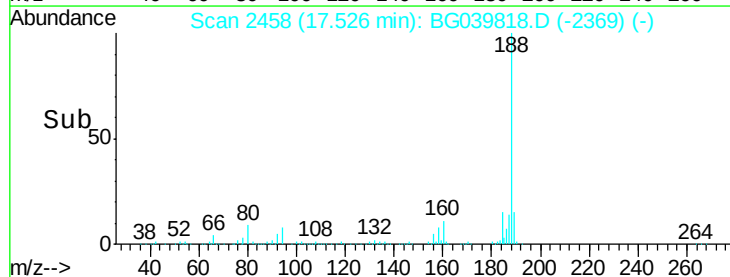
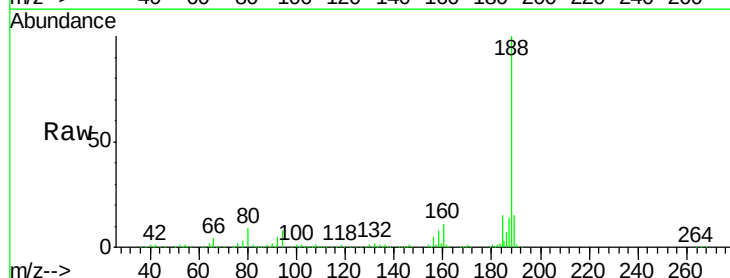
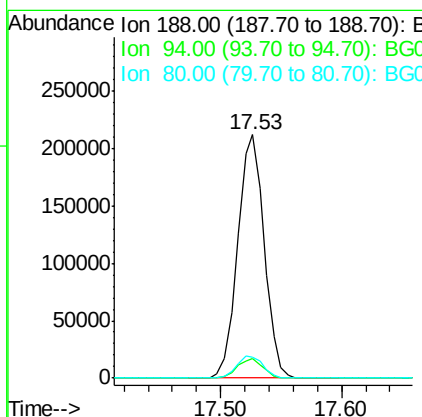
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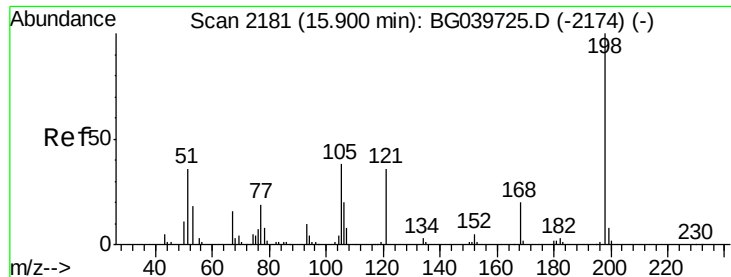
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	6.9	10.3
80	8.8	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.761 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

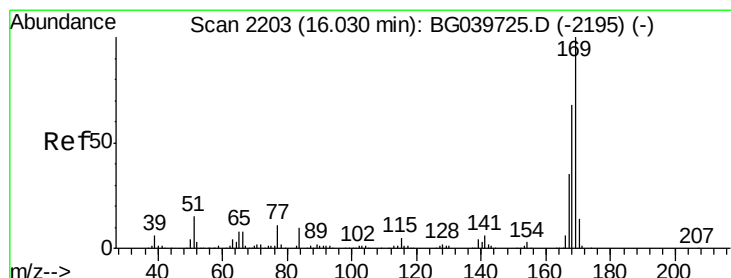
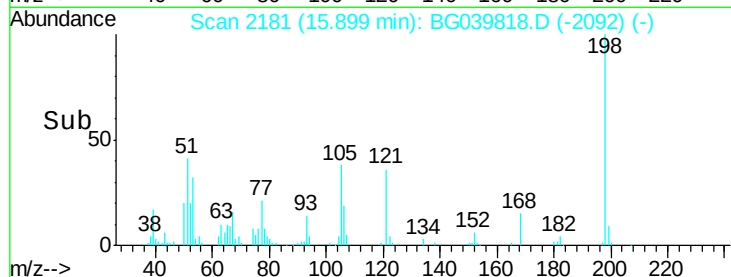
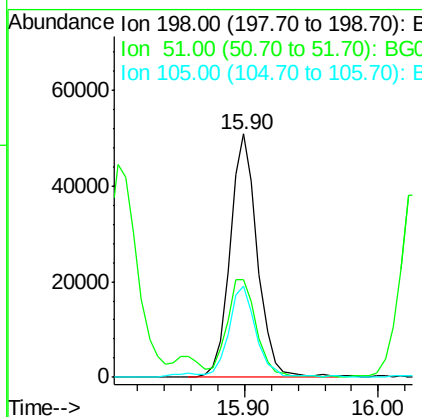
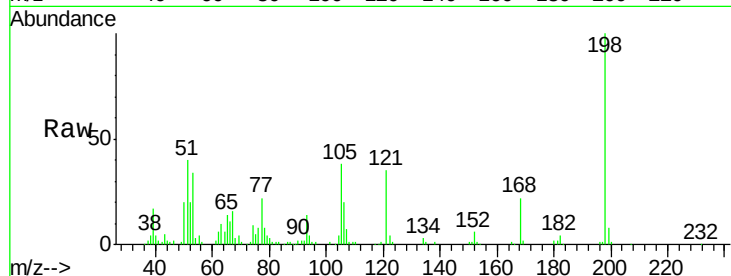
ClientSampleId :

PB117728BS

Tgt Ion:	198	Resp:	72345
Ion Ratio	Lower	Upper	
198	100		
51	39.9	27.4	67.4
105	37.6	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.978 ng

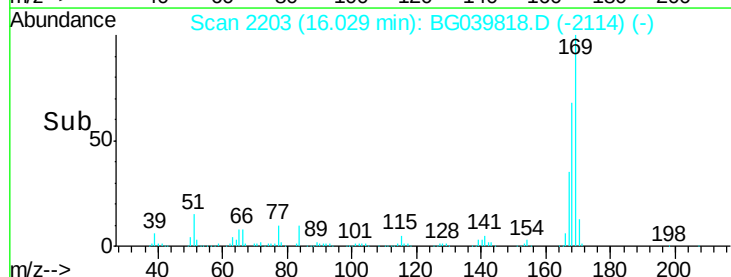
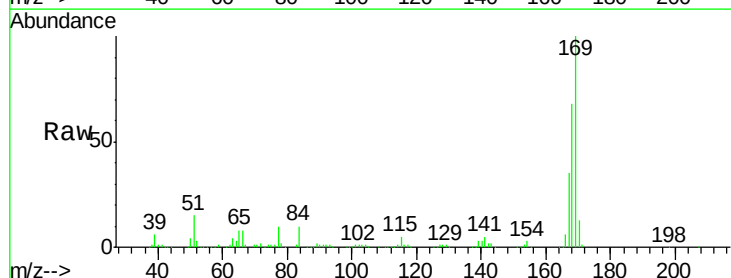
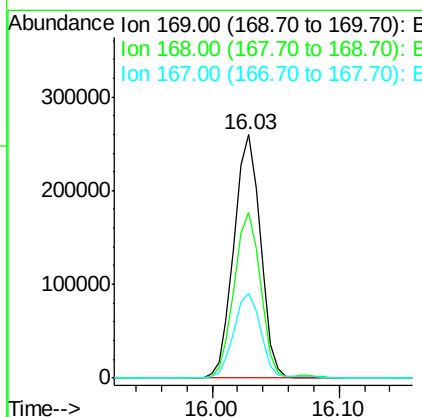
RT: 16.03 min Scan# 2203

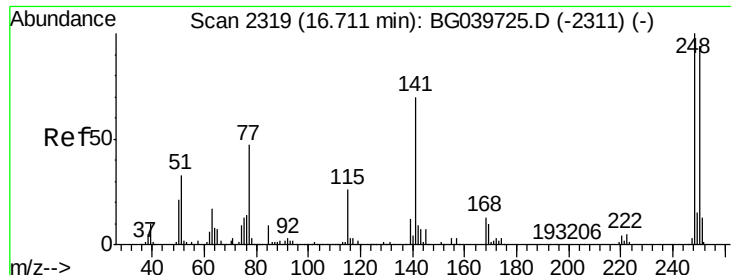
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	169	Resp:	375022
Ion Ratio	Lower	Upper	
169	100		
168	68.2	56.6	85.0
167	34.8	28.8	43.2





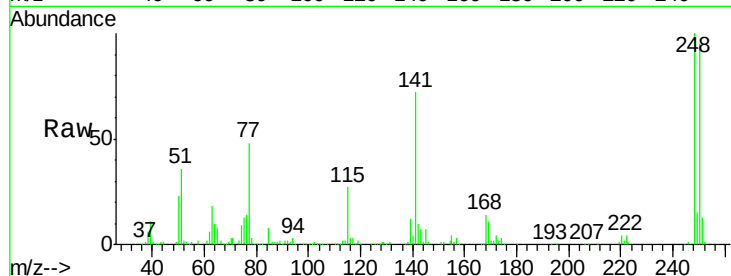
#67
 4-Bromophenyl-phenylether
 Concen: 38.883 ng
 RT: 16.70 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :
 PB117728BS

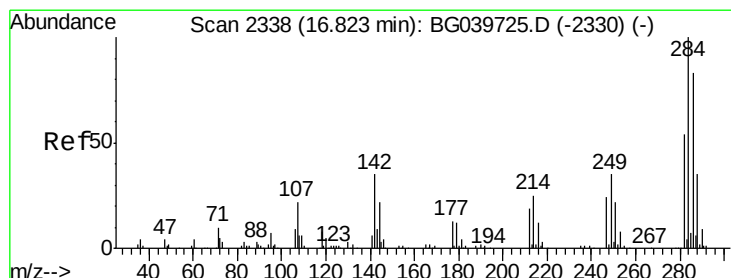
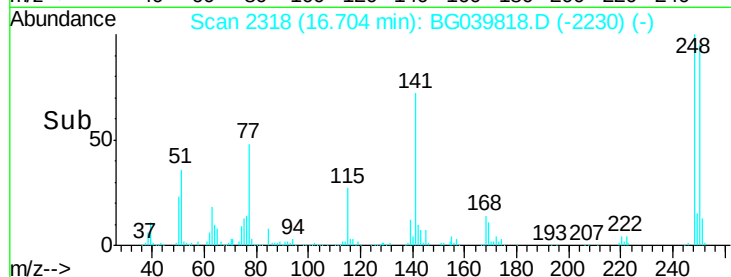
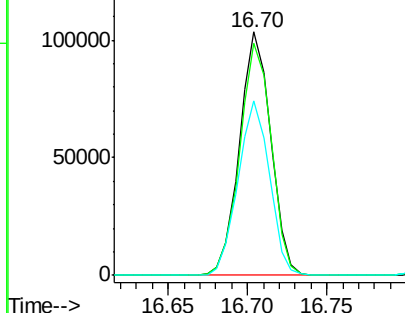
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	77.6	116.4
141	71.6	63.9	95.9

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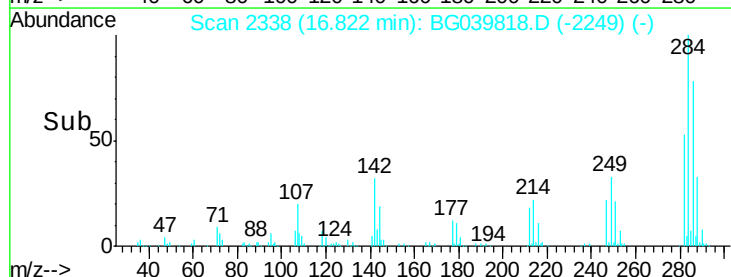
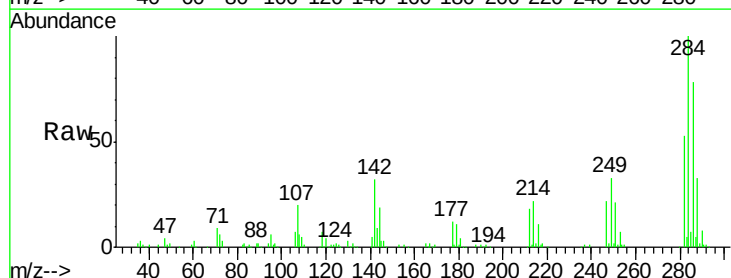
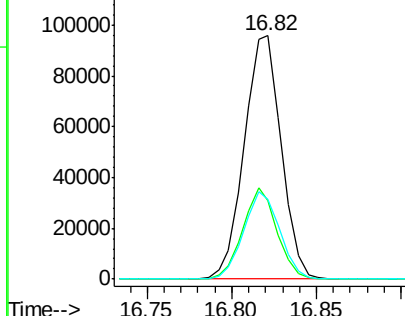
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

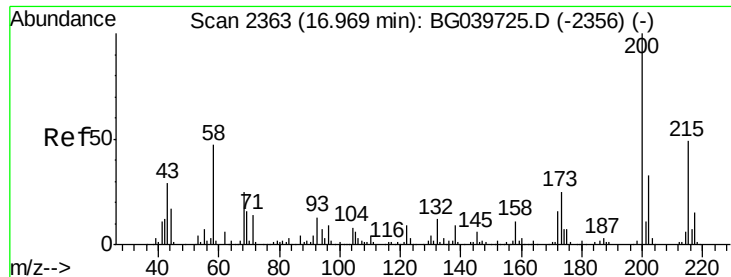


#68
 Hexachlorobenzene
 Concen: 38.731 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	30.6	45.8
249	32.7	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





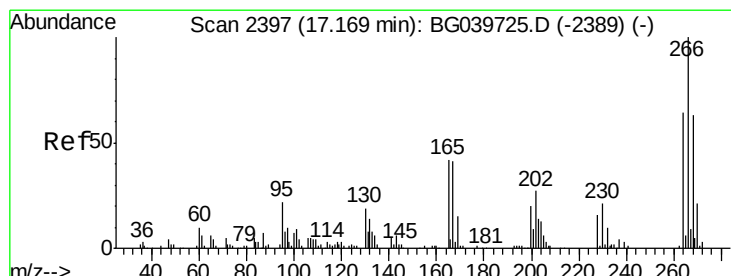
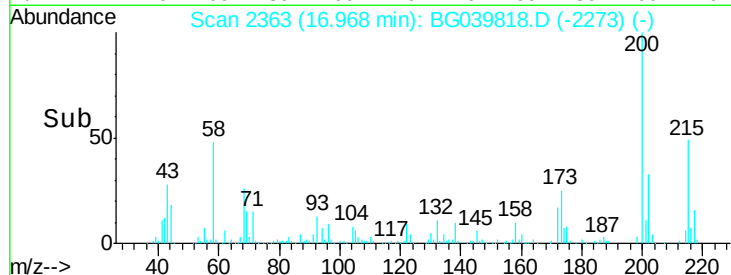
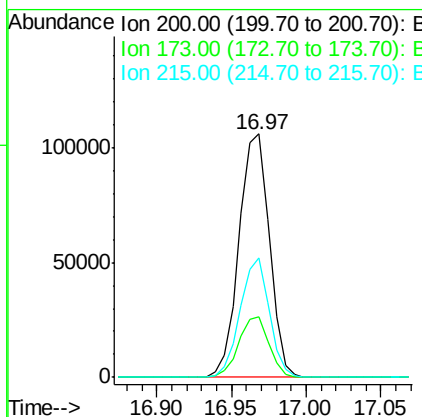
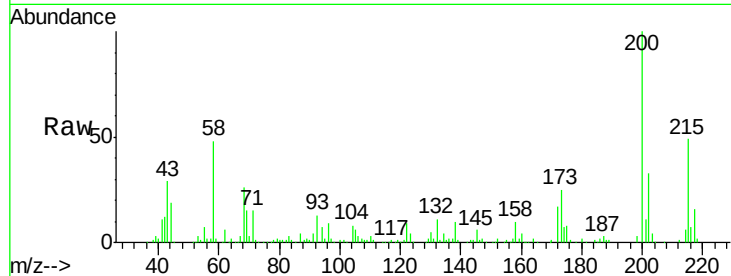
#69
 Atrazine
 Concen: 40.715 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	3.9	43.9
215	49.1	30.9	70.9

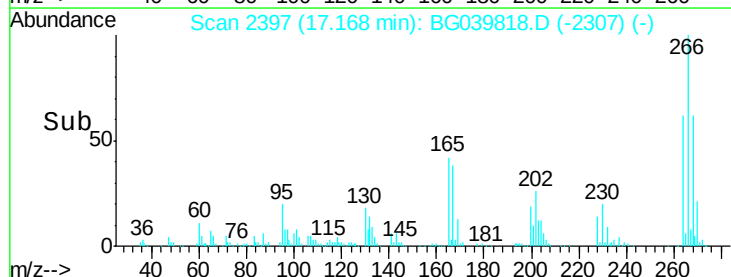
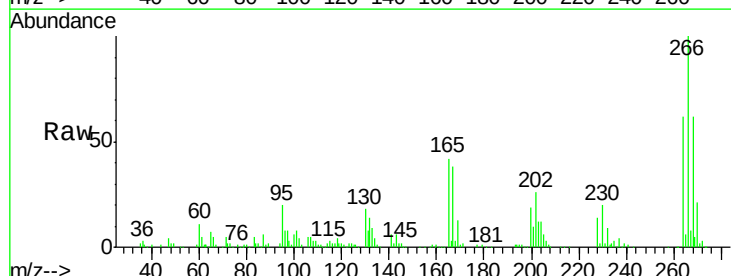
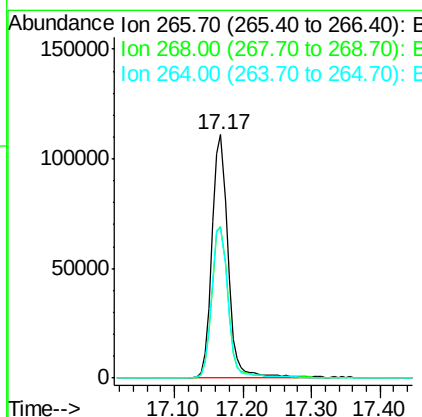
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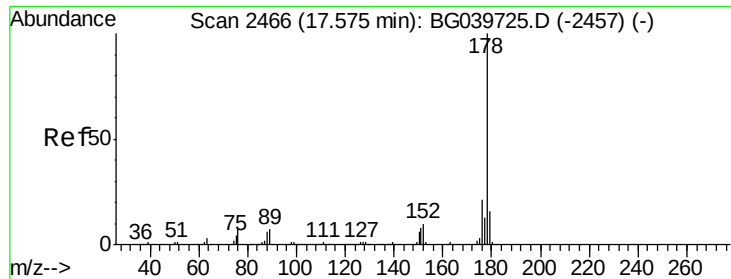
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#70
 Pentachlorophenol
 Concen: 76.630 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.0	51.1	76.7
264	61.8	52.1	78.1





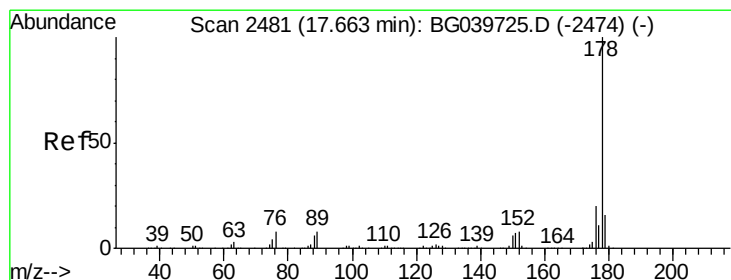
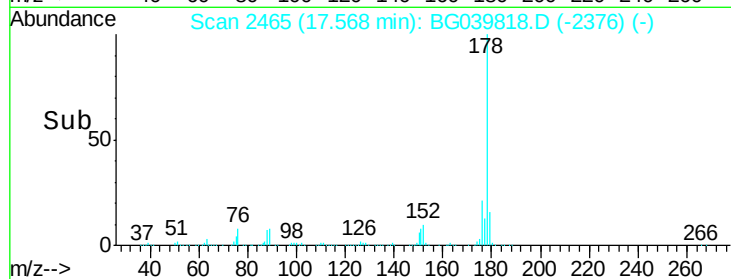
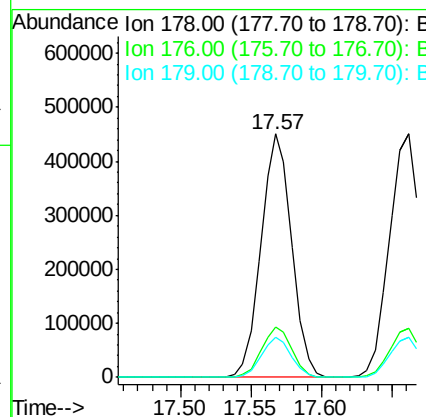
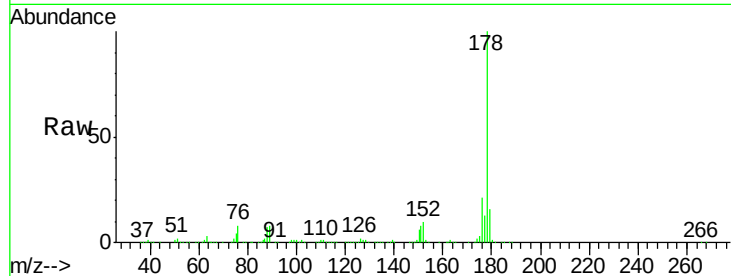
#71
Phenanthrene
Concen: 38.397 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.3	12.6	19.0

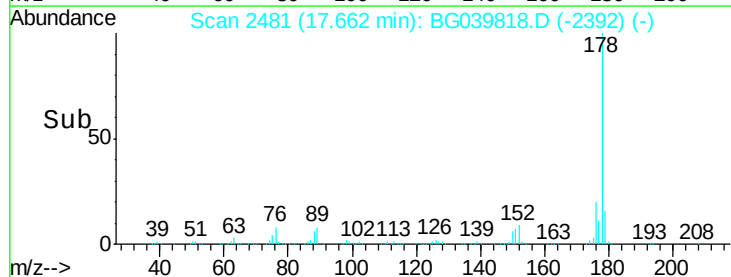
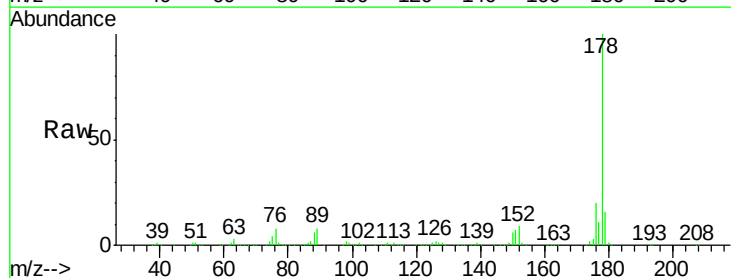
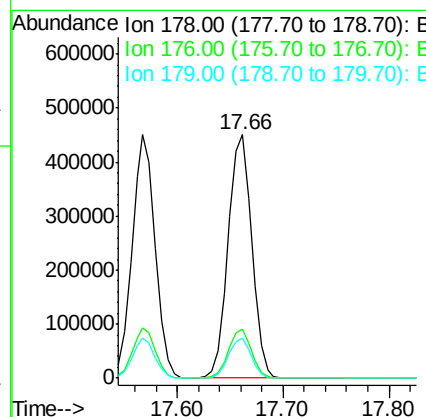
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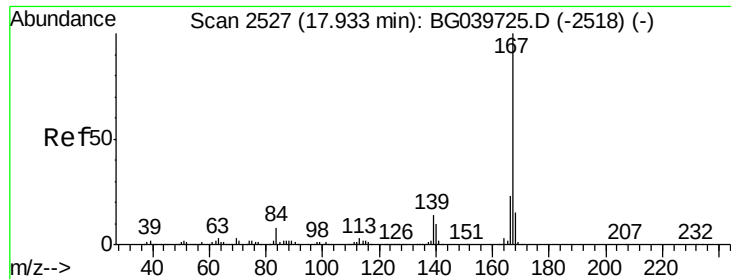
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#72
Anthracene
Concen: 40.097 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.5	12.5	18.7





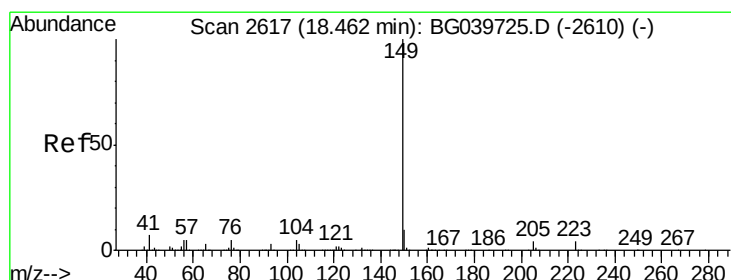
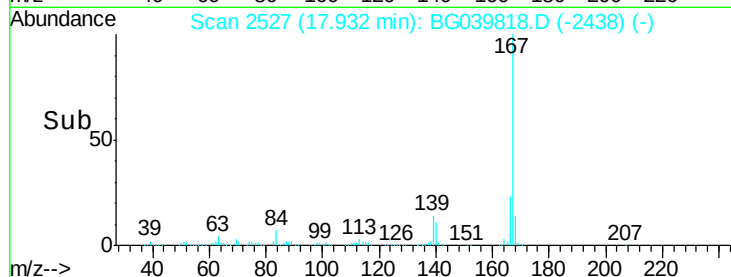
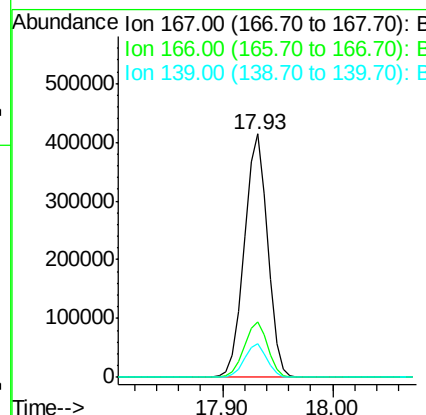
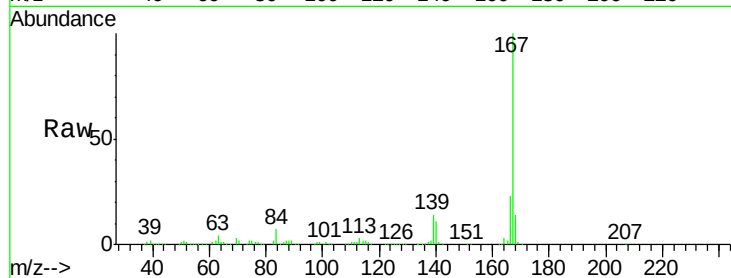
#73
 Carbazole
 Concen: 39.116 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	613315		
166	23.0	19.4	29.2	
139	13.7	10.8	16.2	

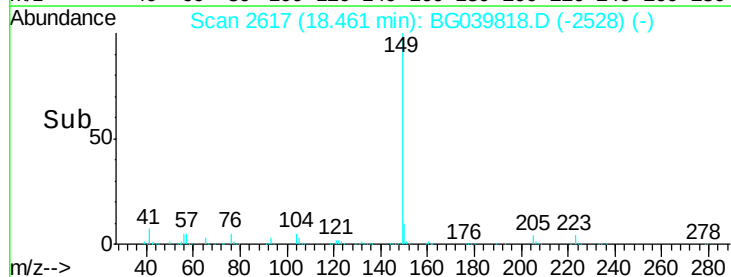
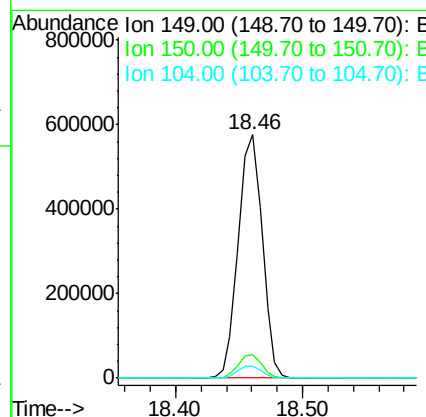
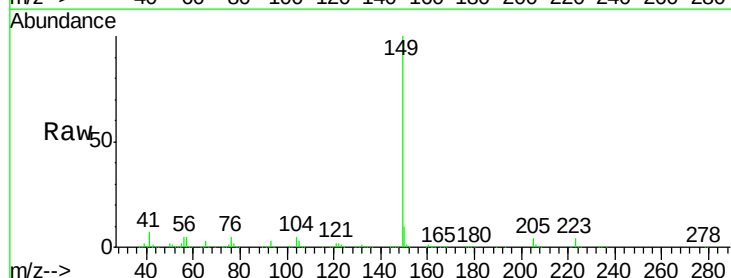
Manual Integrations
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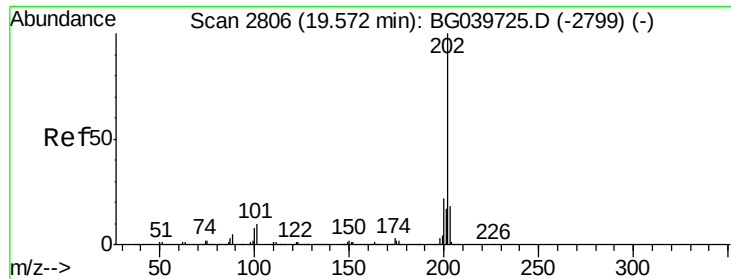
Sohil
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#74
 Di-n-butylphthalate
 Concen: 40.800 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	752682		
150	9.6	7.7	11.5	
104	5.2	4.5	6.7	





#75

Fluoranthene

Concen: 39.184 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

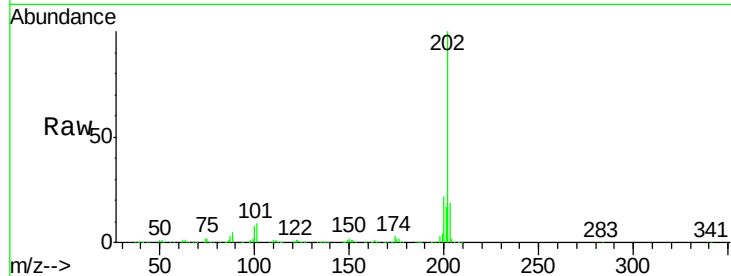
ClientSampleId :

PB117728BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		826517		
101	9.3	0.0	30.0		
203	18.7	0.0	38.9		

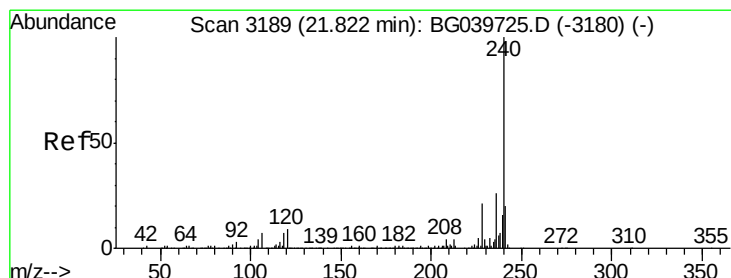
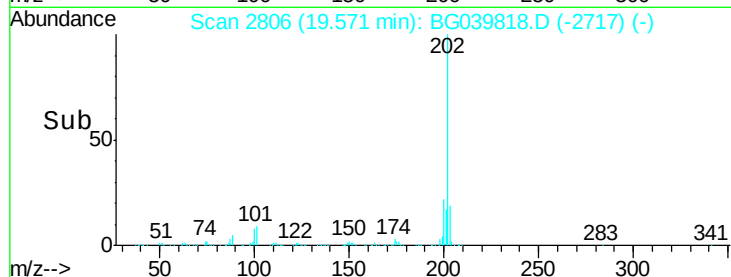
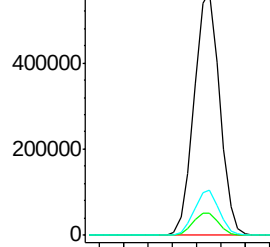
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.57



#76

Chrysene-d12

Concen: 20.000 ng

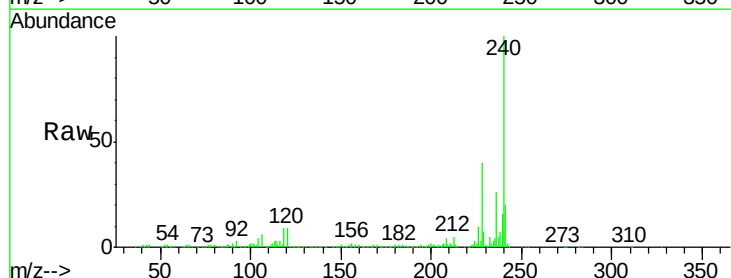
RT: 21.81 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039818.D

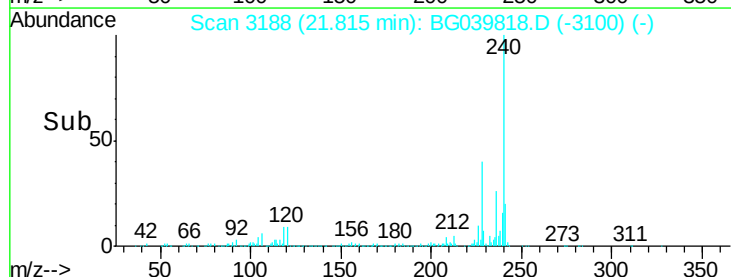
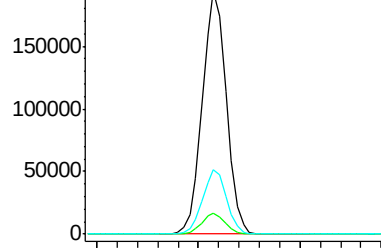
Acq: 8 Mar 2019 13:02

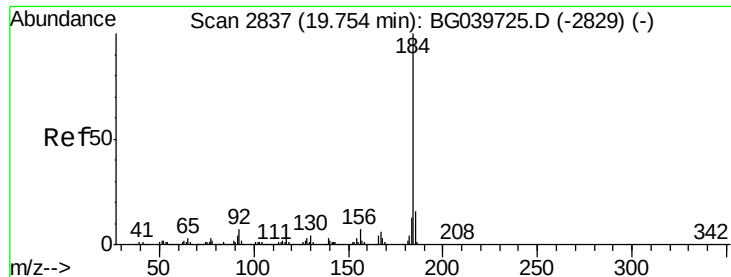
Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		318387		
120	8.6	7.0	10.6		
236	26.4	21.0	31.4		



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

21.81





#77

Benzidine

Concen: 31.108 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

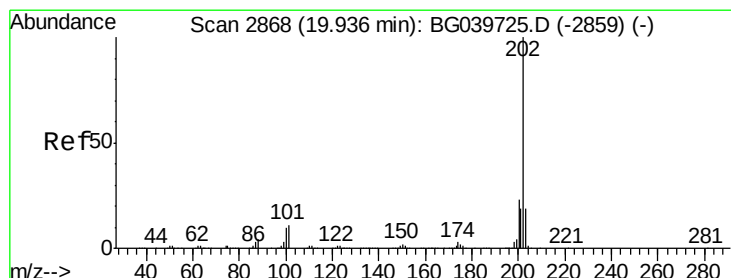
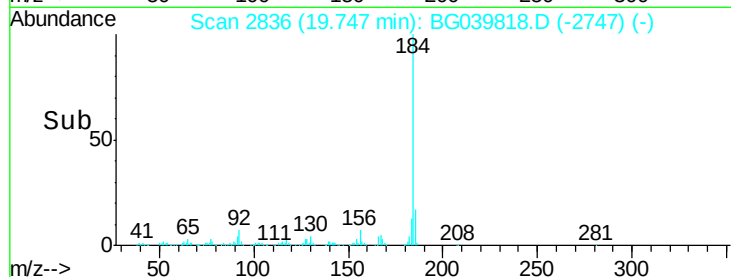
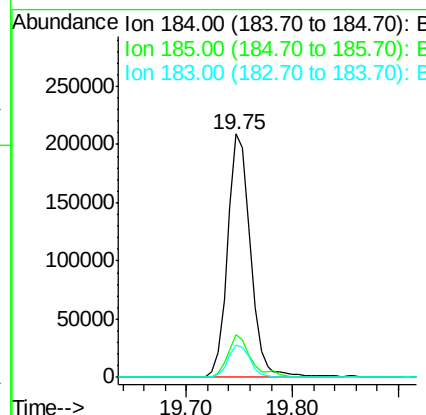
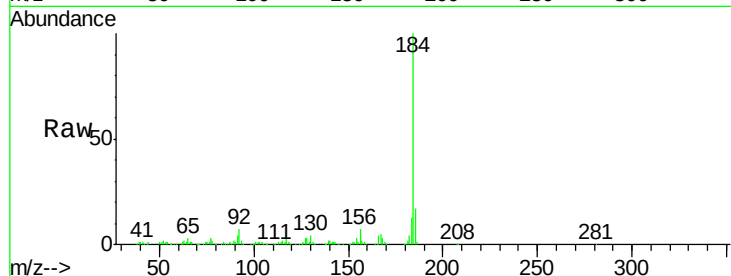
ClientSampleId :

PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	314293		
185	17.3		12.2	18.2
183	13.2		10.6	15.8

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#78

Pyrene

Concen: 39.011 ng

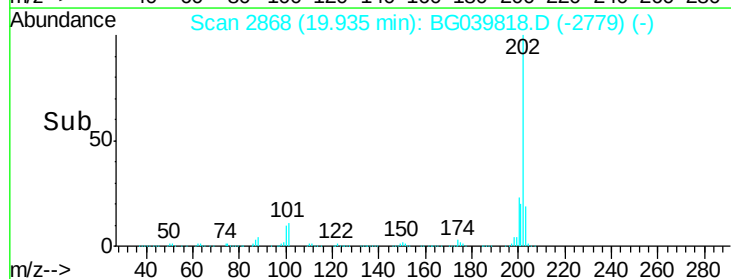
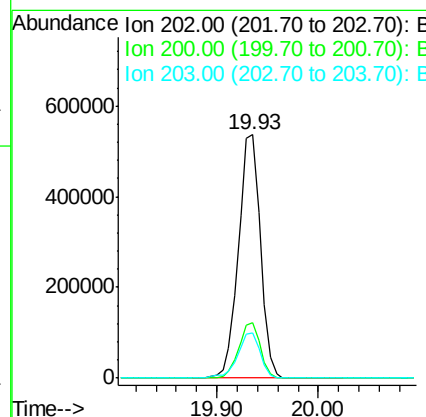
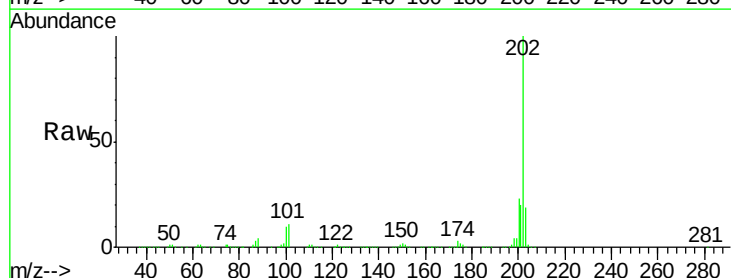
RT: 19.93 min Scan# 2868

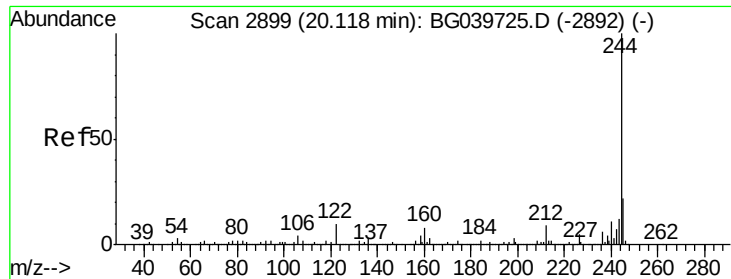
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	807106		
200	23.0		17.8	26.8
203	18.8		15.3	22.9





#79

Terphenyl-d14

Concen: 75.565 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

ClientSampled :

PB117728BS

Tgt Ion:244 Resp: 1092691

Ion Ratio Lower Upper

244 100

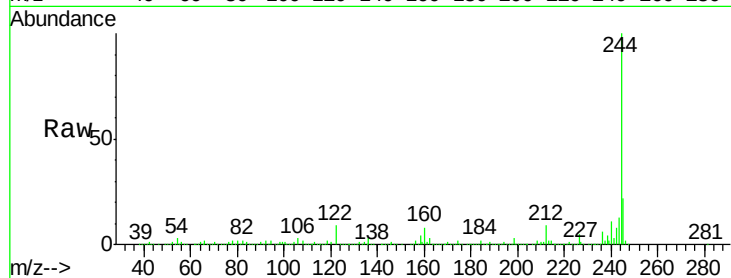
212 9.0 7.3 10.9

122 9.3 8.4 12.6

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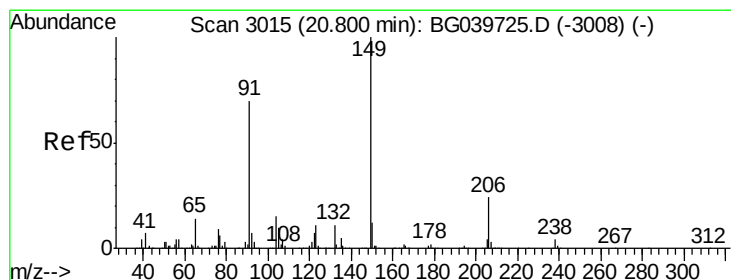
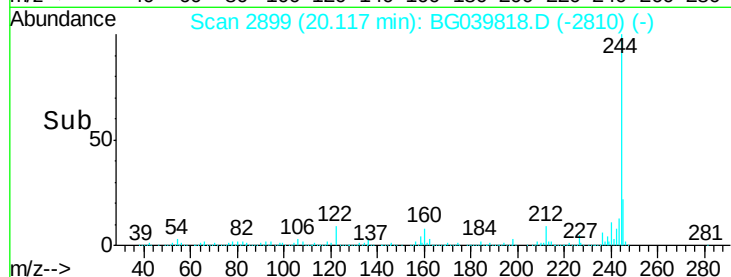
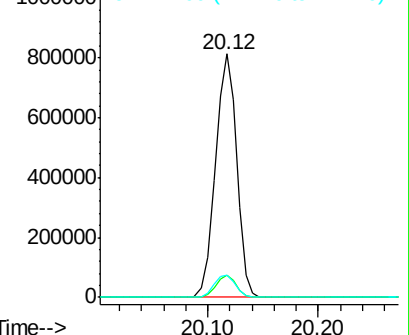
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.297 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

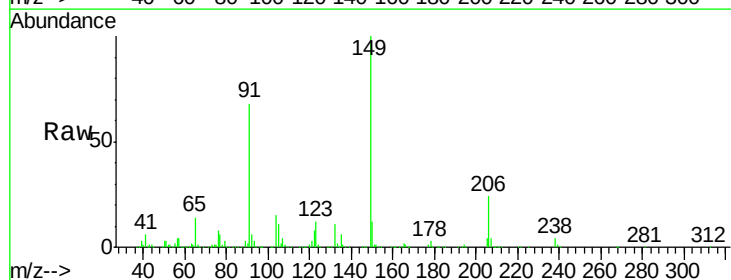
Tgt Ion:149 Resp: 347044

Ion Ratio Lower Upper

149 100

91 68.0 59.5 89.3

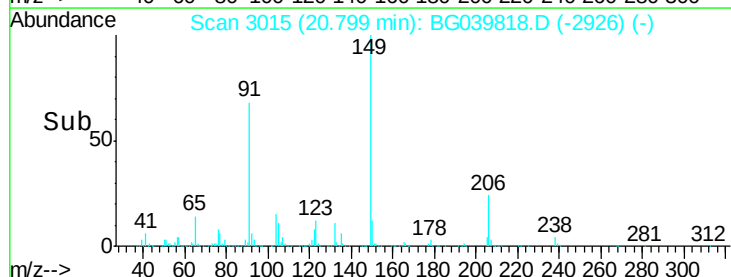
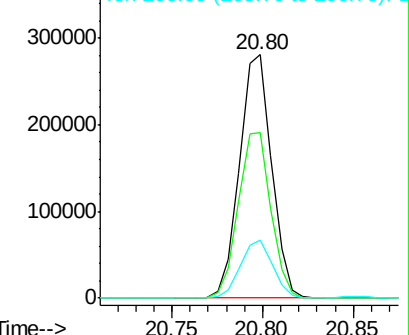
206 23.8 18.6 27.8

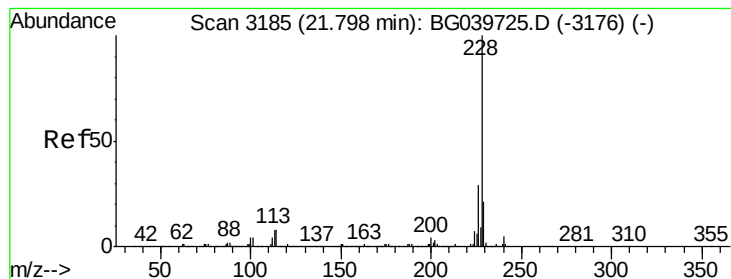


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.522 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

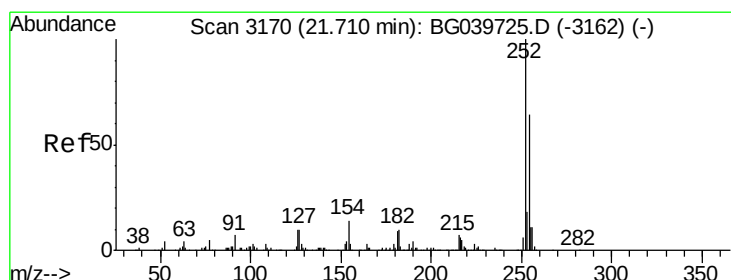
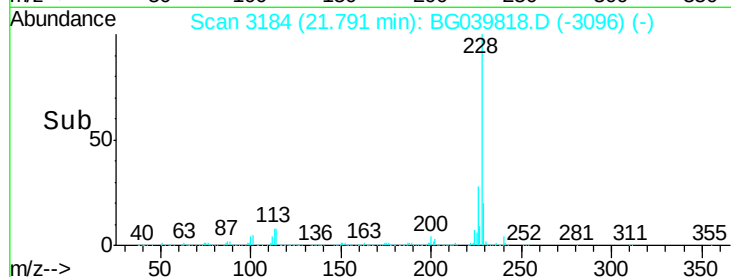
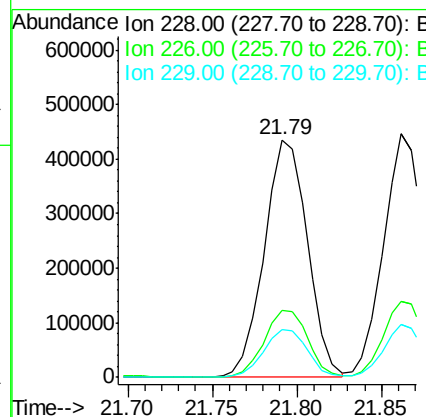
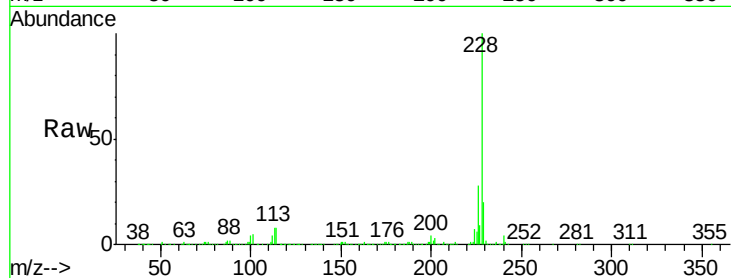
ClientSampleId :

PB117728BS

Tgt Ion:	228	Resp:	768668
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.0	34.6
229	20.1	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 28.815 ng

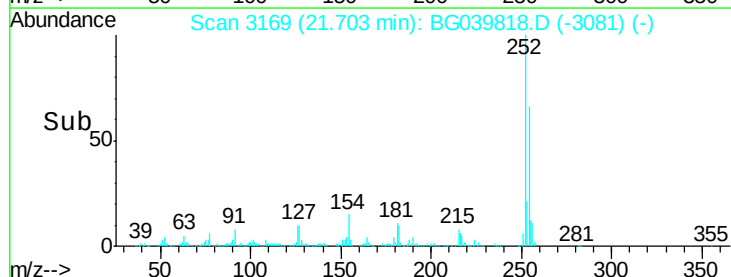
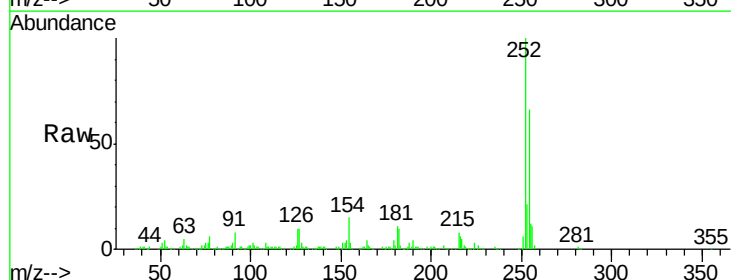
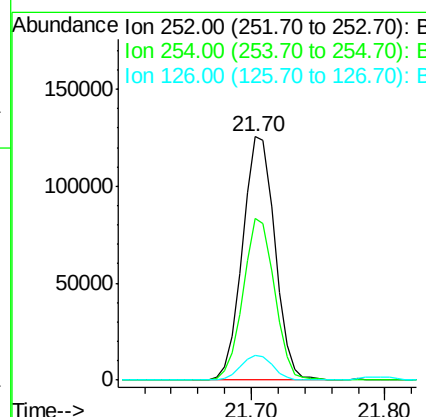
RT: 21.70 min Scan# 3169

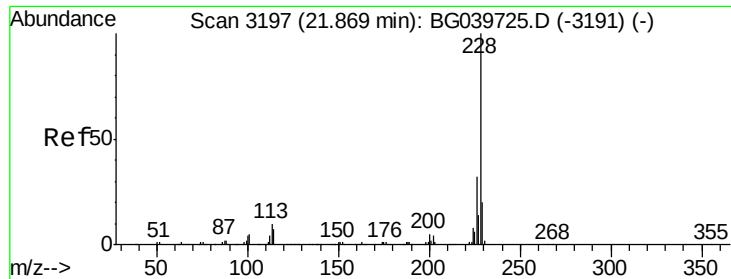
Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	252	Resp:	209925
Ion Ratio	Lower	Upper	
252	100		
254	66.4	51.3	76.9
126	10.1	8.0	12.0





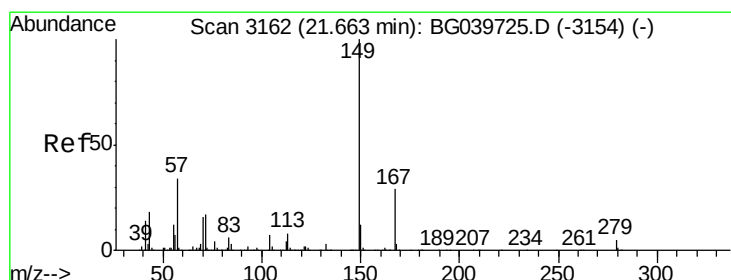
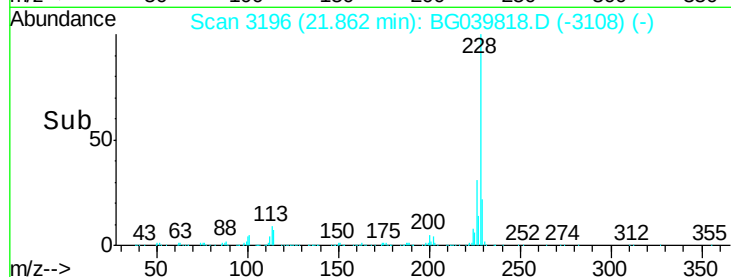
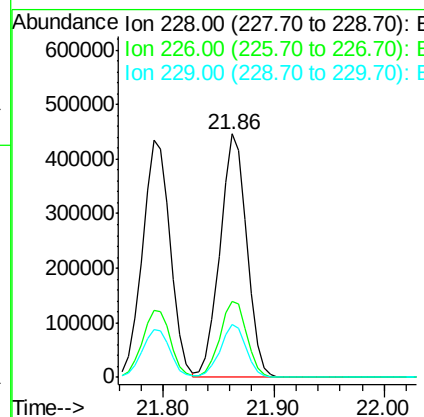
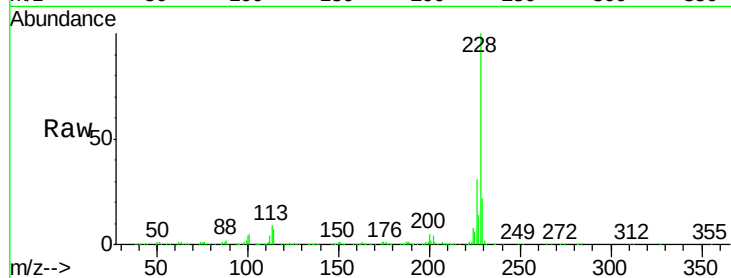
#83
Chrysene
 Concen: 38.607 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB117728BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.8	38.6
229	21.5	16.6	25.0

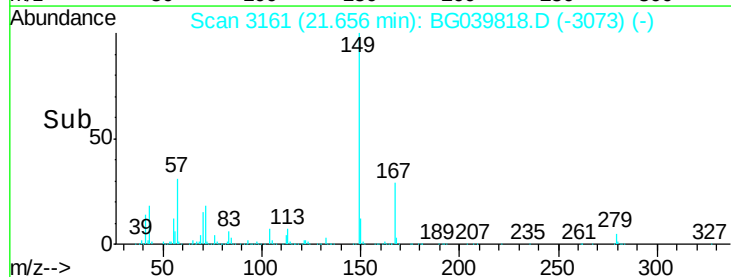
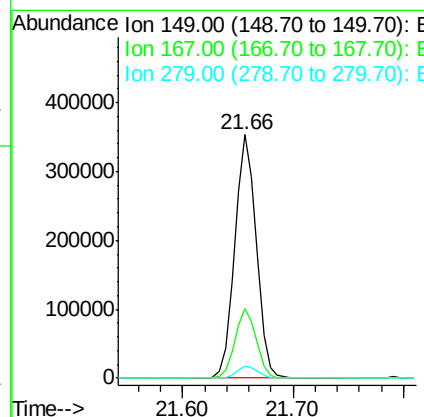
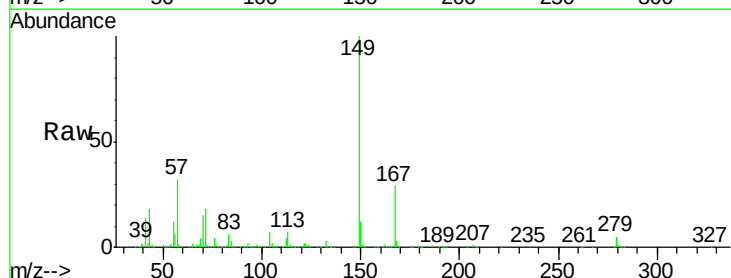
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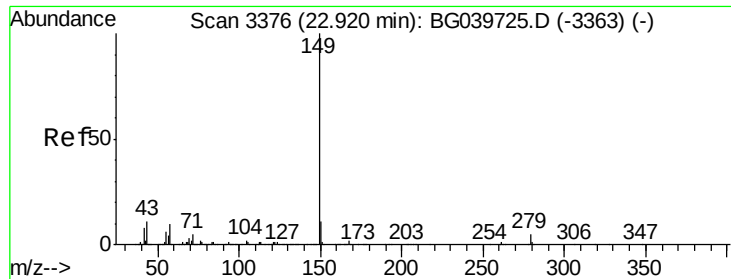
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 42.935 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.6	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 43.929 ng

RT: 22.91 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Instrument :

BNA_G

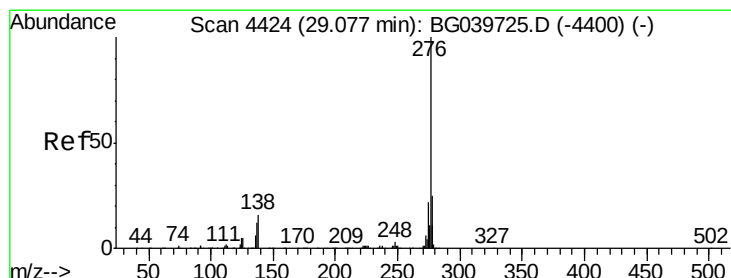
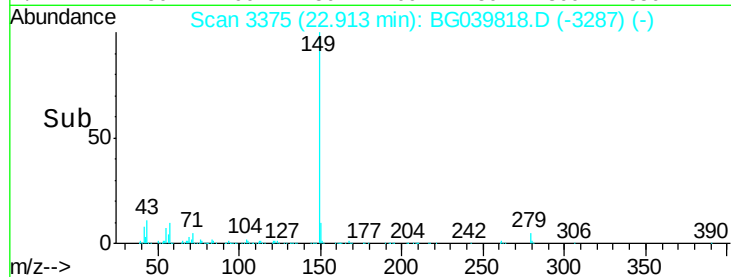
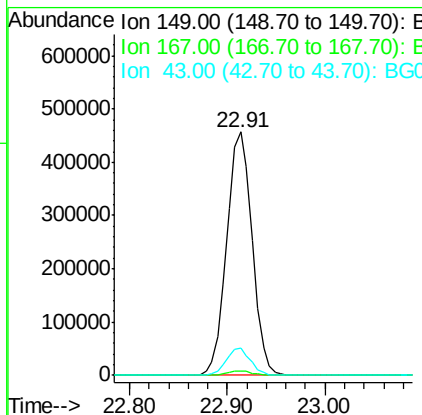
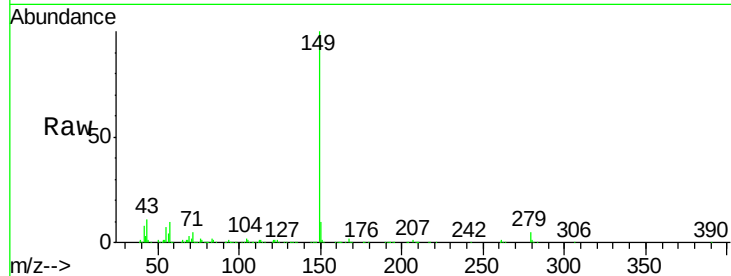
ClientSampleId :

PB117728BS

Tgt Ion:	149	Resp:	819273
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.047 ng

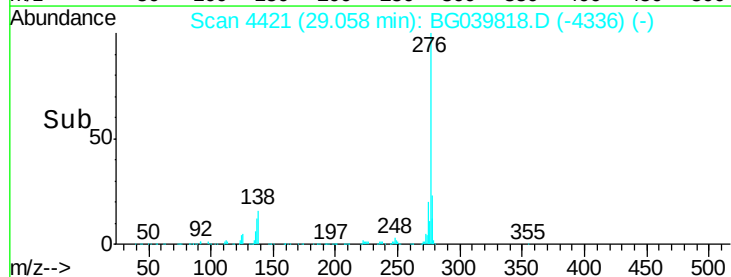
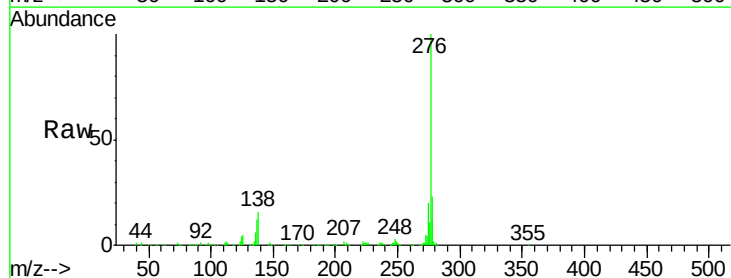
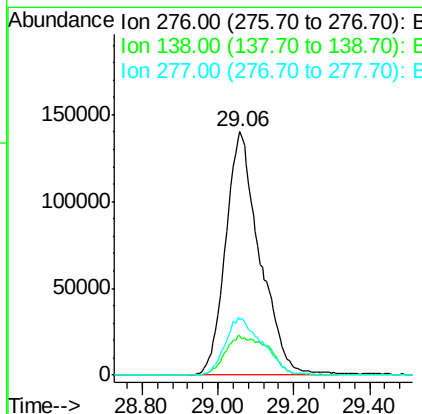
RT: 29.06 min Scan# 4421

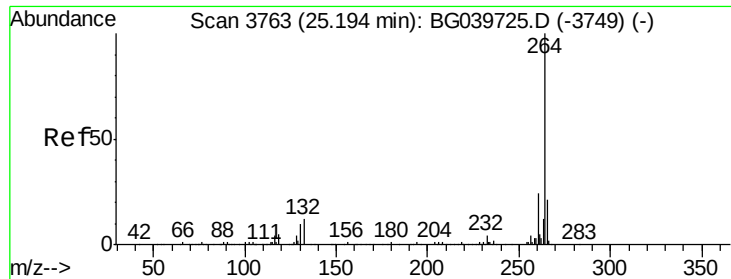
Delta R.T. -0.03 min

Lab File: BG039818.D

Acq: 8 Mar 2019 13:02

Tgt Ion:	276	Resp:	878876
Ion Ratio	Lower	Upper	
276	100		
138	20.5	12.6	19.0#
277	25.4	20.8	31.2





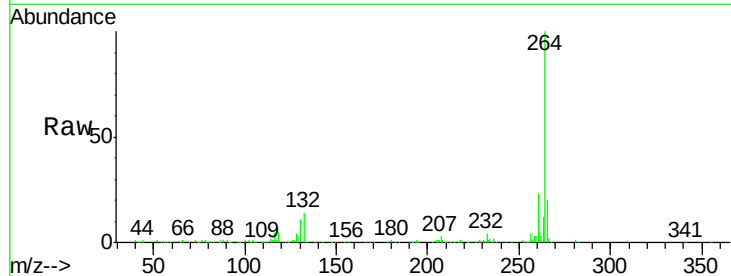
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.18 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampled :
 PB117728BS

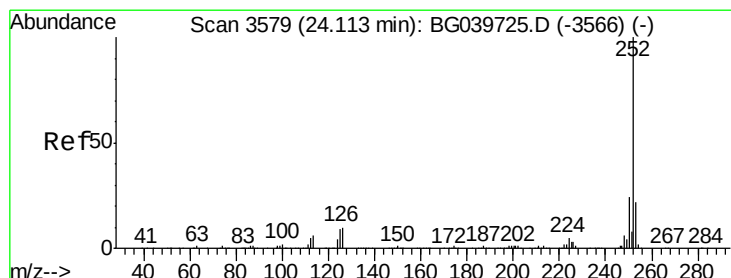
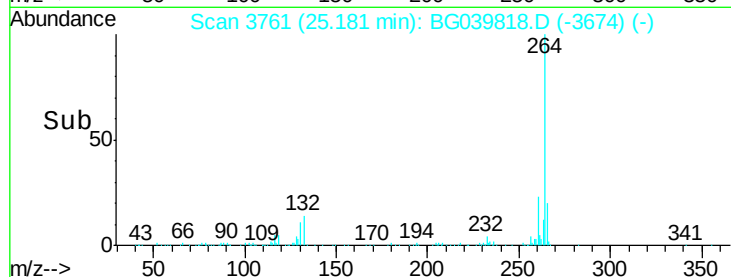
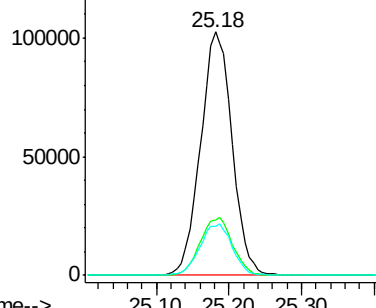
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.4	18.5	27.7

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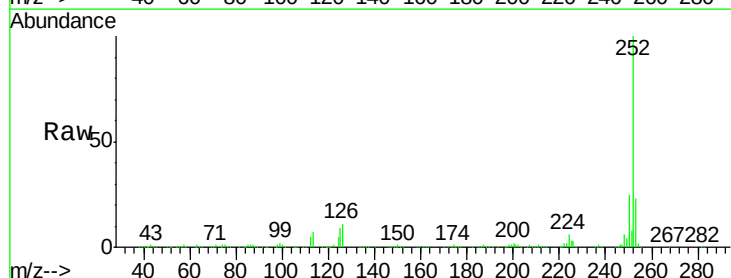


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

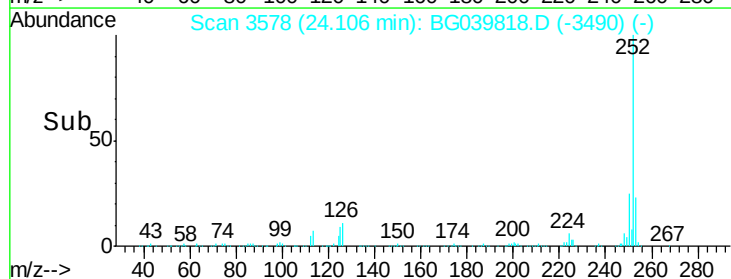
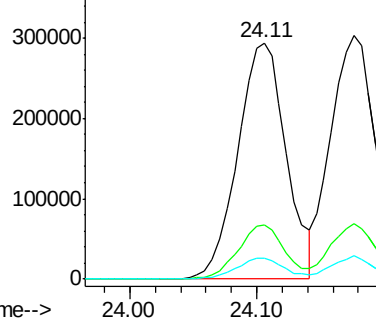


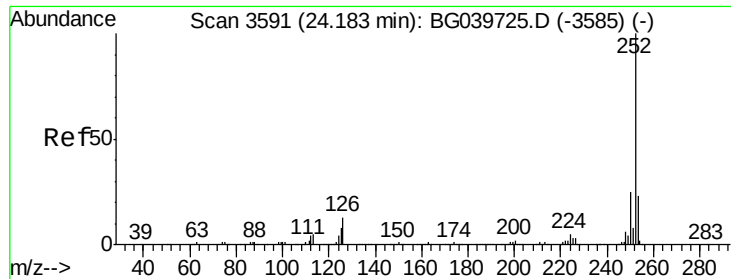
#88
 Benzo(b)fluoranthene
 Concen: 42.287 ng
 RT: 24.11 min Scan# 3578
 Delta R.T. -0.01 min
 Lab File: BG039818.D
 Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.6	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





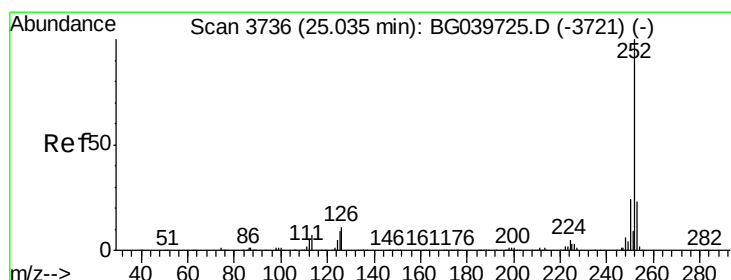
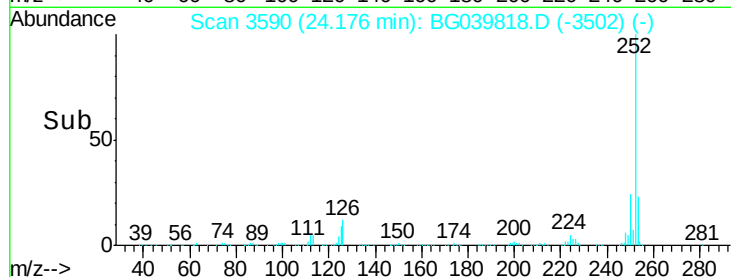
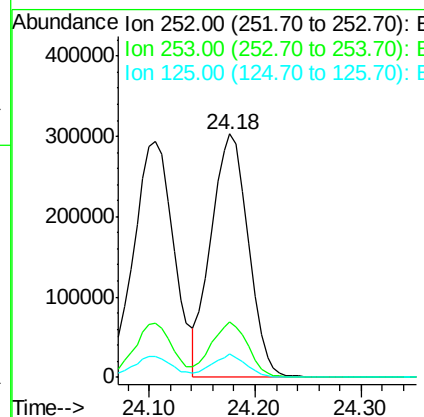
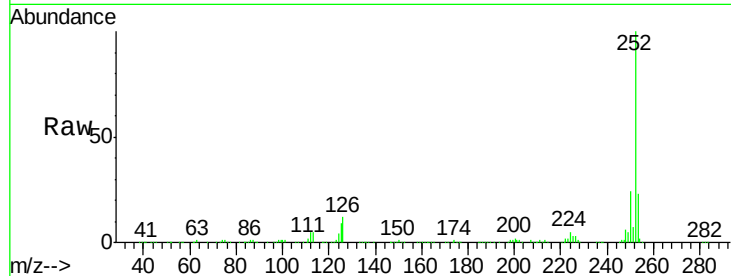
#89
Benzo(k)fluoranthene
Concen: 43.169 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	740855		
253	22.7	18.2	27.2	
125	9.4	7.4	11.2	

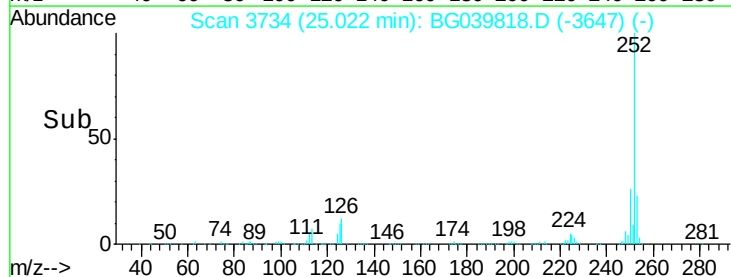
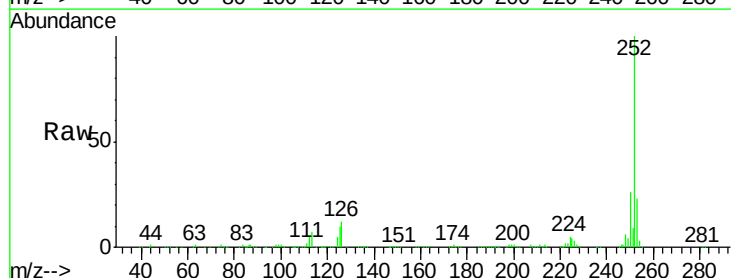
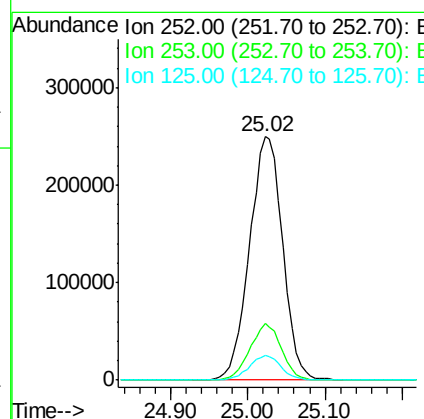
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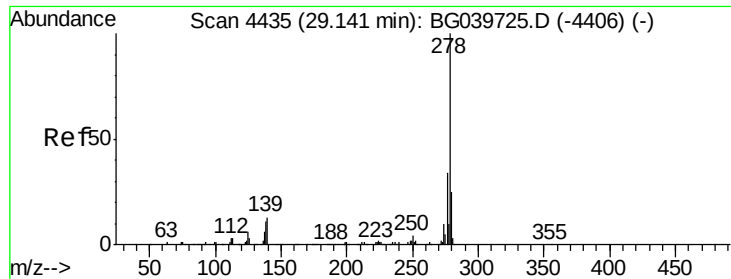
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#90
Benzo(a)pyrene
Concen: 44.046 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	750400		
253	23.2	17.9	26.9	
125	10.0	8.3	12.5	





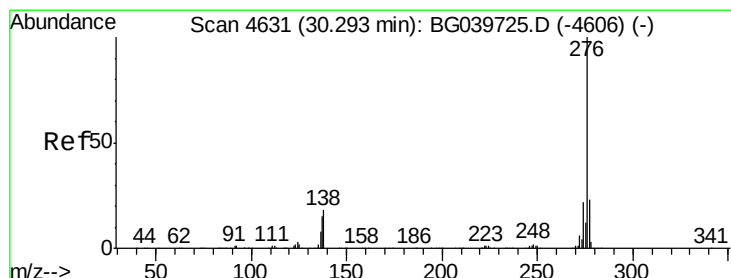
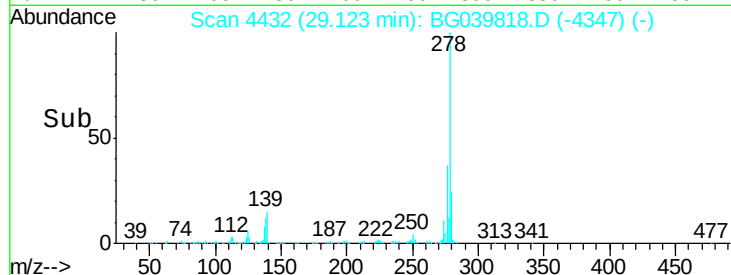
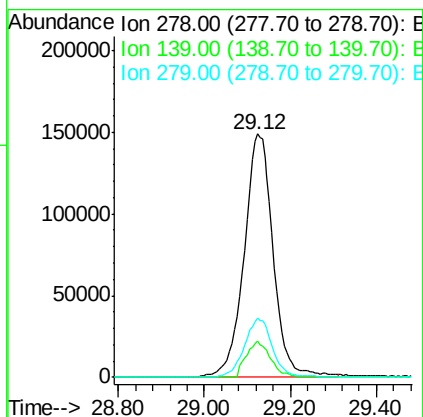
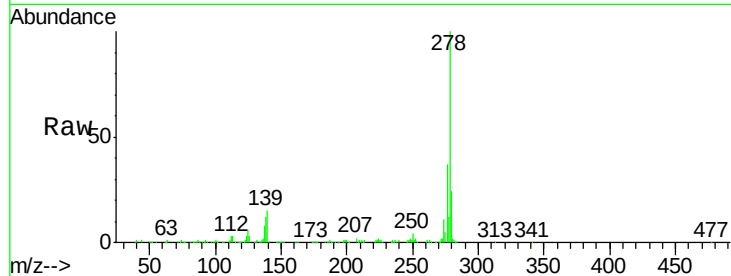
#91
Dibenzo(a,h)anthracene
Concen: 42.715 ng
RT: 29.12 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB117728BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	24.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/11/2019 9:42:24 AM



#92
Benzo(g,h,i)perylene
Concen: 42.524 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.03 min
Lab File: BG039818.D
Acq: 8 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	16.6	14.7	22.1

