

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039539.D
 Acq On : 18 Feb 2019 14:50
 Operator : JU/SJ
 Sample : PB117160BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Manual Integrations
 APPROVED

Sohil
 2/19/2019 9:57:12 AM

Quant Time: Feb 18 16:11:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47446	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220428	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	156541	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	389413	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	381870	20.00	ng	-0.01
87) Perylene-d12	25.21	264	354958	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	461818	166.59	ng	0.00
7) Phenol-d6	7.32	99	667868	163.67	ng	0.00
23) Nitrobenzene-d5	9.35	82	323093	91.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	281081	166.75	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	811159	74.34	ng	-0.01
79) Terphenyl-d14	20.13	244	1419962	78.71	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	43524	35.893	ng	95
3) Pyridine	4.00	79	120867	37.647	ng	97
4) n-Nitrosodimethylamine	3.92	42	64006	39.864	ng	# 81
6) Aniline	7.49	93	148202	28.995	ng	98
8) 2-Chlorophenol	7.73	128	149819	49.441	ng	98
9) Benzaldehyde	7.31	77	57142	25.070	ng	97
10) Phenol	7.35	94	206919	48.645	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	137252	40.834	ng	94
12) 1,3-Dichlorobenzene	8.06	146	146279	39.848	ng	96
13) 1,4-Dichlorobenzene	8.20	146	151252	41.338	ng	98
14) 1,2-Dichlorobenzene	8.52	146	143578	40.535	ng	99
15) Benzyl Alcohol	8.41	79	140765	43.940	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	261197	34.412	ng	99
17) 2-Methylphenol	8.60	107	133177	48.381	ng	97
18) Hexachloroethane	9.26	117	52787	41.934	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	113166	39.074	ng	93
20) 3+4-Methylphenols	8.93	107	187653	49.505	ng	98
22) Acetophenone	9.00	105	219343	37.045	ng	# 94
24) Nitrobenzene	9.39	77	171027	44.867	ng	95
25) Isophorone	9.90	82	322956	41.304	ng	98
26) 2-Nitrophenol	10.10	139	82682	53.417	ng	96
27) 2,4-Dimethylphenol	10.14	122	156838	49.585	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	200468	41.625	ng	97
29) 2,4-Dichlorophenol	10.63	162	173341	50.143	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	158664	40.881	ng	96
31) Naphthalene	11.04	128	464387	42.467	ng	100
32) Benzoic acid	10.27	122	98432	47.614	ng	96
33) 4-Chloroaniline	11.15	127	113167	22.319	ng	99
34) Hexachlorobutadiene	11.31	225	99908	38.708	ng	96
35) Caprolactam	11.93	113	59928m	41.893	ng	
36) 4-Chloro-3-methylphenol	12.25	107	188175	47.068	ng	98
37) 2-Methylnaphthalene	12.63	142	353929	43.699	ng	99
38) 1-Methylnaphthalene	12.85	142	339114	43.435	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	197179	39.589	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230708	85.005	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	142753	46.615	nq	97
44) 2,4,5-Trichlorophenol	13.30	196	157059	48.934	nq	97
46) 1,1'-Biphenyl	13.63	154	491047	37.701	nq	100
47) 2-Chloronaphthalene	13.68	162	383300	39.120	nq	97
48) 2-Nitroaniline	13.89	65	134964	47.959	nq	98
49) Acenaphthylene	14.52	152	618575	41.839	nq	99
50) Dimethylphthalate	14.24	163	516395	40.845	nq	99
51) 2,6-Dinitrotoluene	14.37	165	115026	48.587	nq	98
52) Acenaphthene	14.86	154	376772	39.260	nq	97
53) 3-Nitroaniline	14.71	138	85110	35.146	nq	# 85
54) 2,4-Dinitrophenol	14.91	184	95240	87.247	nq	95
55) Dibenzofuran	15.19	168	625267	40.636	nq	99
56) 4-Nitrophenol	15.00	139	192531	83.918	nq	90
57) 2,4-Dinitrotoluene	15.15	165	164170	53.223	nq	# 90
58) Fluorene	15.84	166	496788	43.310	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	154041	51.258	nq	96
60) Diethylphthalate	15.59	149	518232	39.645	nq	96
61) 4-Chlorophenyl-phenylether	15.82	204	265663	40.903	nq	95
62) 4-Nitroaniline	15.87	138	124468	47.040	nq	91
63) Azobenzene	16.12	77	468235	36.648	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	82418	51.979	nq	92
66) n-Nitrosodiphenylamine	16.04	169	453164	38.272	nq	100
67) 4-Bromophenyl-phenylether	16.72	248	173515	40.165	nq	95
68) Hexachlorobenzene	16.83	284	177580	40.970	nq	98
69) Atrazine	16.98	200	179164	41.405	nq	96
70) Pentachlorophenol	17.18	266	217967	72.355	nq	99
71) Phenanthrene	17.58	178	822861	40.827	nq	98
72) Anthracene	17.67	178	831969	41.907	nq	99
73) Carbazole	17.94	167	732259	36.959	nq	98
74) Di-n-butylphthalate	18.47	149	885072	38.292	nq	100
75) Fluoranthene	19.58	202	972687	41.579	nq	99
77) Benzidine	19.76	184	280857	22.433	nq	99
78) Pyrene	19.94	202	991103	41.691	nq	99
80) Butylbenzylphthalate	20.81	149	413667	41.251	nq	95
81) Benzo(a)anthracene	21.81	228	960413	42.563	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	256689	30.680	nq	99
83) Chrysene	21.88	228	893221	41.584	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	573200	40.066	nq	98
85) Di-n-octyl phthalate	22.94	149	986720	41.747	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	957855	41.562	nq	# 95
88) Benzo(b)fluoranthene	24.13	252	927058	47.891	nq	99
89) Benzo(k)fluoranthene	24.20	252	887424	45.661	nq	99
90) Benzo(a)pyrene	25.05	252	898555	48.198	nq	97
91) Dibenzo(a,h)anthracene	29.18	278	777377	44.525	nq	98
92) Benzo(g,h,i)perylene	30.33	276	760657	43.711	nq	100

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

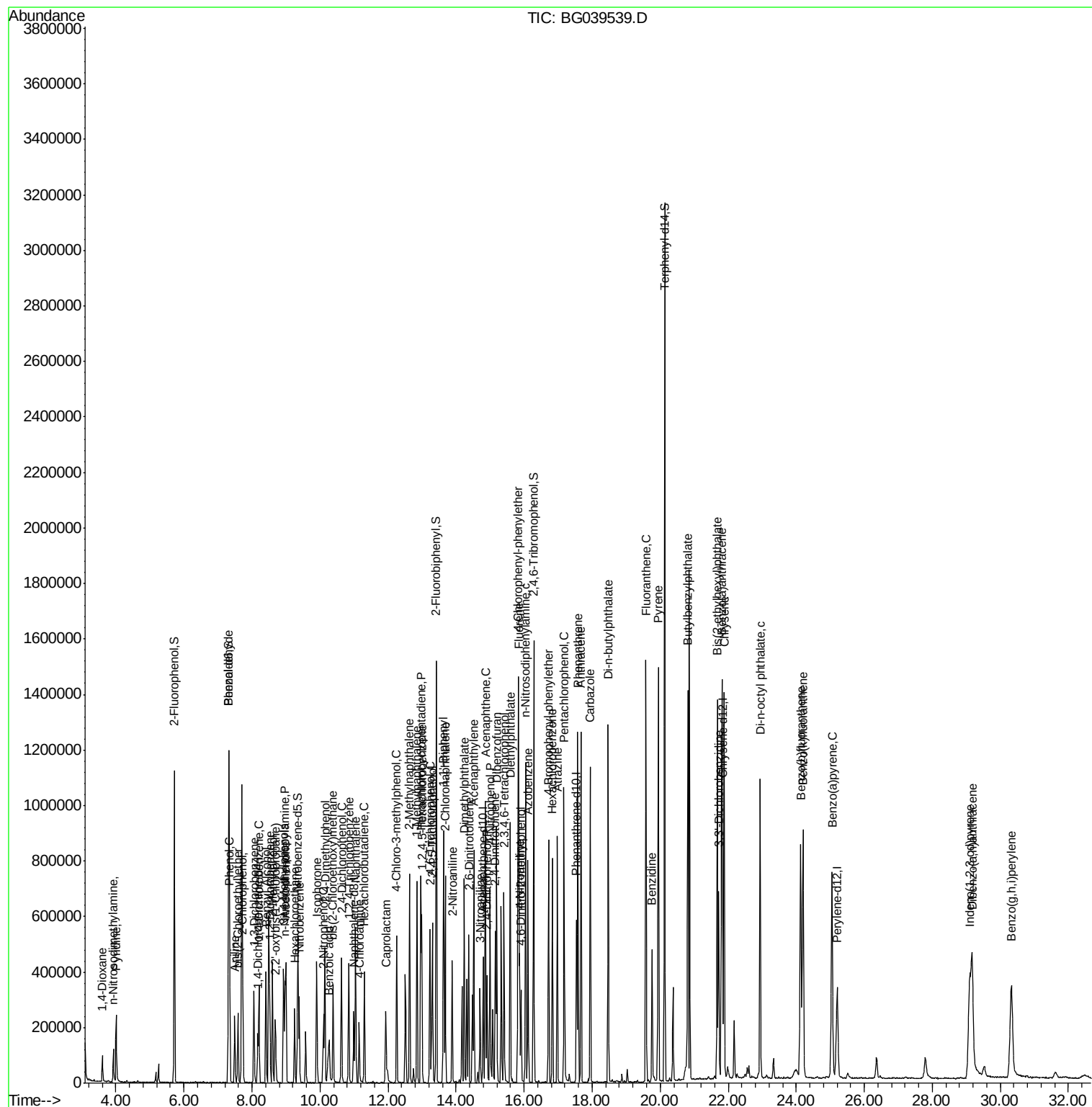
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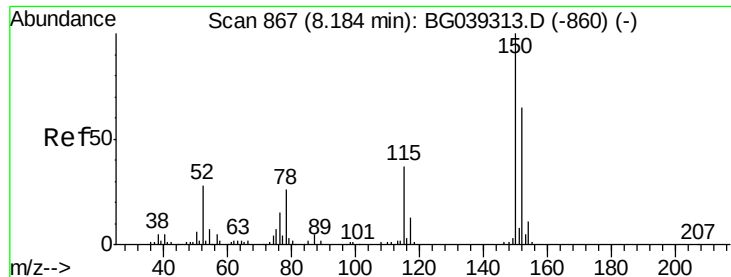
Instrument :
BNA_G
ClientSampled :
PB117160BS

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#1

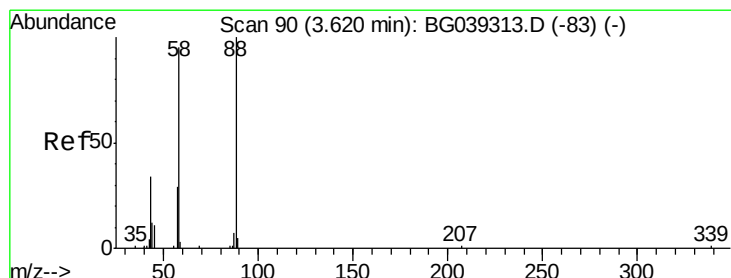
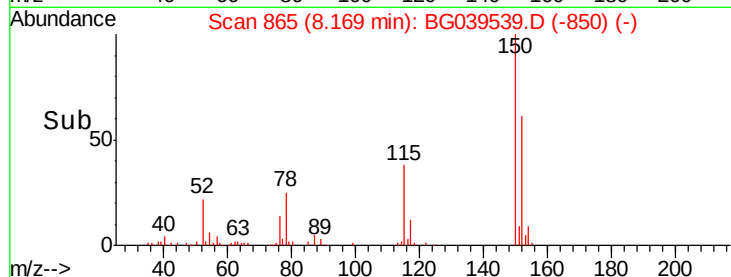
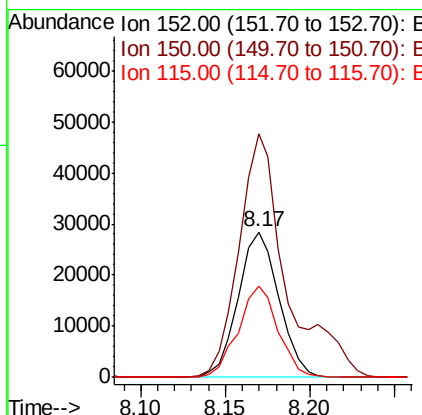
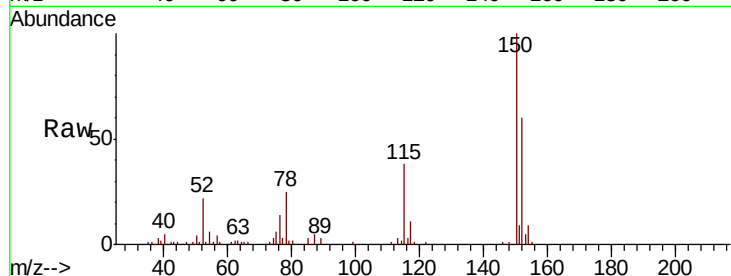
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.4	123.7	185.5
115	63.0	45.9	68.9

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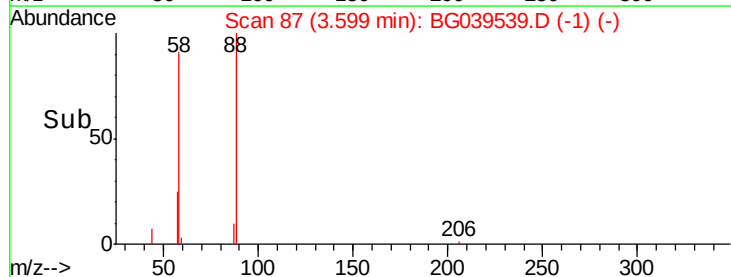
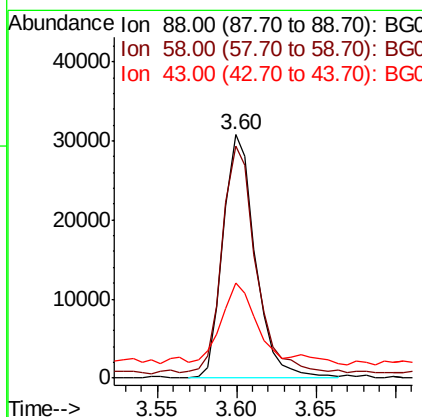
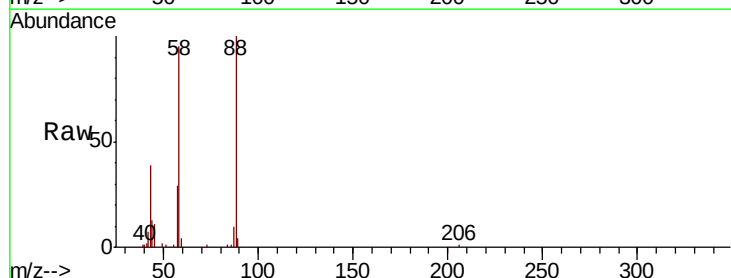
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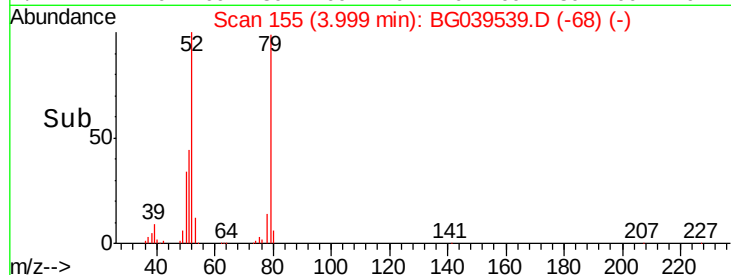
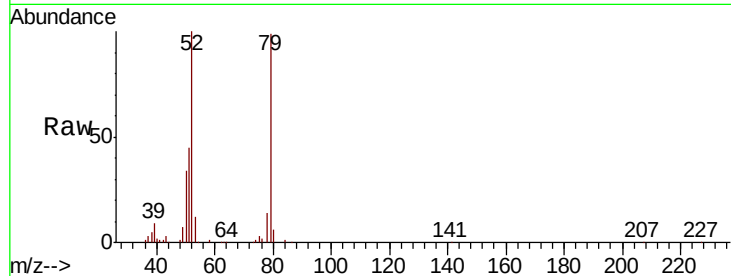
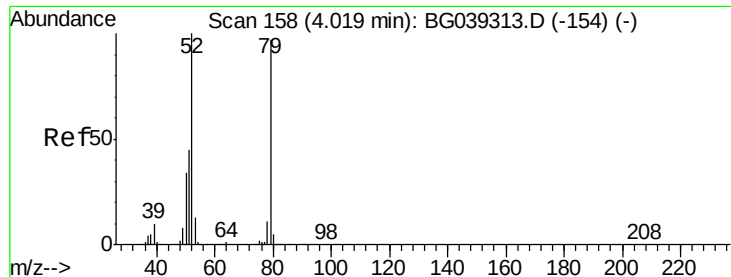


#2

1,4-Dioxane
Concen: 35.893 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	81.1	121.7
43	34.1	31.4	47.0





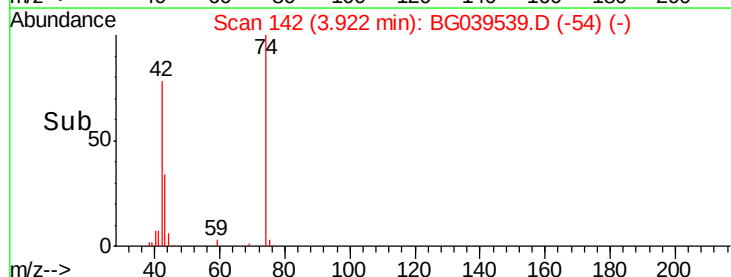
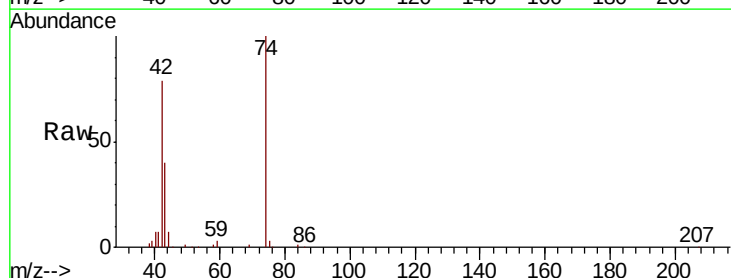
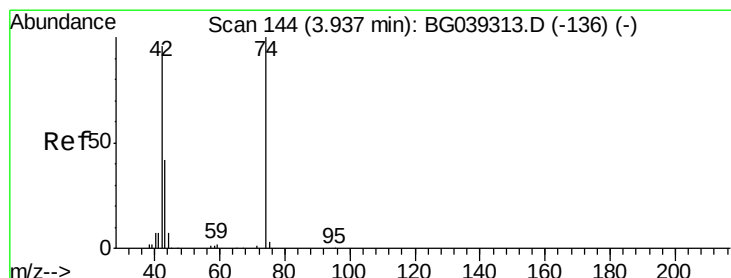
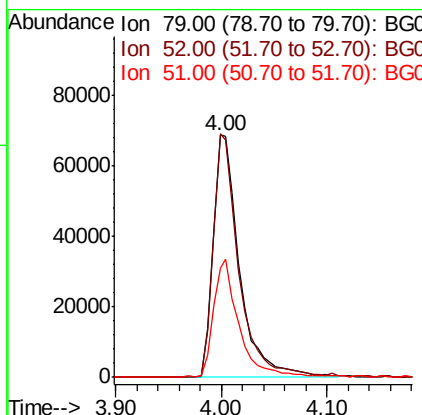
#3
 Pvridine
 Concen: 37.647 ng
 RT: 4.00 min Scan# 155
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.5	82.6	124.0
51	45.0	37.5	56.3

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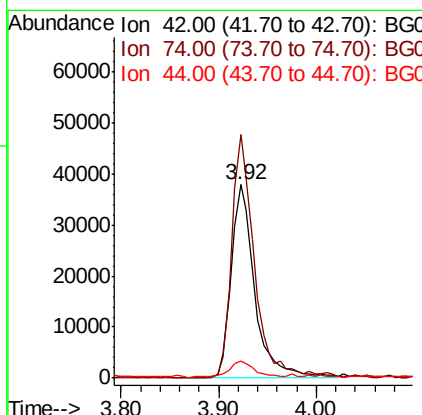
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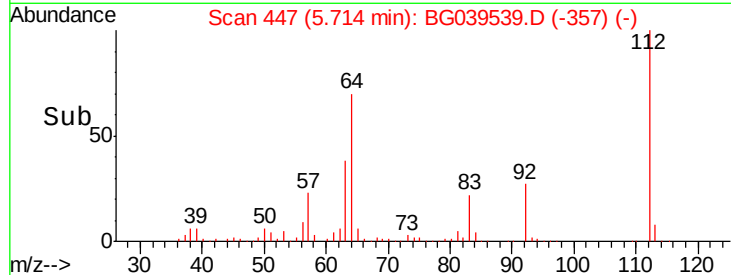
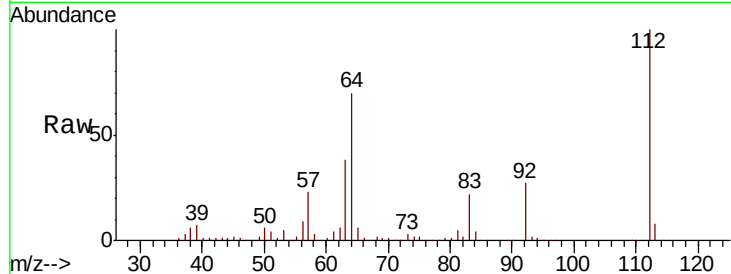
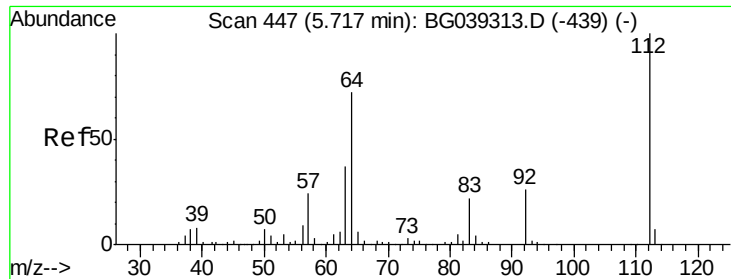
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#4
 n-Nitrosodimethylamine
 Concen: 39.864 ng
 RT: 3.92 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: BG039539.D
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Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.0	83.6	125.4#
44	8.6	6.9	10.3





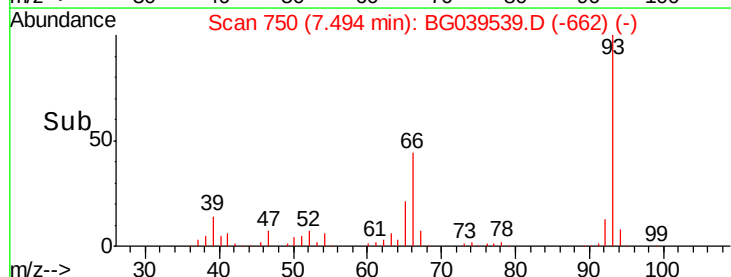
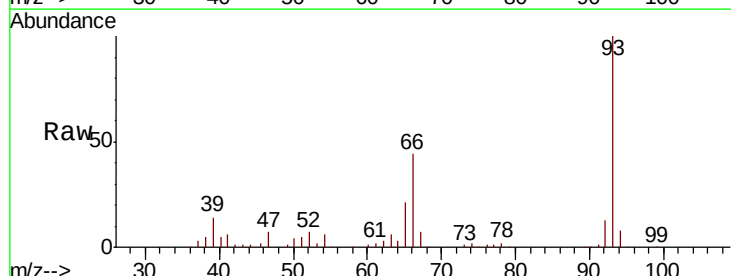
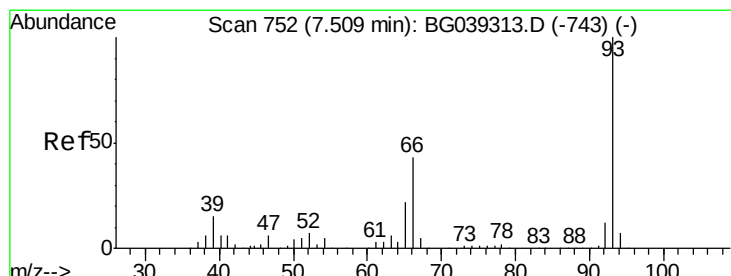
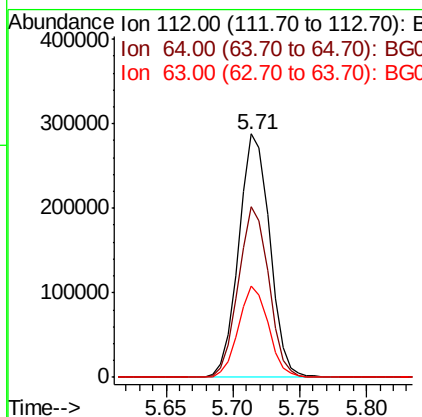
#5
2-Fluorophenol
Concen: 166.591 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tot Ion: 112	Resp: 461818
Ion Ratio	Lower Upper
112 100	
64 70.0	57.8 86.8
63 37.5	29.8 44.6

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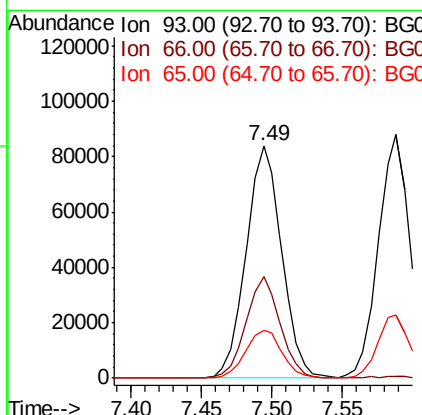
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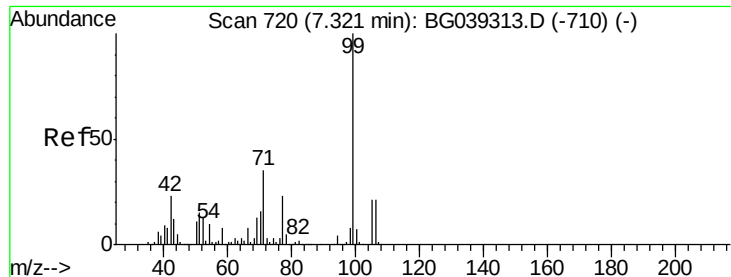
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#6
Aniline
Concen: 28.995 ng
RT: 7.49 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion: 93	Resp: 148202
Ion Ratio	Lower Upper
93 100	
66 43.9	34.2 51.4
65 20.8	17.7 26.5





#7

Phenol-d6

Concen: 163.671 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

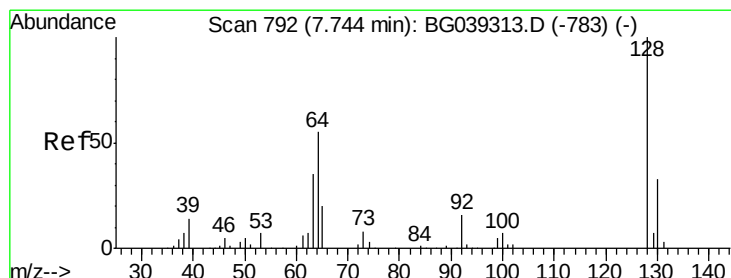
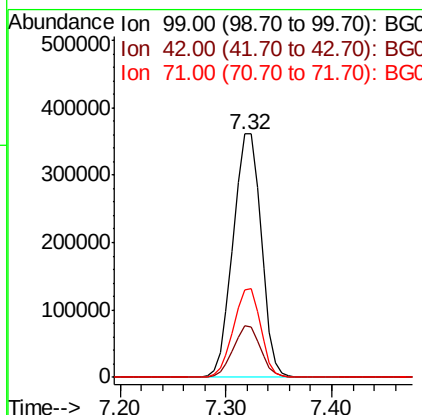
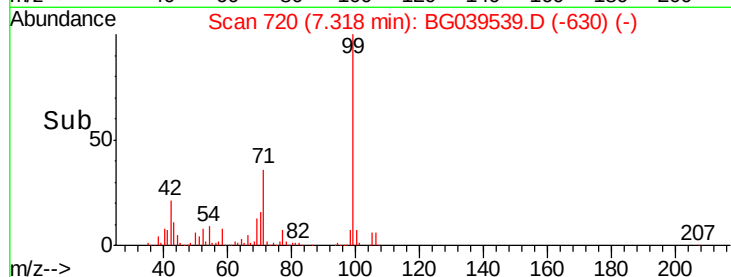
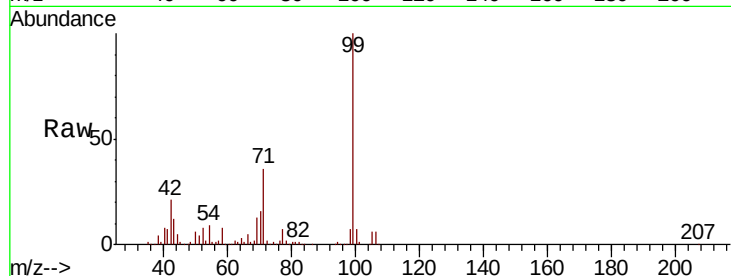
ClientSampleId :

PB117160BS

Tot Ion:	99	Resp:	667868
Ion Ratio	Lower	Upper	
99	100		
42	20.9	18.2	27.2
71	36.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 49.441 ng

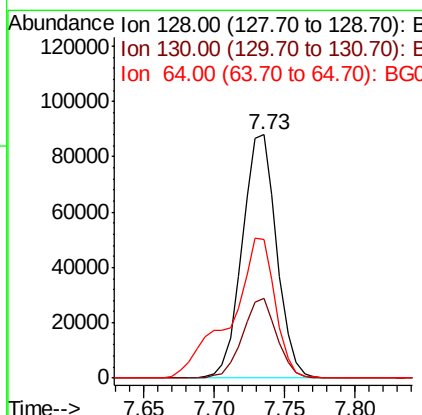
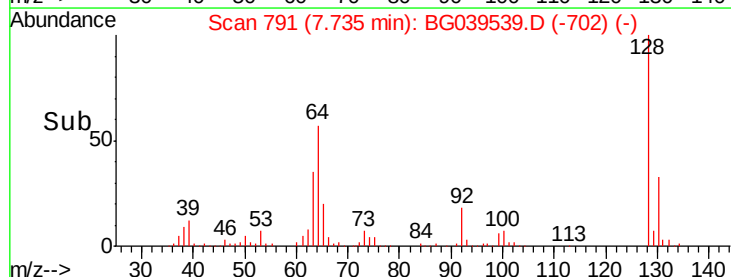
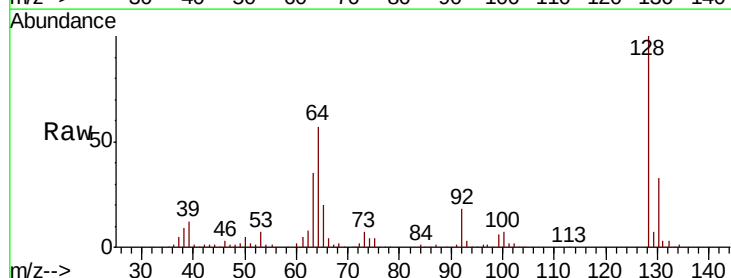
RT: 7.73 min Scan# 791

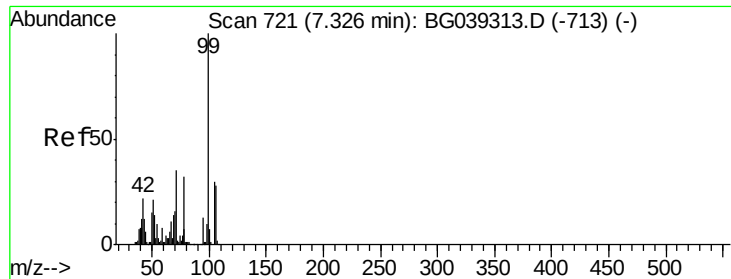
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	128	Resp:	149819
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.9	52.9
64	56.8	38.7	78.7





#9

Benzaldehyde

Concen: 25.070 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

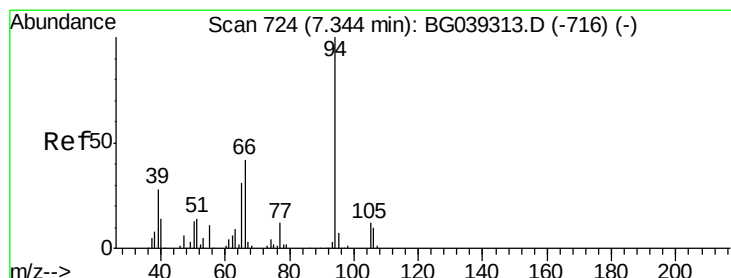
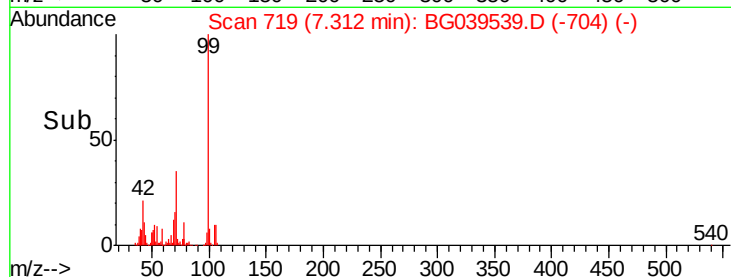
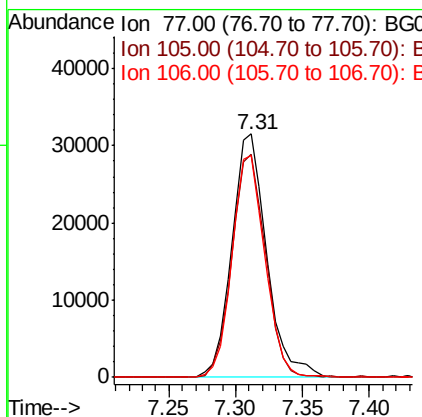
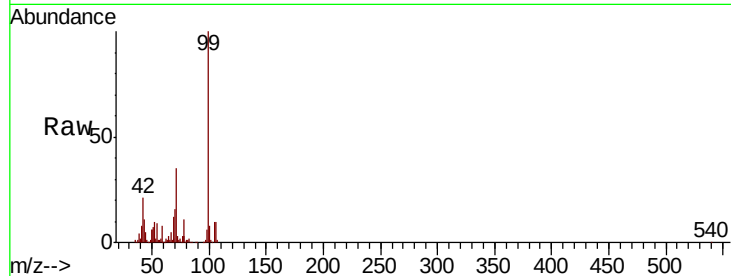
ClientSampleId :

PB117160BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.9	74.5	114.5
106	90.9	68.0	108.0

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#10

Phenol

Concen: 48.645 ng

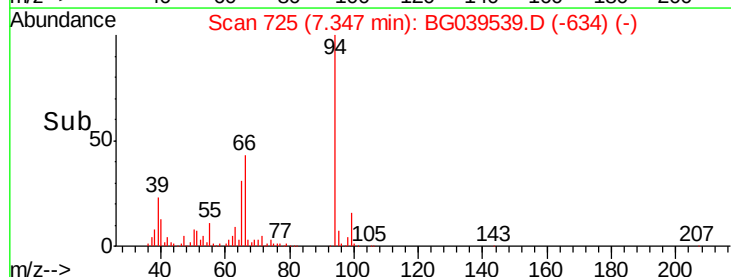
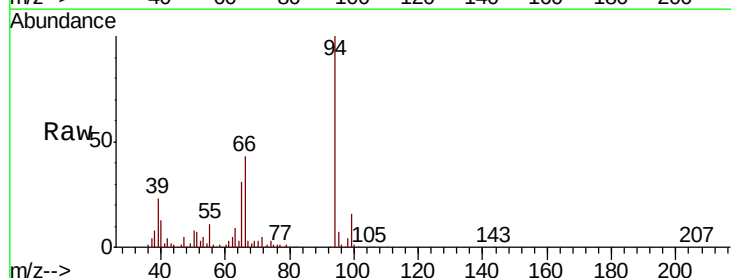
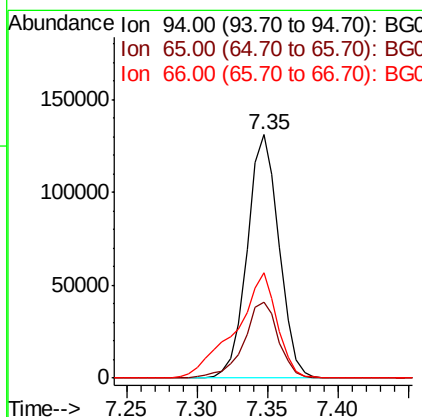
RT: 7.35 min Scan# 725

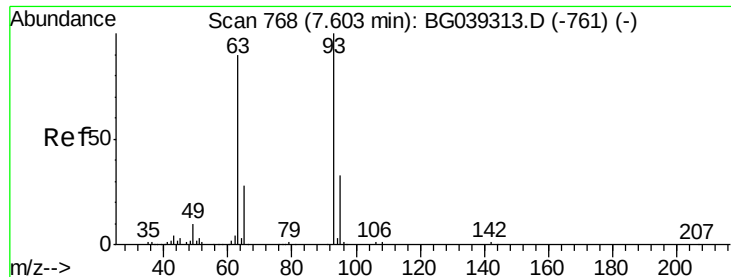
Delta R.T. 0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.7	51.7
66	43.1	23.7	63.7





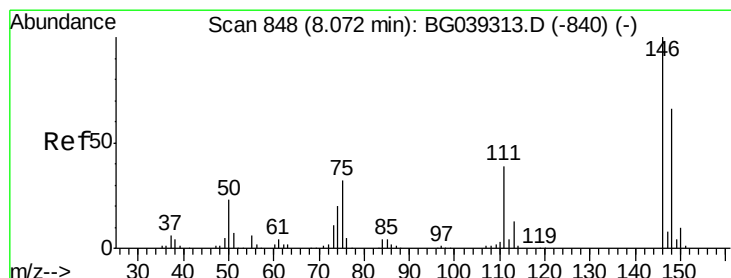
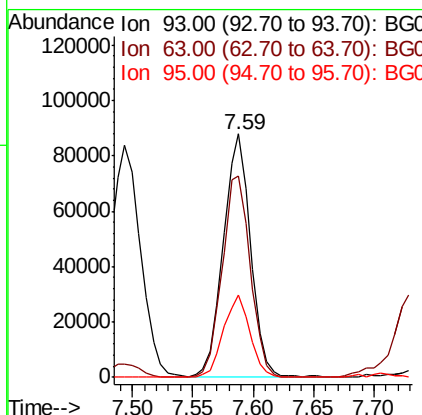
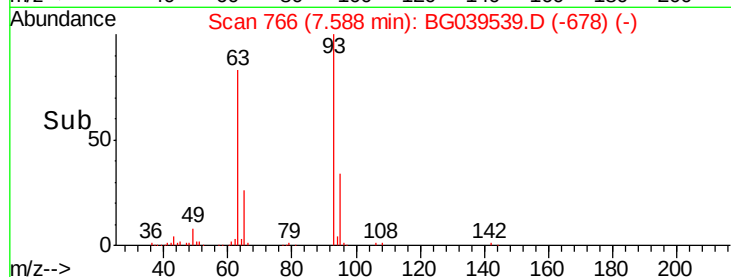
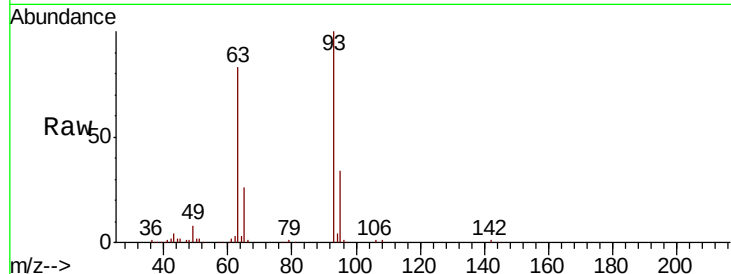
#11
bis(2-Chloroethyl)ether
Concen: 40.834 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion:	93	Resp:	137252
Ion	Ratio	Lower	Upper
93	100		
63	82.9	69.5	109.5
95	33.6	12.7	52.7

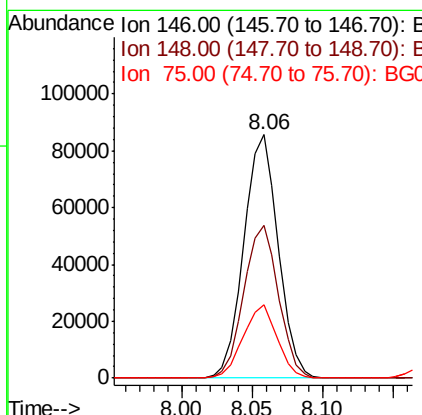
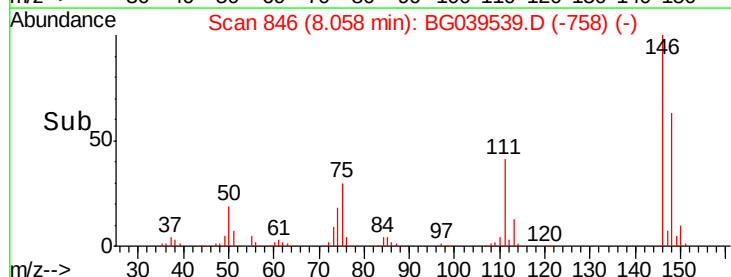
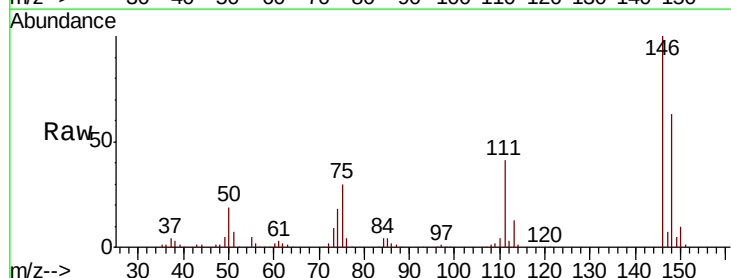
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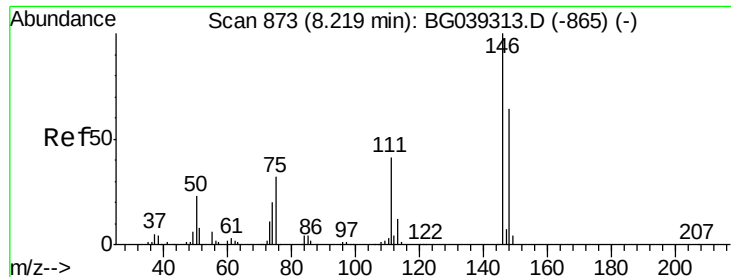
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#12
1,3-Dichlorobenzene
Concen: 39.848 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:	146	Resp:	146279
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.6	79.0
75	29.9	25.8	38.6





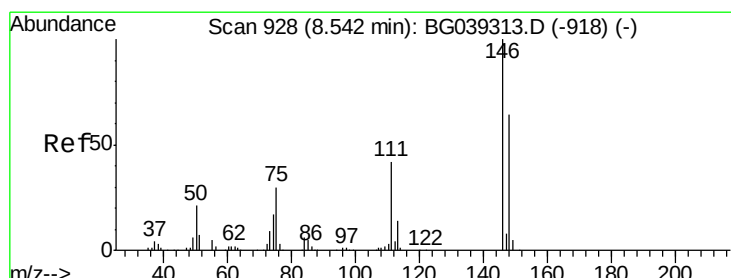
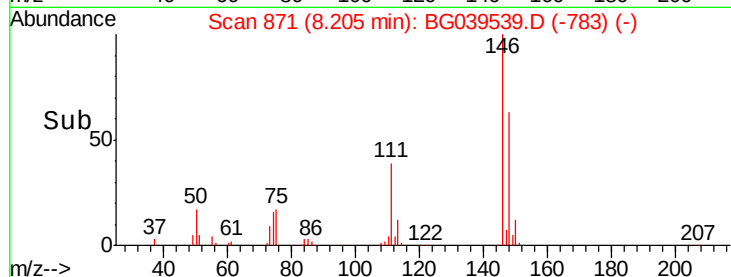
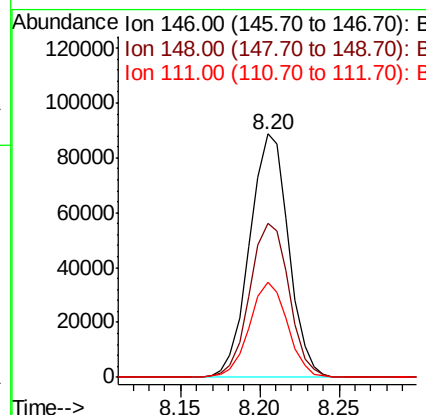
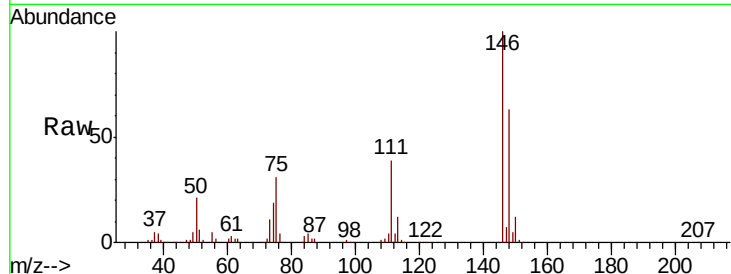
#13
1,4-Dichlorobenzene
Concen: 41.338 ng
RT: 8.20 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	39.1	32.6	48.8

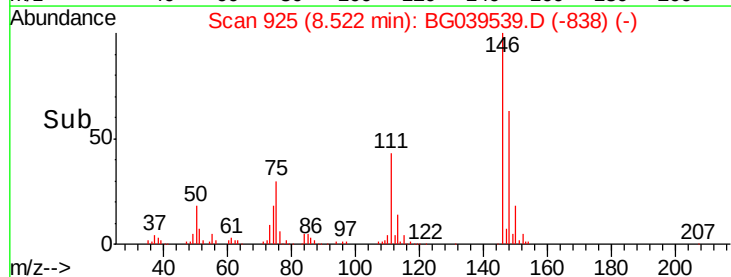
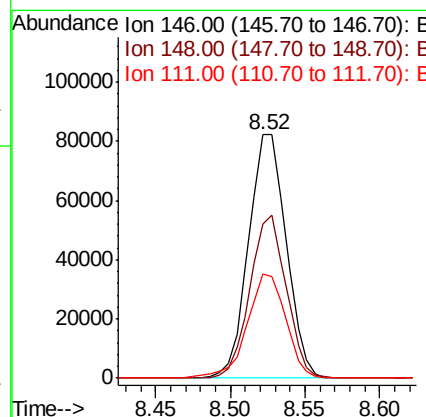
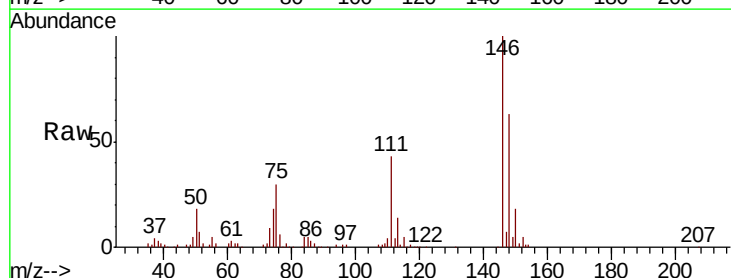
Manual Integrations
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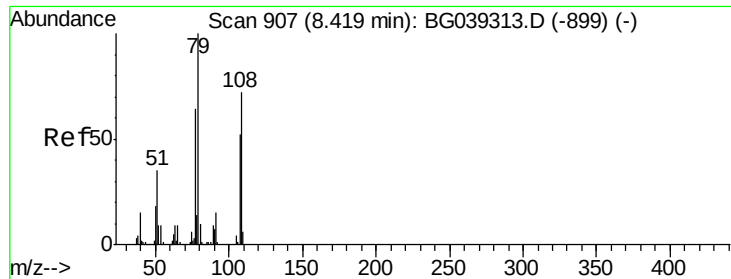
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.535 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	42.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.940 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

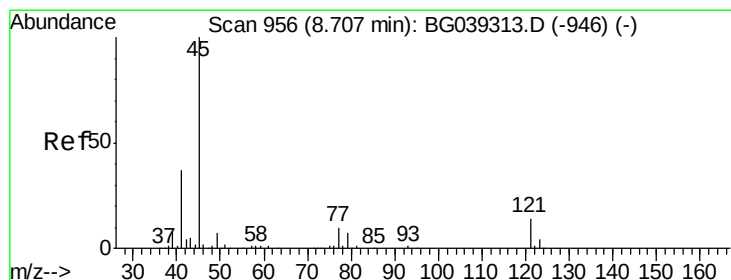
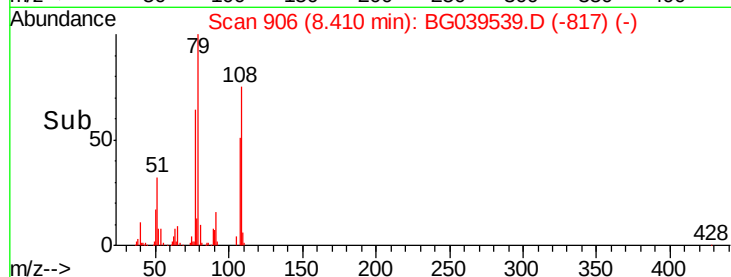
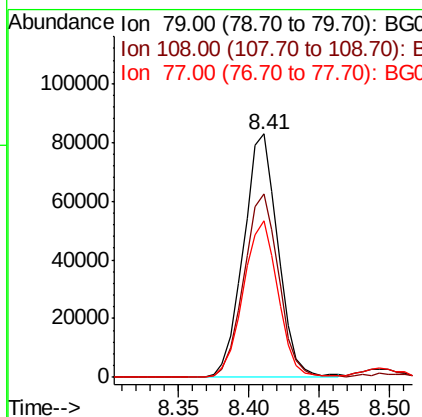
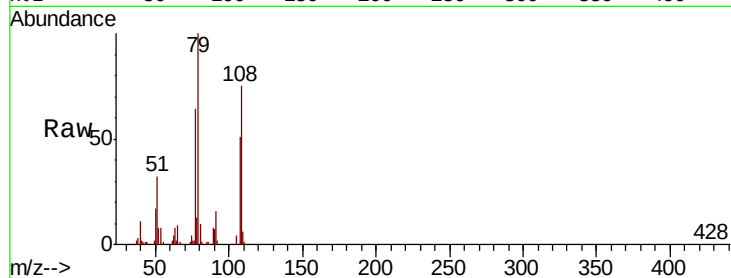
ClientSampled :

PB117160BS

Tot Ion:	79	Resp:	140765
Ion Ratio	Lower	Upper	
79	100		
108	75.2	57.8	86.6
77	64.5	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.412 ng

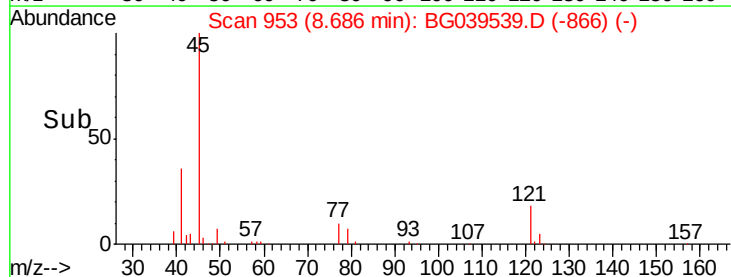
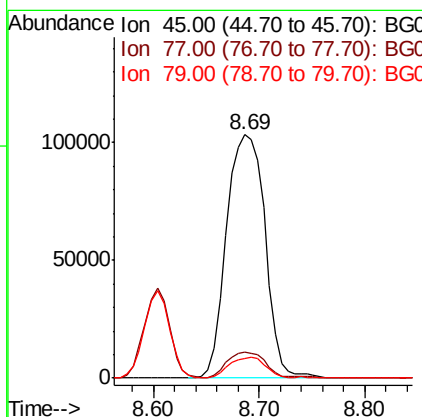
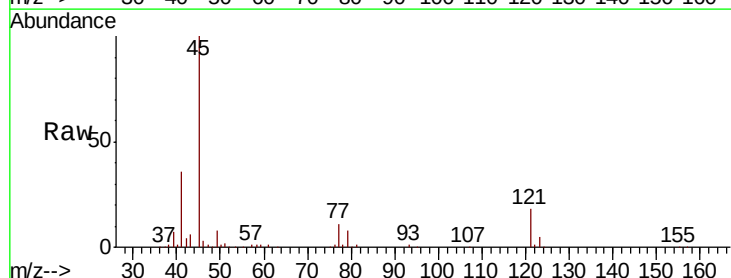
RT: 8.69 min Scan# 953

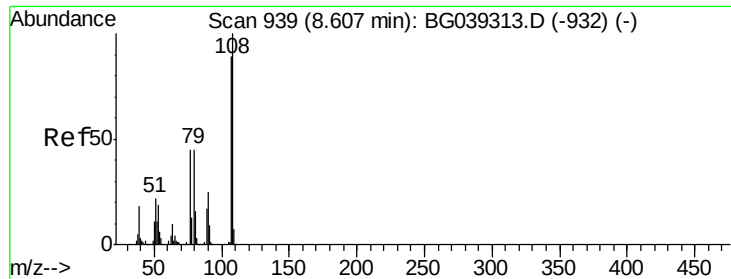
Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	45	Resp:	261197
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.0
79	7.9	0.0	27.5





#17

2-Methylphenol

Concen: 48.381 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

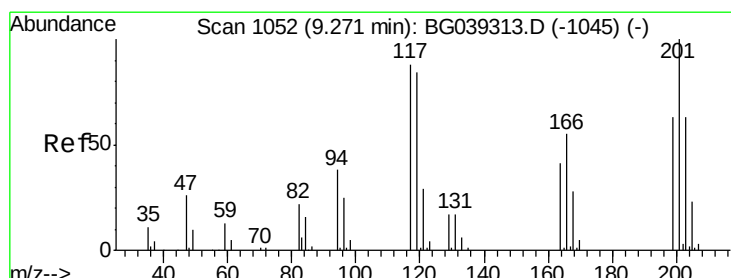
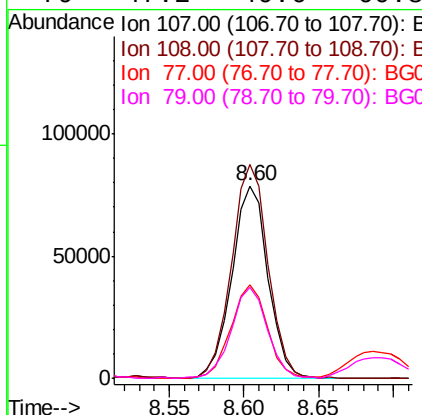
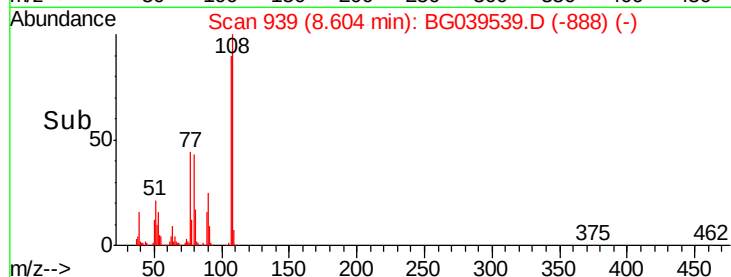
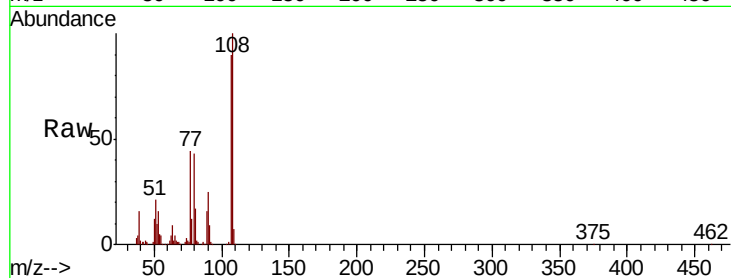
ClientSampled :

PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	90.8	136.2	
77	48.8	40.7	61.1	
79	47.2	40.6	60.8	

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#18

Hexachloroethane

Concen: 41.934 ng

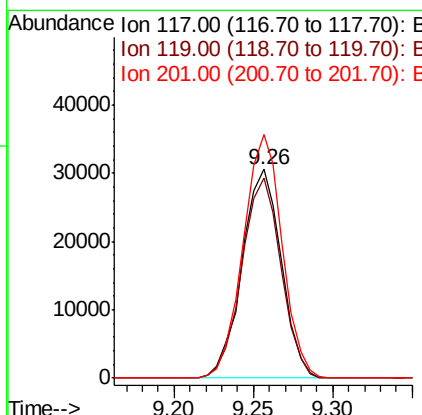
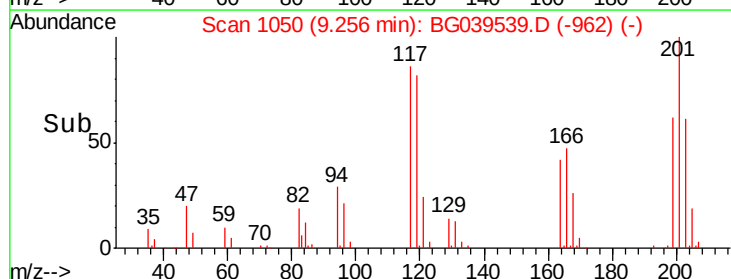
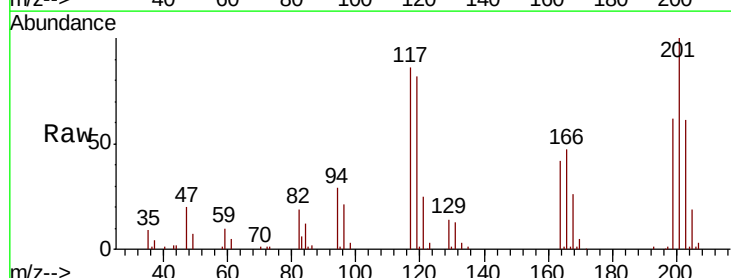
RT: 9.26 min Scan# 1050

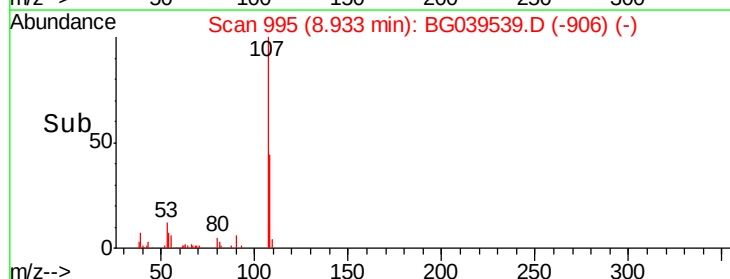
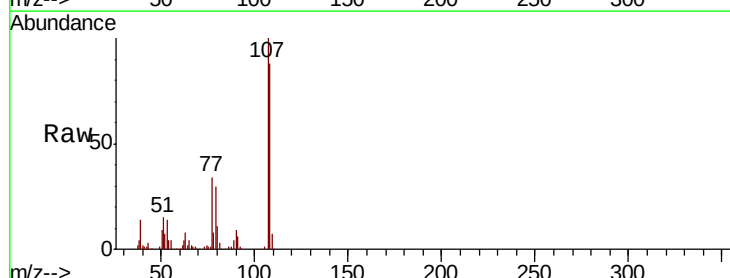
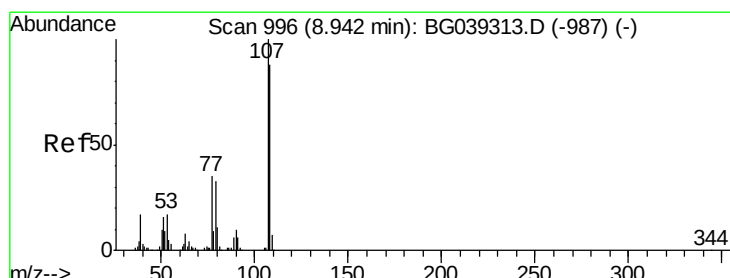
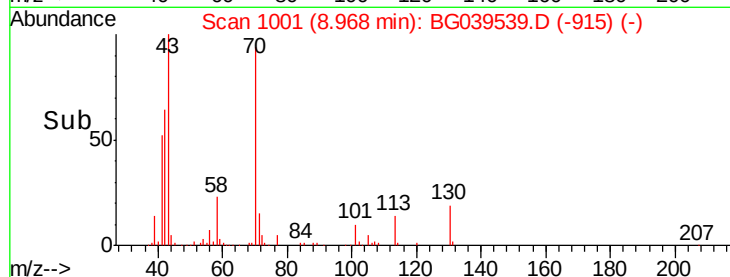
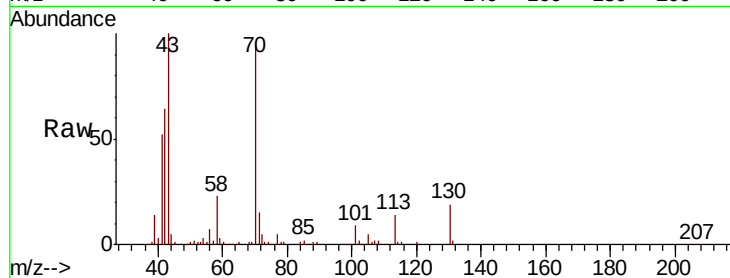
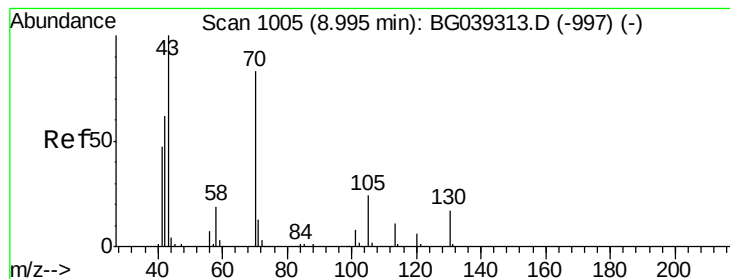
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.3	114.5	
201	116.7	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.074 ng

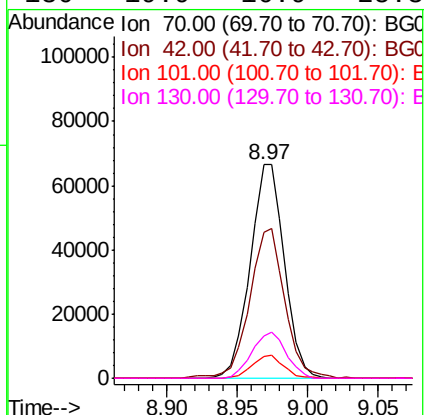
RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.4	60.4	90.6	
101	10.1	7.5	11.3	
130	19.9	16.9	25.3	



Instrument :

BNA_G

ClientSampleId :

PB117160BS

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#20

3+4-Methylphenols

Concen: 49.505 ng

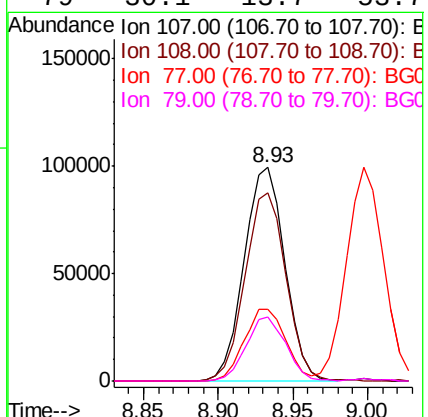
RT: 8.93 min Scan# 995

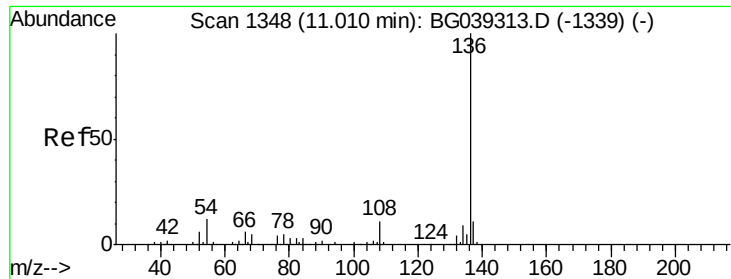
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.9	107.9	
77	33.7	15.4	55.4	
79	30.1	13.7	53.7	





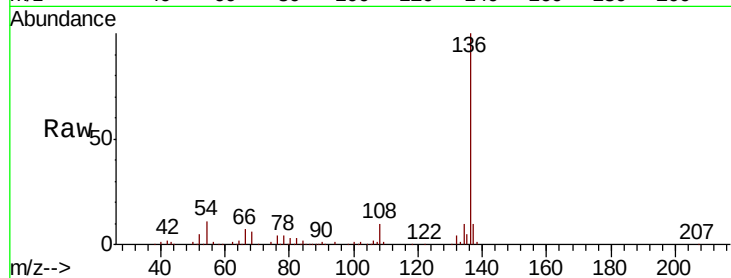
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	220428		
137	10.0		9.1	13.7
54	10.8		9.4	14.2
68	6.3		4.2	6.4

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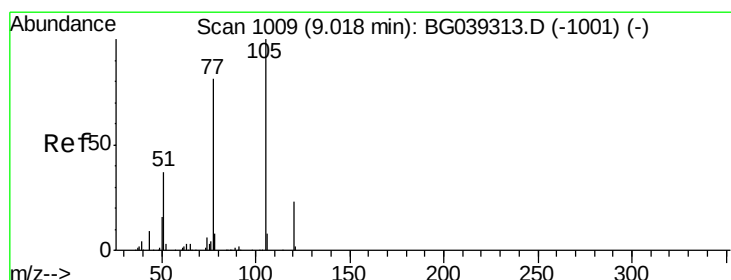
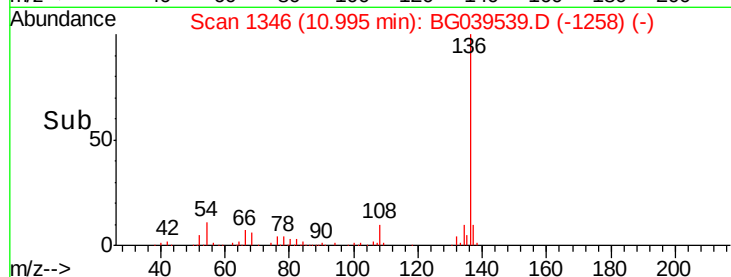
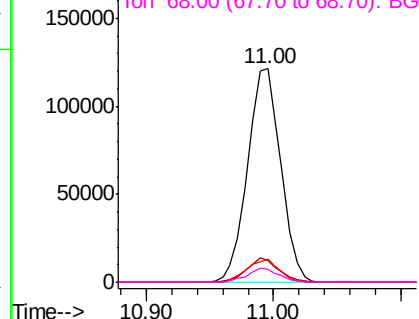
Abundance

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: 37.045 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219343		
71	0.6		0.8	1.2#
51	33.0		30.2	45.2
120	24.5		18.0	27.0

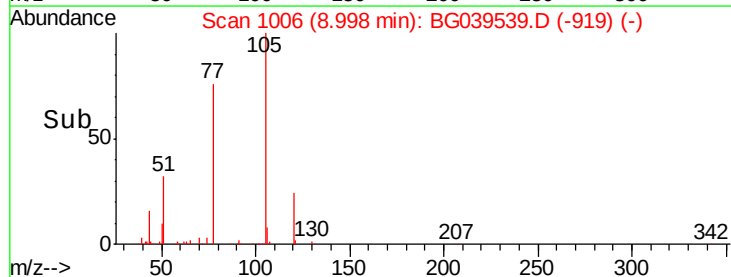
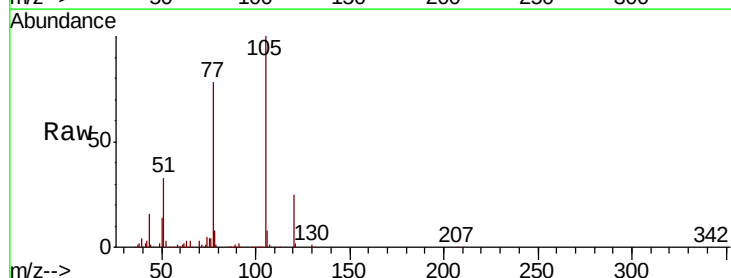
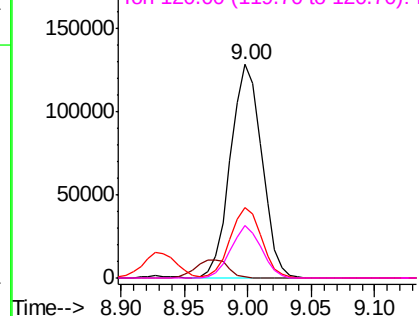
Abundance

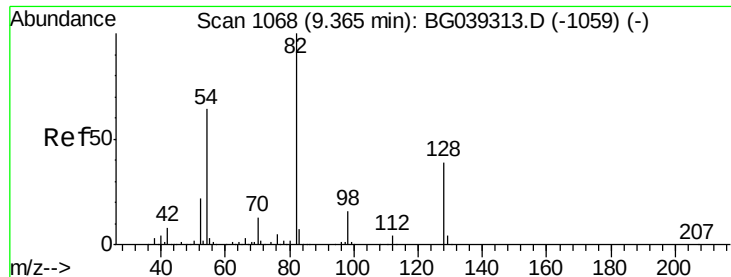
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.568 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

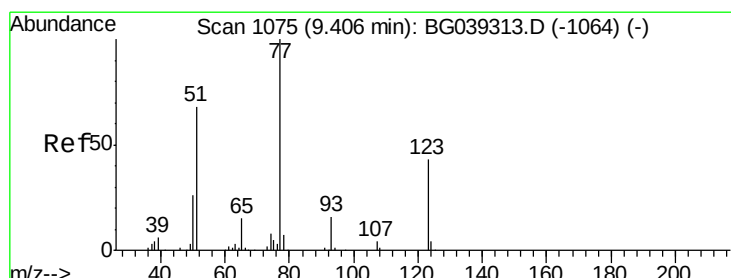
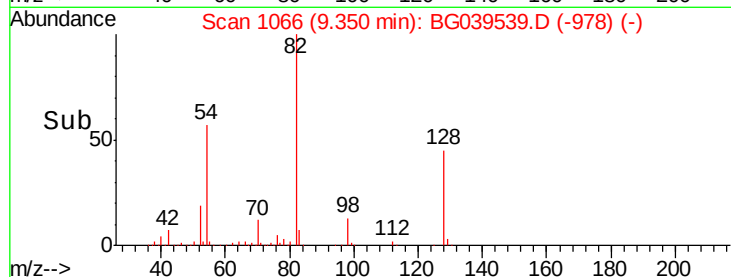
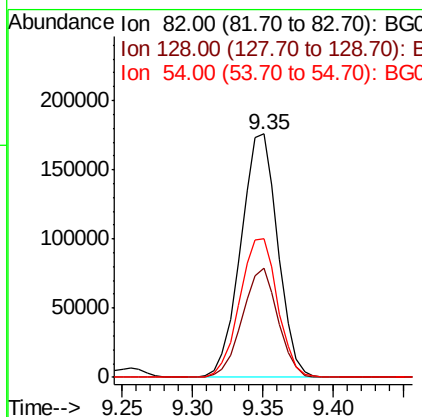
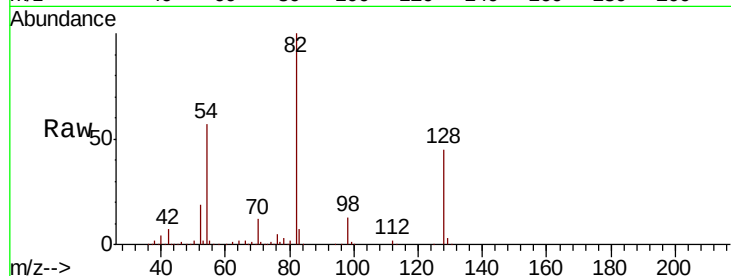
ClientSampleId :

PB117160BS

Tot Ion:	82	Resp:	323093
Ion Ratio	Lower	Upper	
82	100		
128	44.9	31.3	46.9
54	57.1	50.9	76.3

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#24

Nitrobenzene

Concen: 44.867 ng

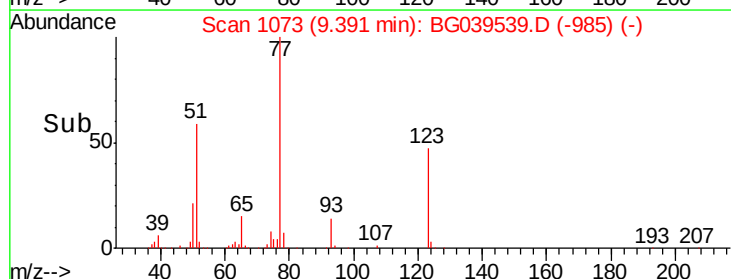
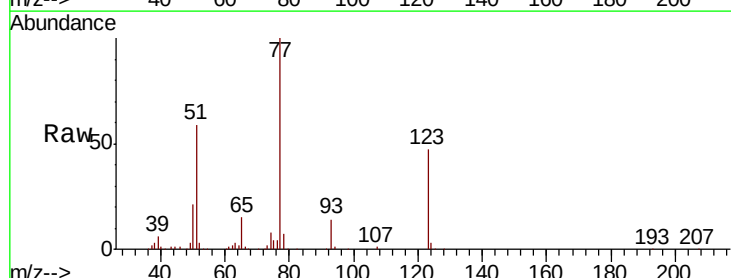
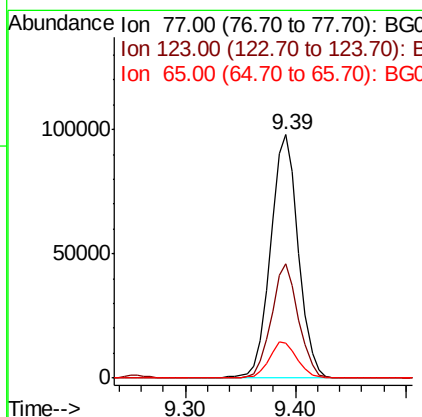
RT: 9.39 min Scan# 1073

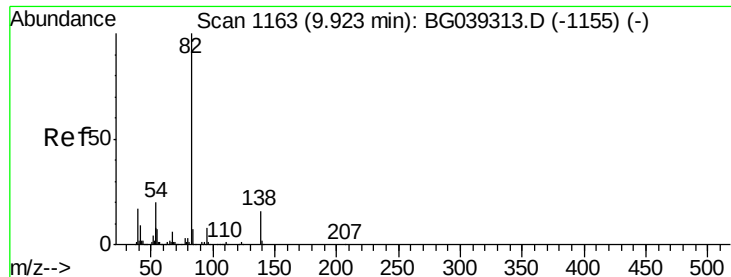
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	77	Resp:	171027
Ion Ratio	Lower	Upper	
77	100		
123	46.9	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 41.304 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

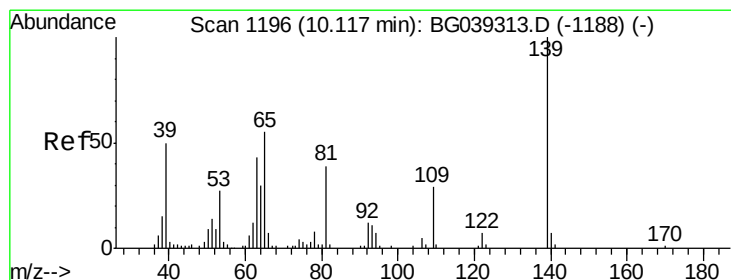
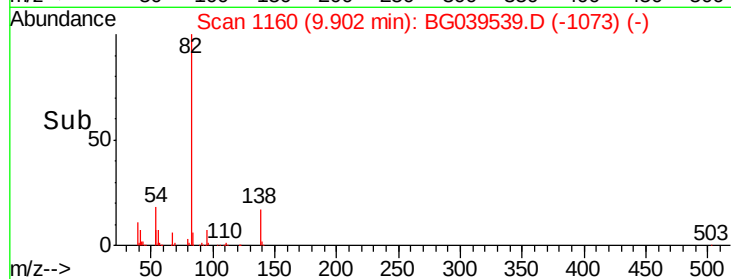
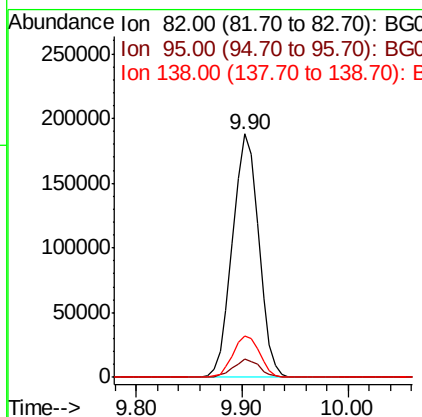
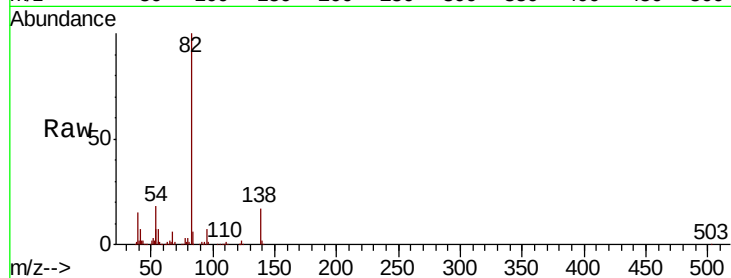
ClientSampleId :

PB117160BS

Tot Ion:	82	Resp:	322956
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	17.1	13.0	19.4

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#26

2-Nitrophenol

Concen: 53.417 ng

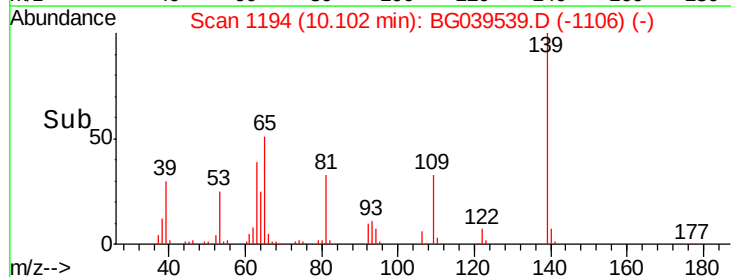
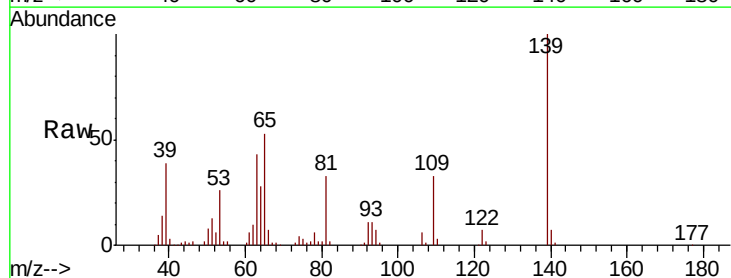
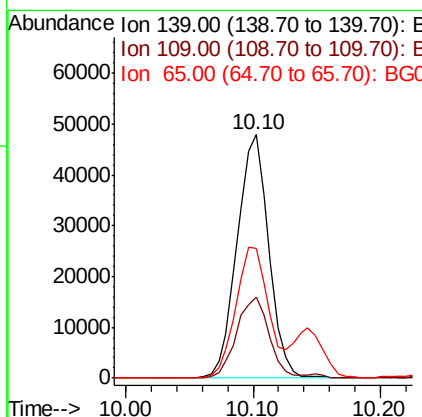
RT: 10.10 min Scan# 1194

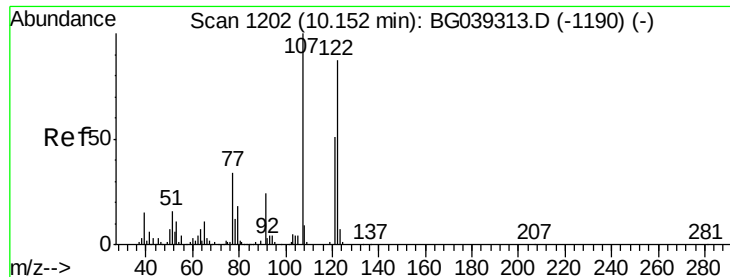
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	139	Resp:	82682
Ion Ratio	Lower	Upper	
139	100		
109	33.4	23.4	35.0
65	53.4	44.3	66.5





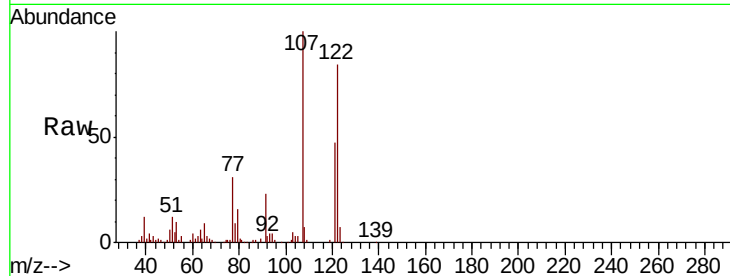
#27
2,4-Dimethylphenol
Concen: 49.585 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampled :
PB117160BS

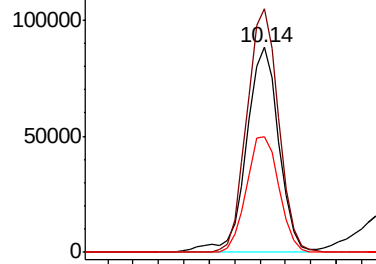
Tot Ion	Ratio	Resp	Lower	Upper
122	100	156838		
107	119.0	91.7	137.5	
121	56.5	46.4	69.6	

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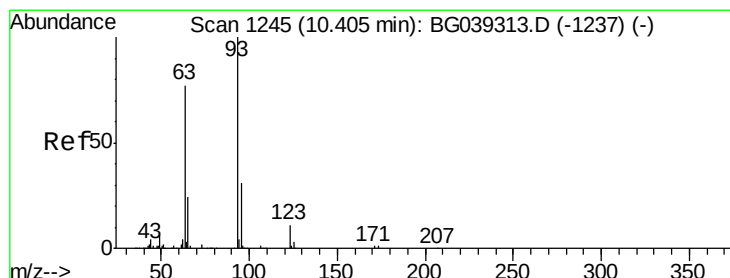
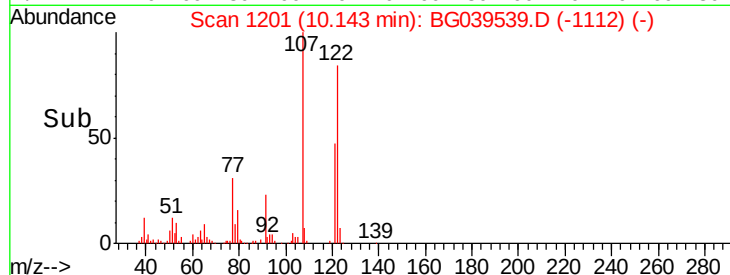
Sohil
2/19/2019 9:57:12 AM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

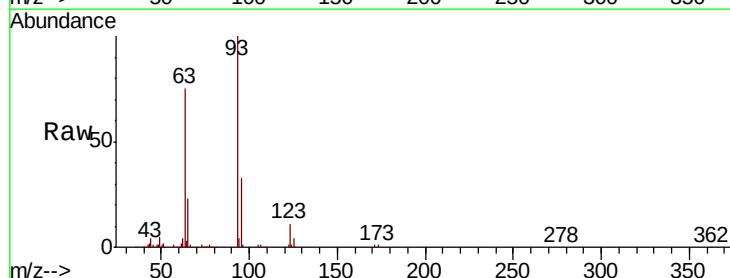


Time-->

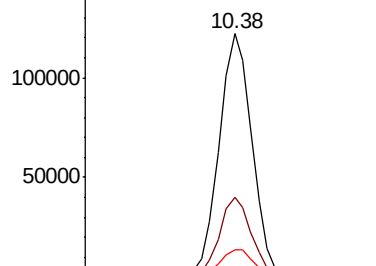


#28
bis(2-Chloroethoxy)methane
Concen: 41.625 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

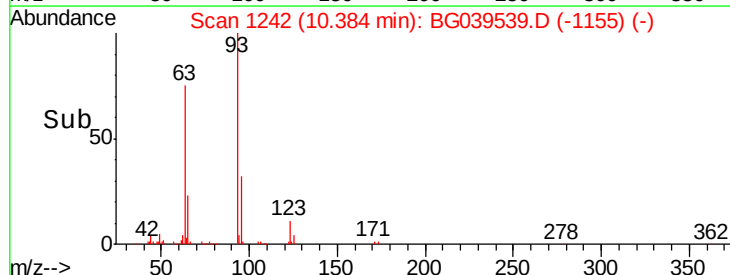
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200468		
95	32.7	25.0	37.4	
123	11.4	8.6	12.8	

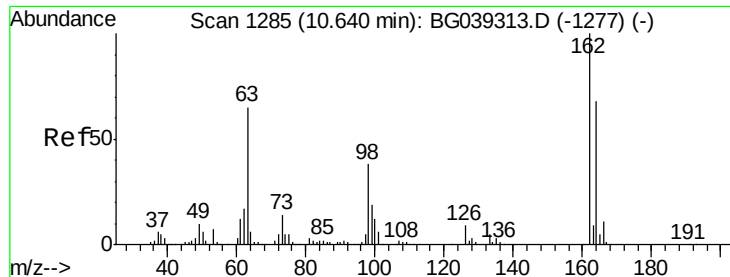


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E



Time-->





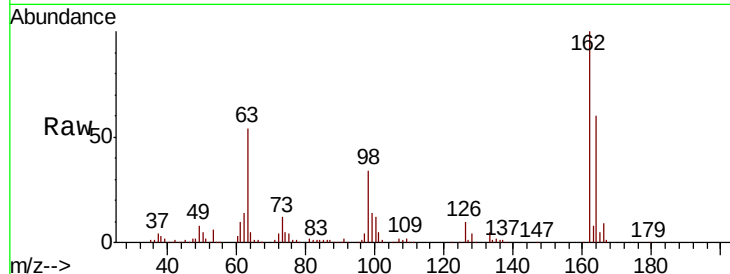
#29
2,4-Dichlorophenol
Concen: 50.143 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	173341		
164	60.2	48.1	88.1	
98	33.8	18.1	58.1	

Manual Integrations
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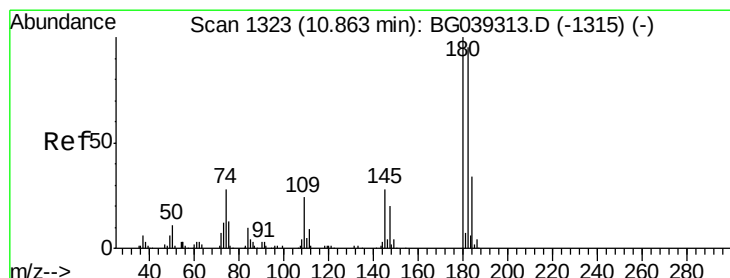
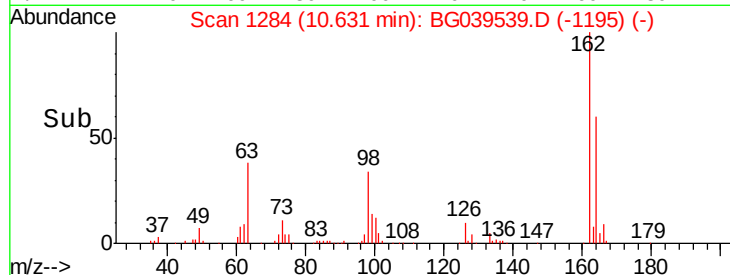
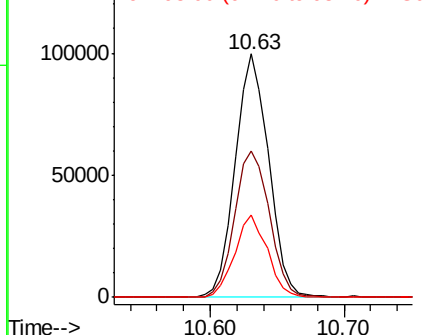


Abundance

Ion 162.00 (161.70 to 162.70): E

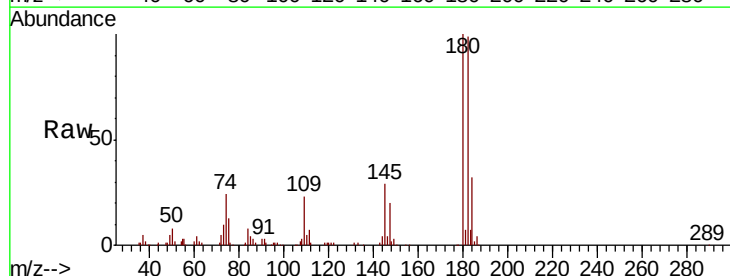
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.881 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158664		
182	99.4	76.0	114.0	
145	28.9	22.7	34.1	

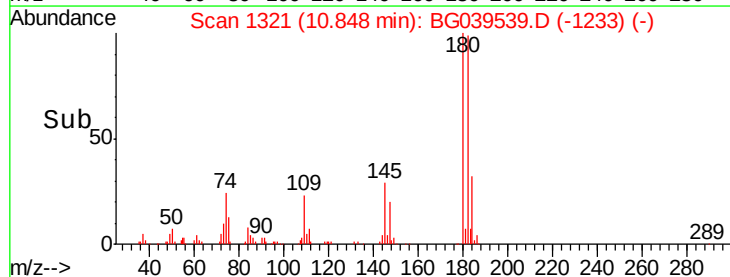
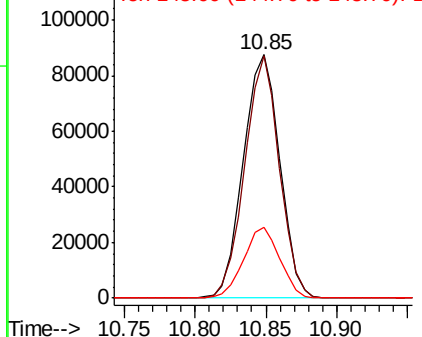


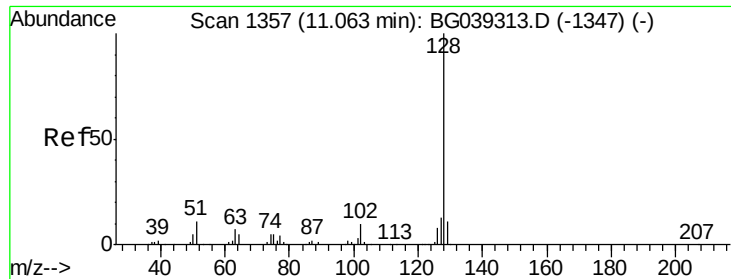
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





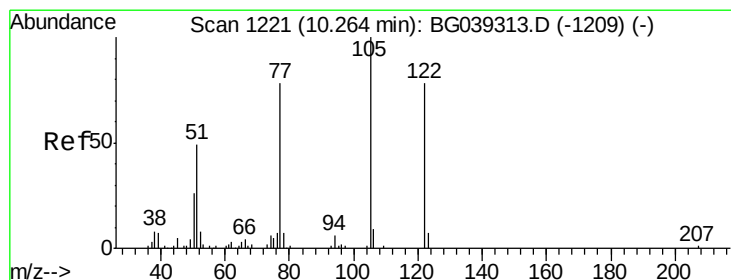
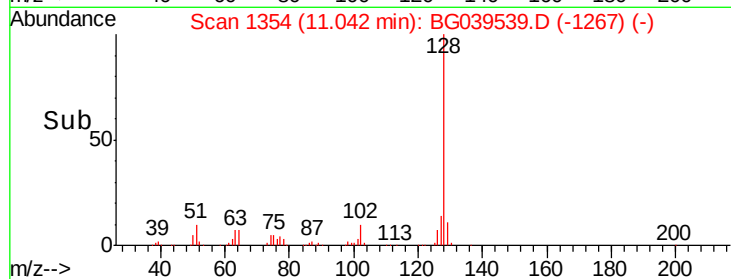
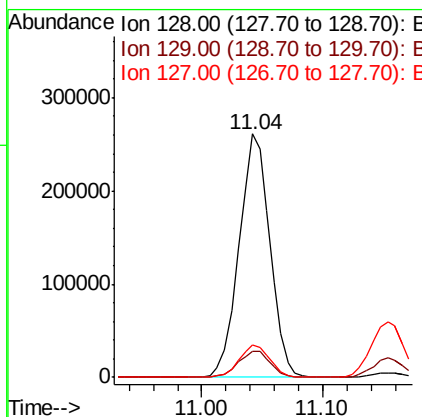
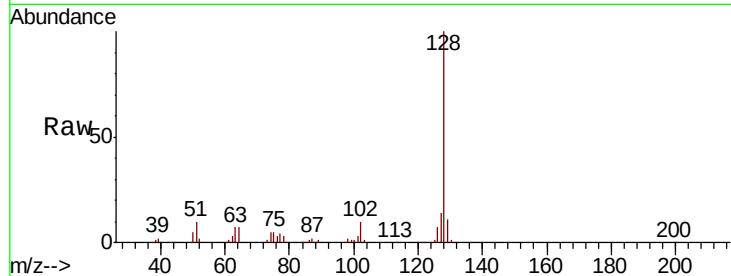
#31
Naphthalene
Concen: 42.467 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	464387		
129	10.7		8.7	13.1
127	13.5		10.8	16.2

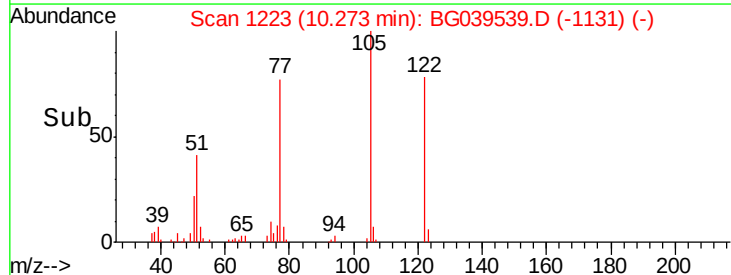
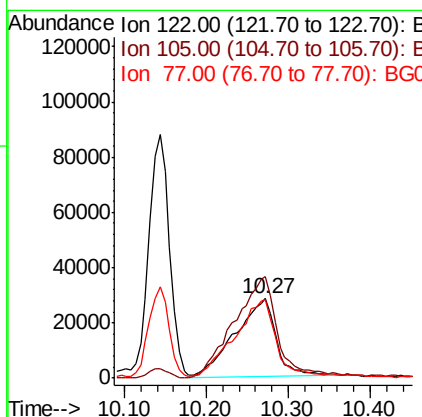
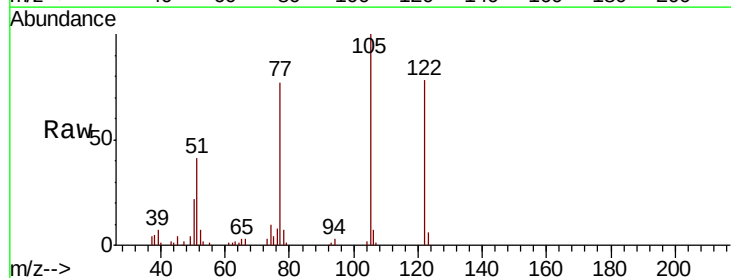
Manual Integrations
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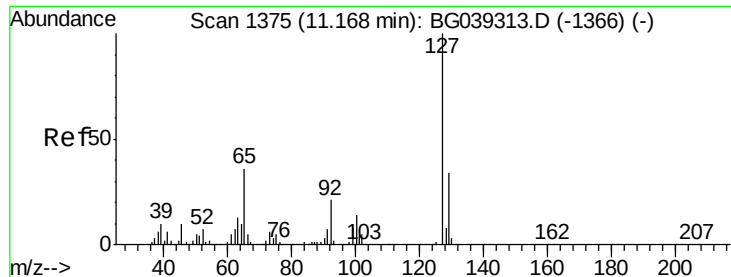
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#32
Benzoic acid
Concen: 47.614 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98432		
105	128.0		101.8	141.8
77	99.1		76.3	116.3





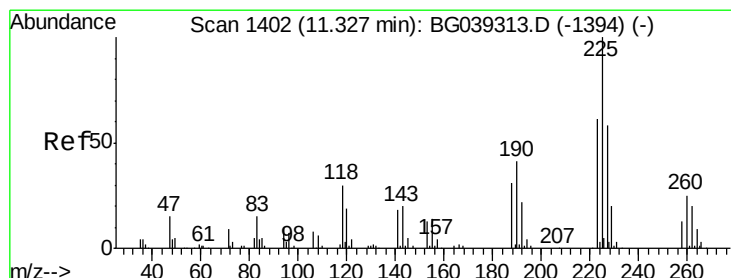
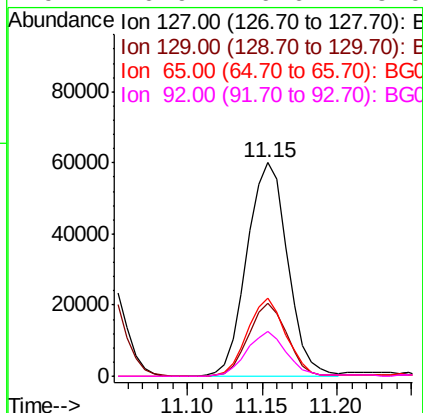
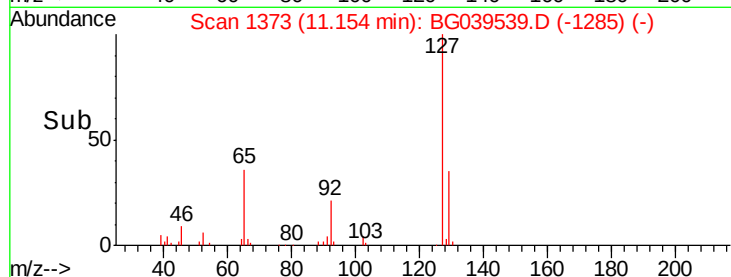
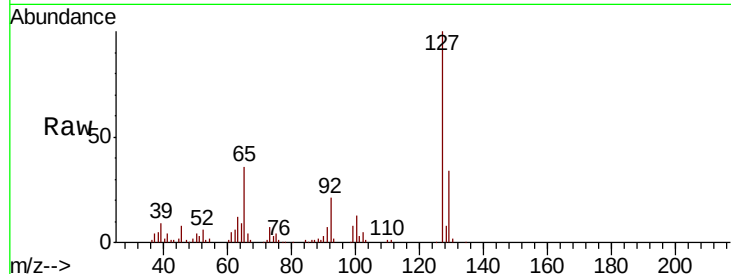
#33
4-Chloroaniline
Concen: 22.319 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.3	27.0	40.4	
65	36.4	28.8	43.2	
92	20.9	16.6	25.0	

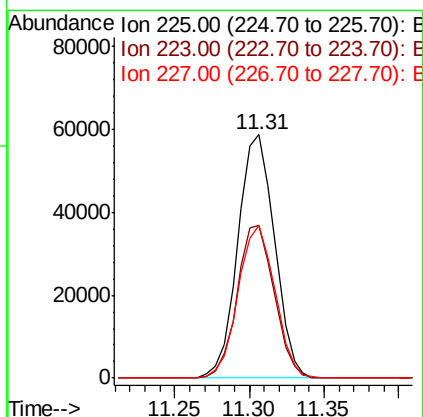
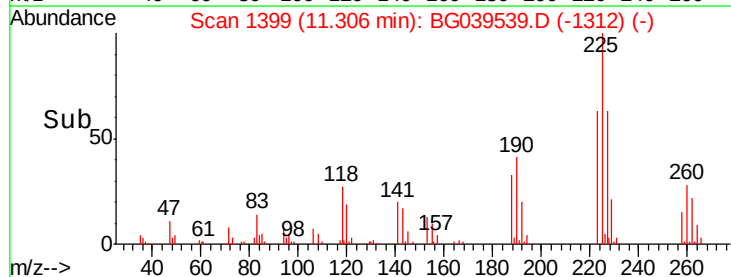
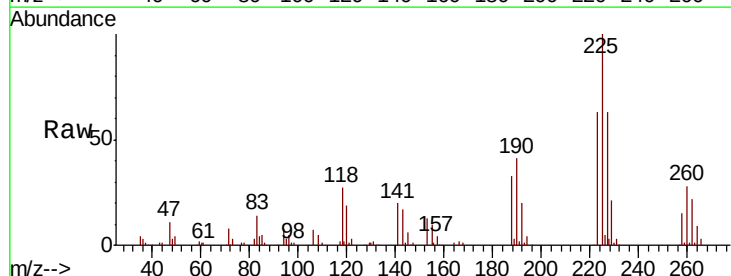
Manual Integrations
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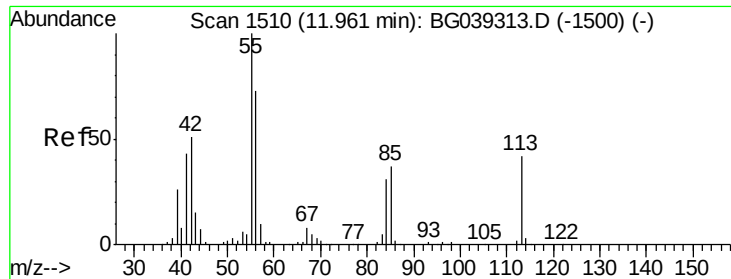
Sohil
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#34
Hexachlorobutadiene
Concen: 38.708 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	49.0	73.6	
227	62.6	46.3	69.5	





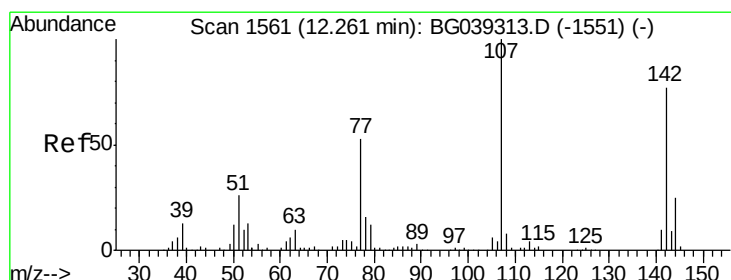
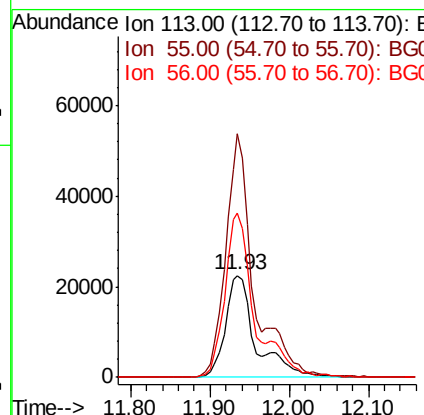
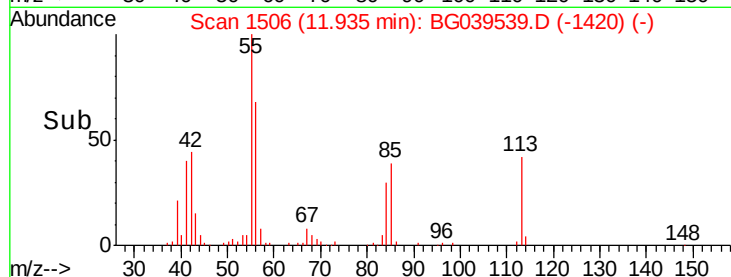
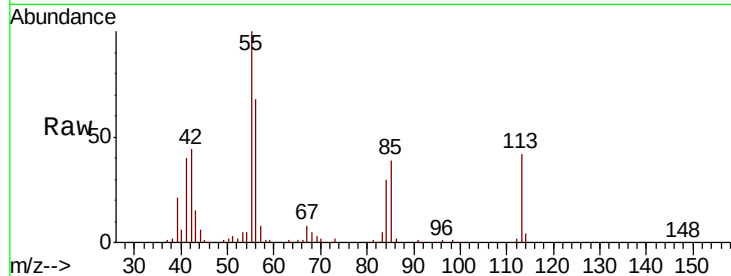
#35
 Caprolactam
 Concen: 41.893 ng/ml
 RT: 11.93 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.8	216.9	256.9
56	161.5	152.6	192.6

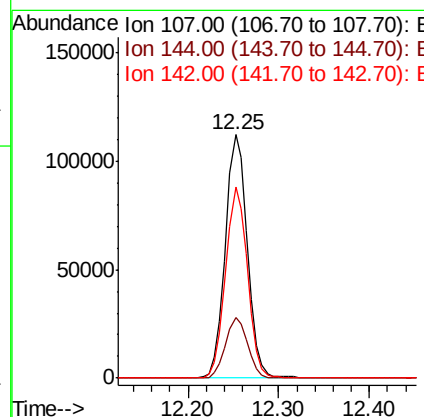
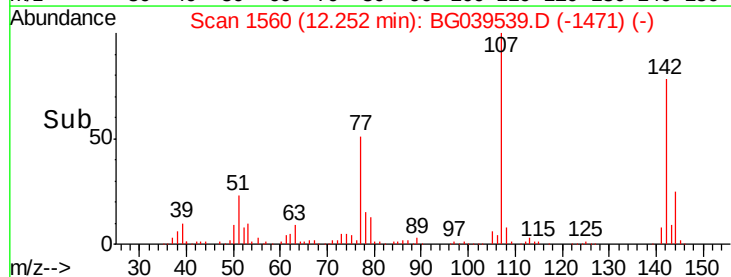
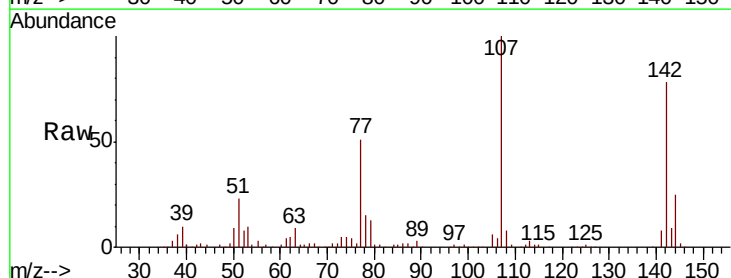
Manual Integrations
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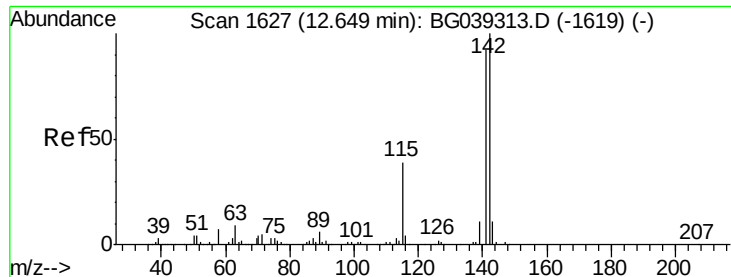
Sohil
 2/19/2019 9:57:12 AM



#36
 4-Chloro-3-methylphenol
 Concen: 47.068 ng/ml
 RT: 12.25 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.2	30.2
142	78.3	61.4	92.2





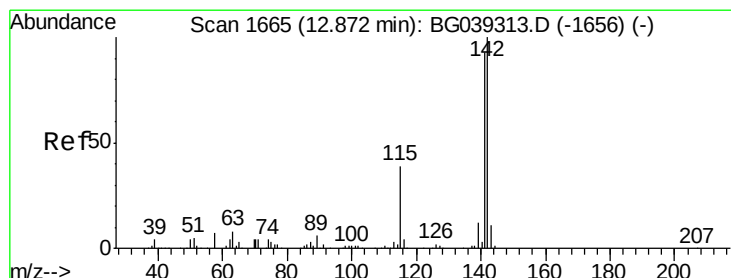
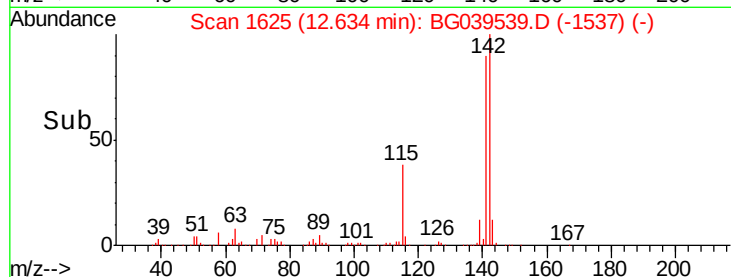
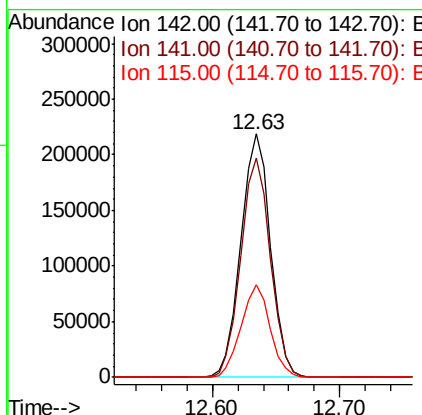
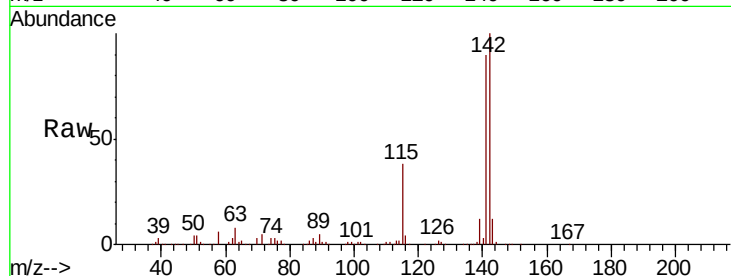
#37
2-Methylnaphthalene
Concen: 43.699 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.5	110.3
115	38.0	30.8	46.2

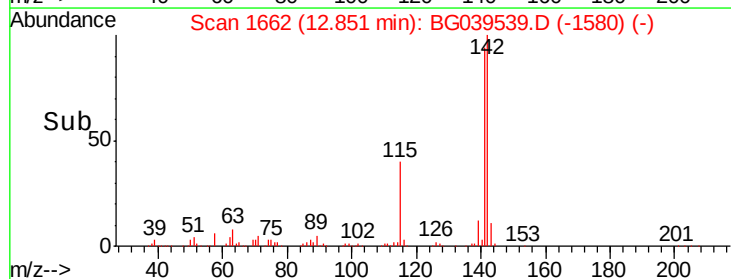
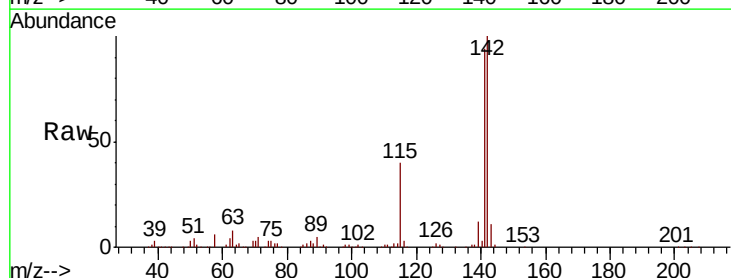
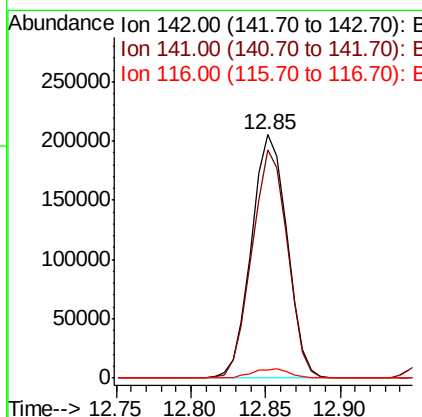
Manual Integrations
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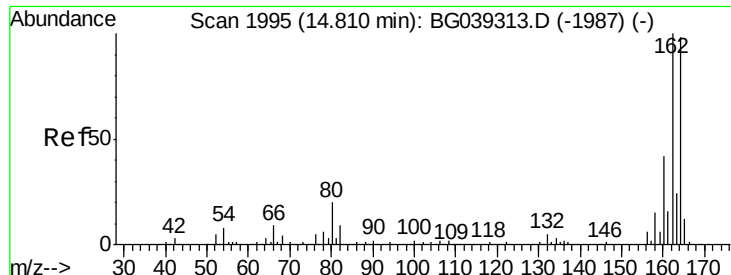
Sohil
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#38
1-Methylnaphthalene
Concen: 43.435 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

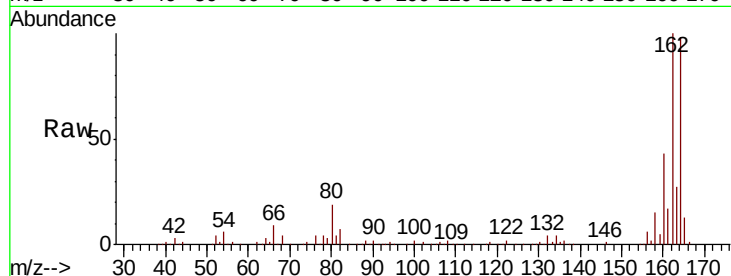
ClientSampled :

PB117160BS

Tot Ion:	164	Resp:	156541
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.6	122.4
160	43.5	34.2	51.2

Manual Integrations
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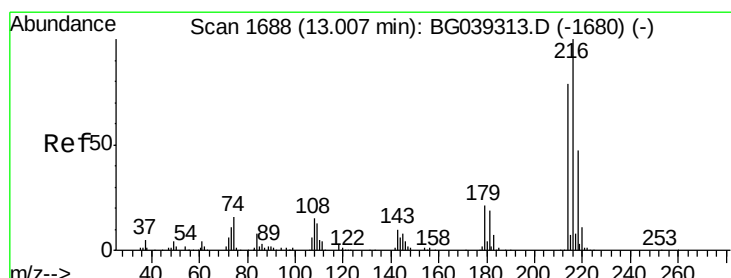
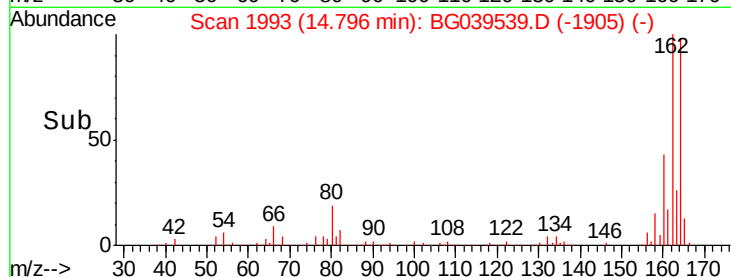
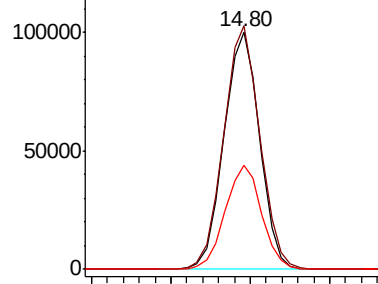


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.589 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	216	Resp:	197179
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.6	94.0
179	20.7	16.6	25.0
108	17.7	14.0	21.0

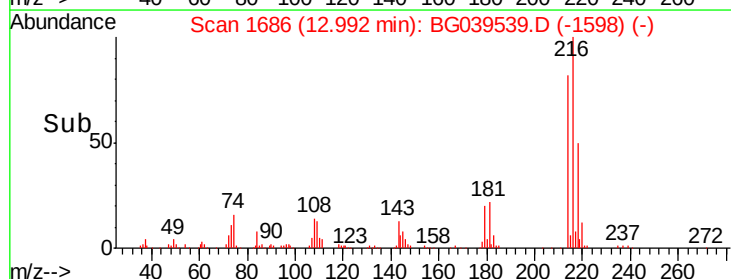
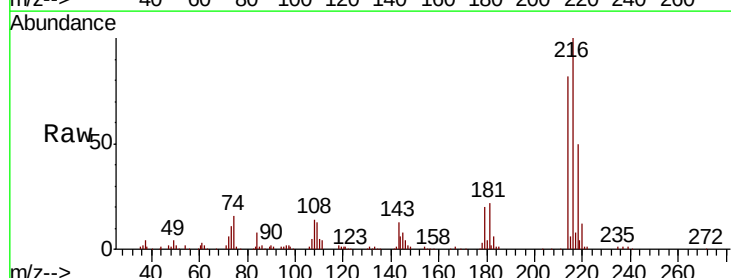
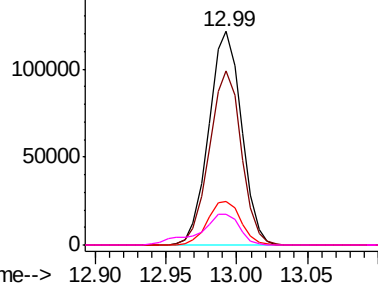
Abundance

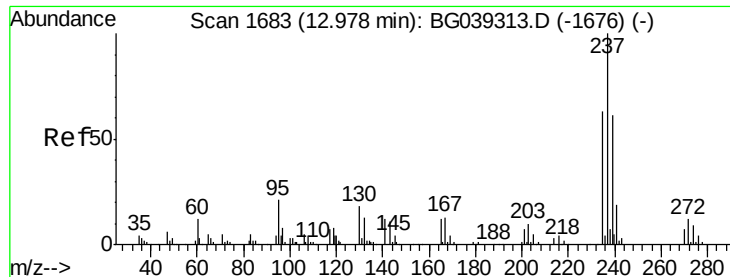
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.005 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

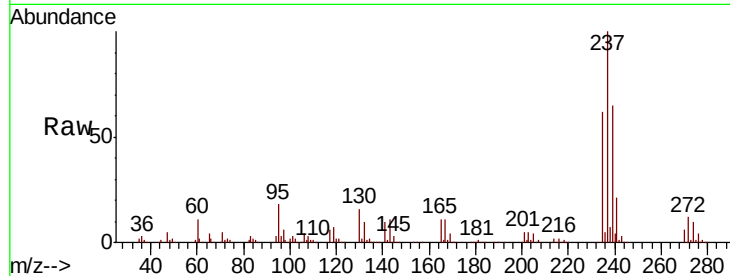
ClientSampleId :

PB117160BS

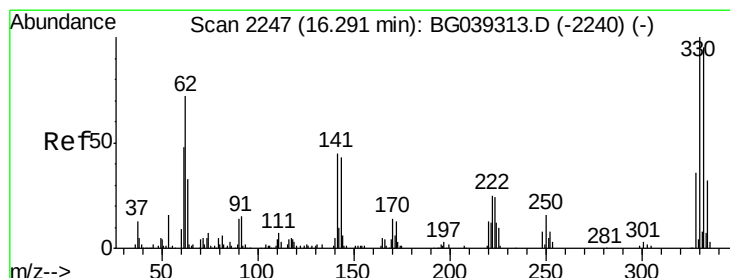
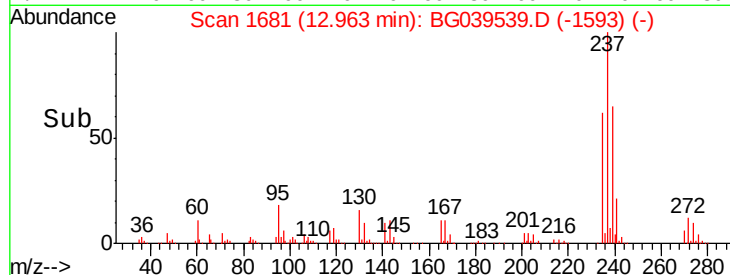
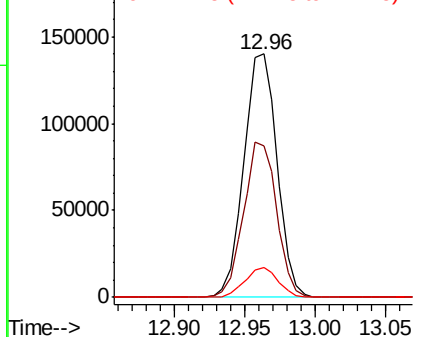
Tot Ion:	237	Resp:	230708
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.3	83.3
272	12.2	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 166.747 ng

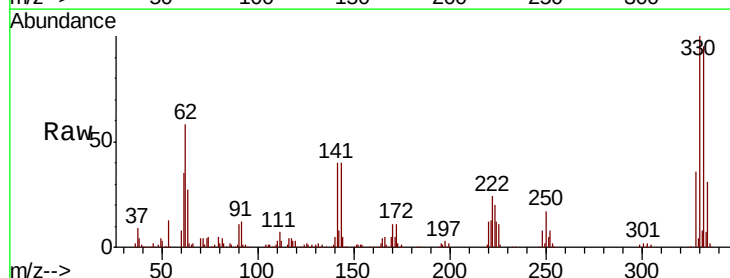
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

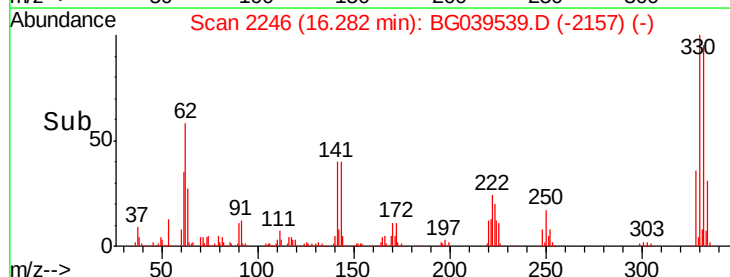
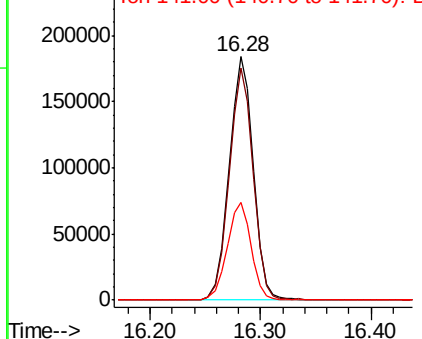
Lab File: BG039539.D

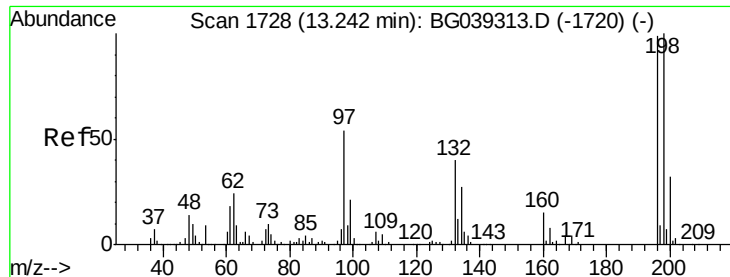
Acq: 18 Feb 2019 14:50

Tgt Ion:	330	Resp:	281081
Ion Ratio	Lower	Upper	
330	100		
332	94.7	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





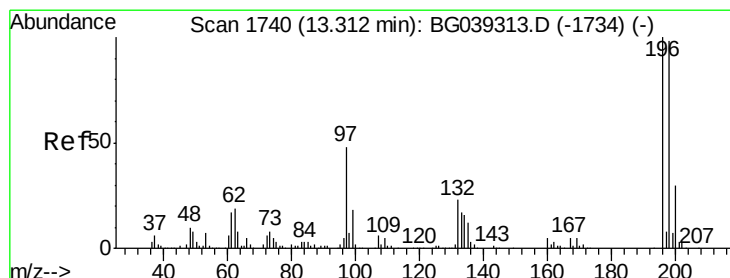
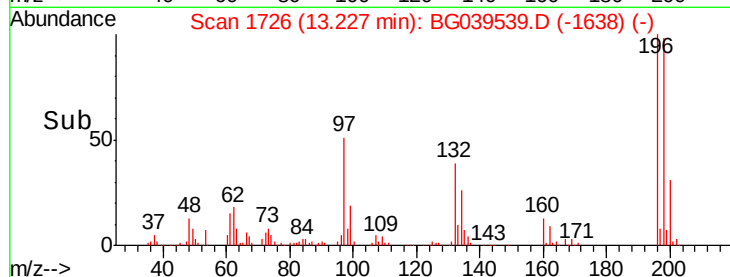
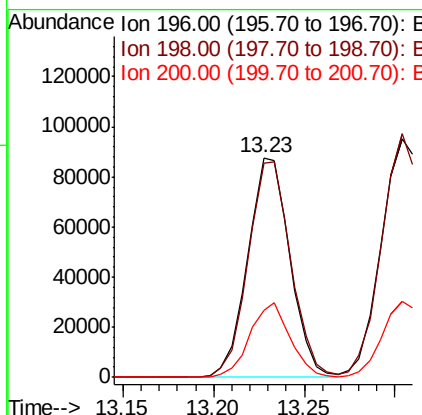
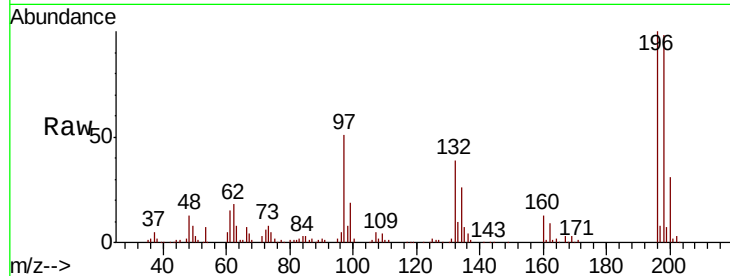
#43
 2,4,6-Trichlorophenol
 Concen: 46.615 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142753		
198	97.8	80.6	121.0	
200	30.6	26.1	39.1	

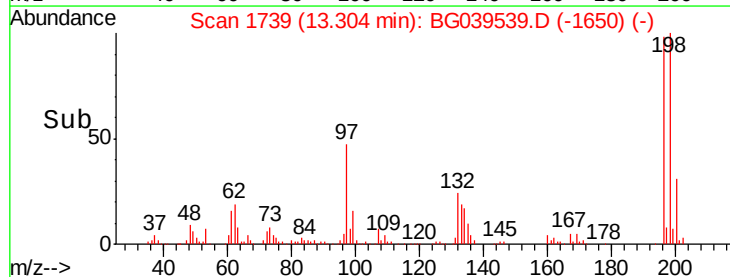
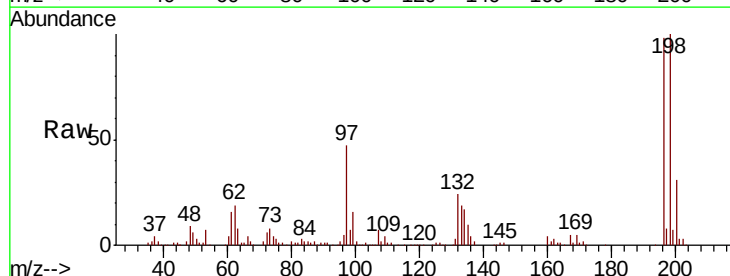
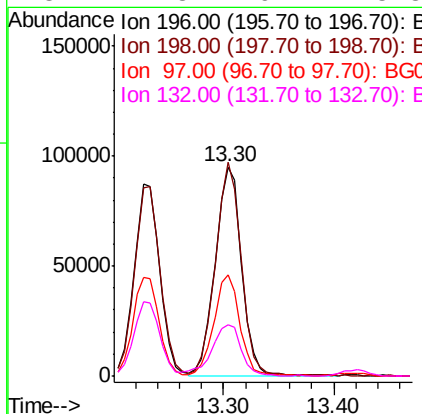
Manual Integrations
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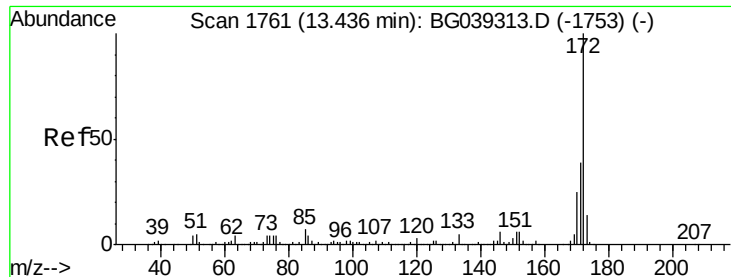
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 48.934 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157059		
198	102.1	78.5	117.7	
97	48.4	38.4	57.6	
132	24.8	19.2	28.8	





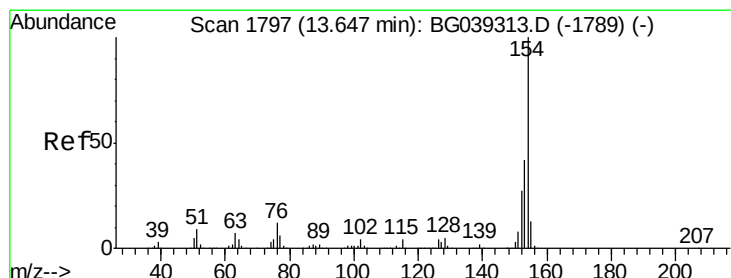
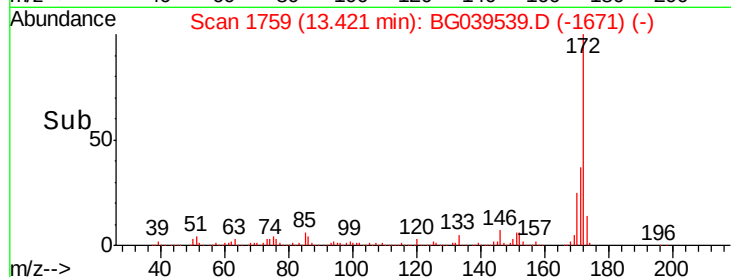
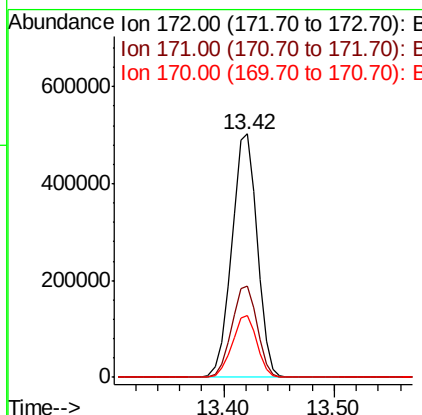
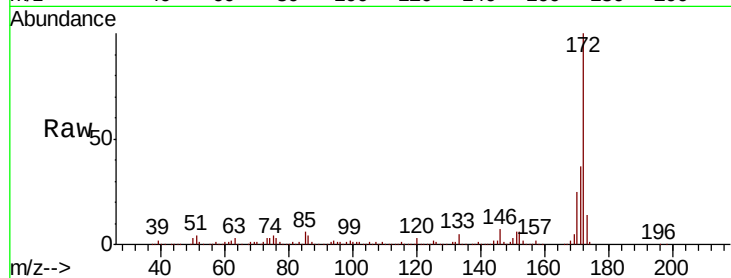
#45
2-Fluorobiphenyl
Concen: 74.335 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.4	20.2	30.4

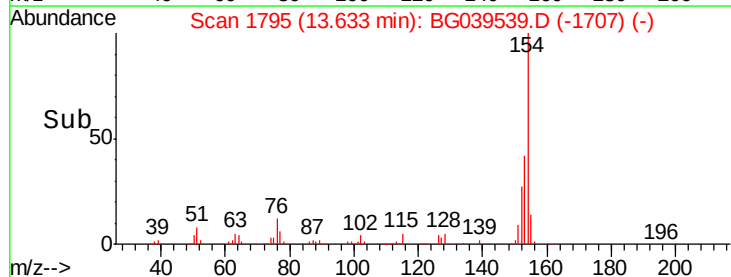
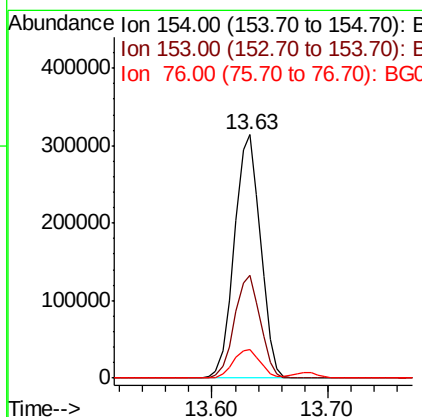
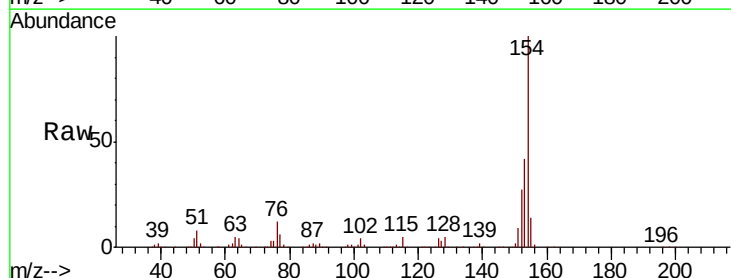
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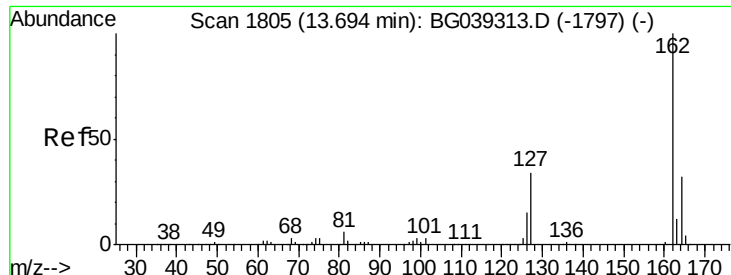
Sohil
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#46
1,1'-Biphenyl
Concen: 37.701 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	11.8	0.0	32.4





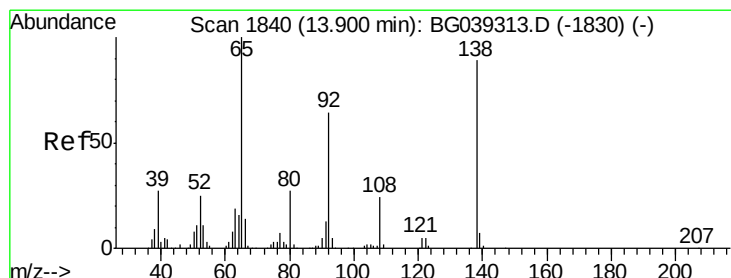
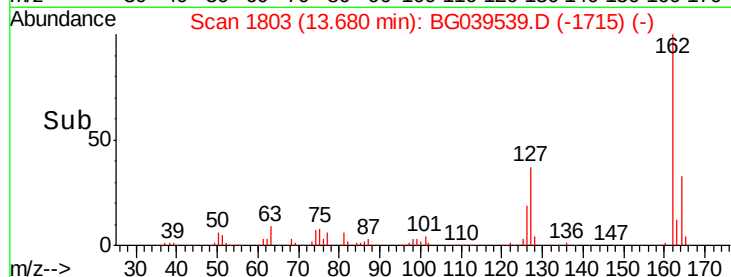
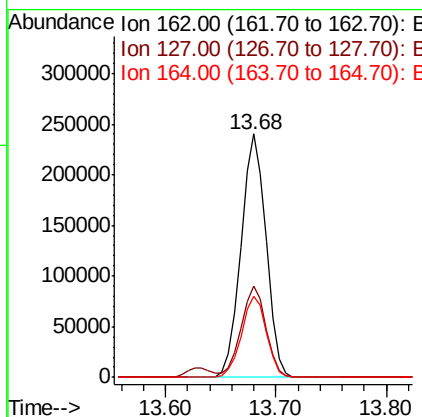
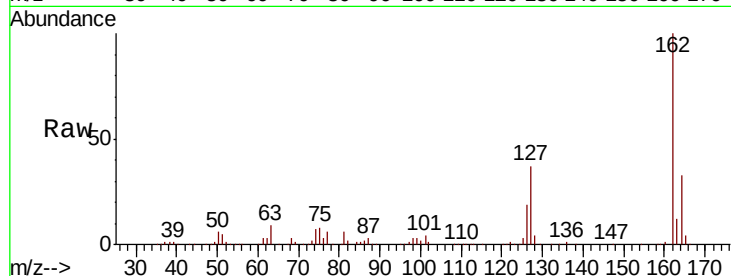
#47
 2-Chloronaphthalene
 Concen: 39.120 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.6
164	33.5	25.7	38.5

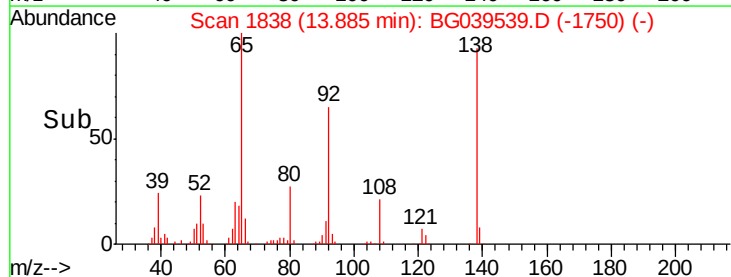
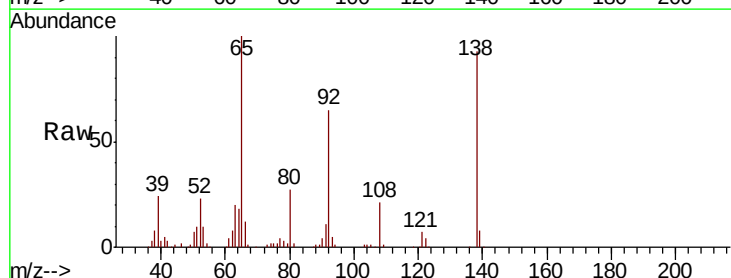
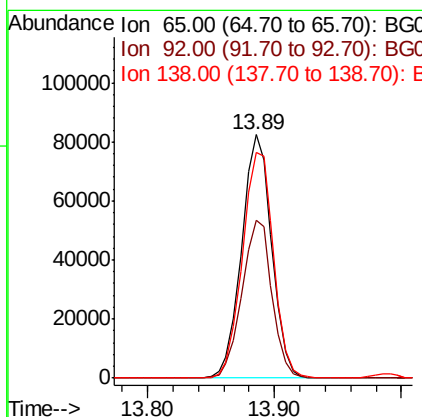
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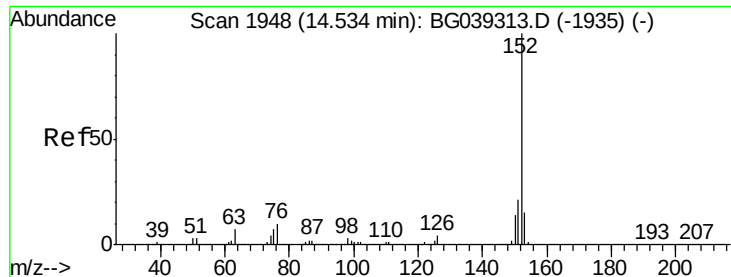
Sohil
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#48
 2-Nitroaniline
 Concen: 47.959 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.4	77.2
138	92.9	71.4	107.2





#49

Acenaphthylene

Concen: 41.839 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

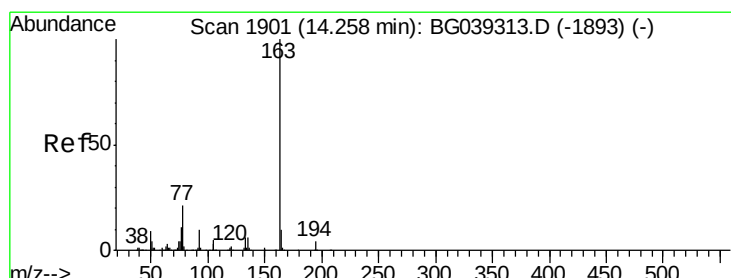
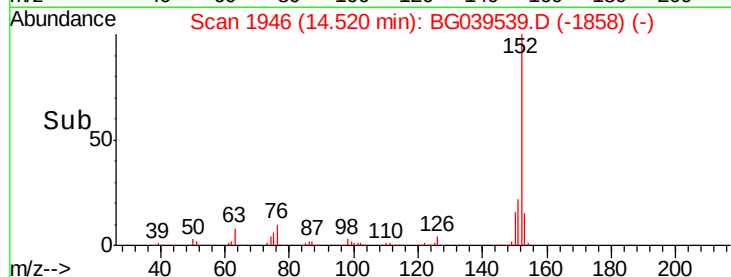
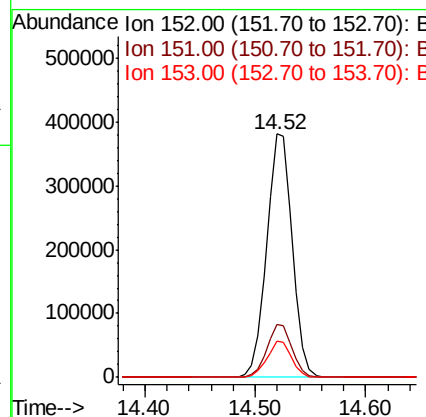
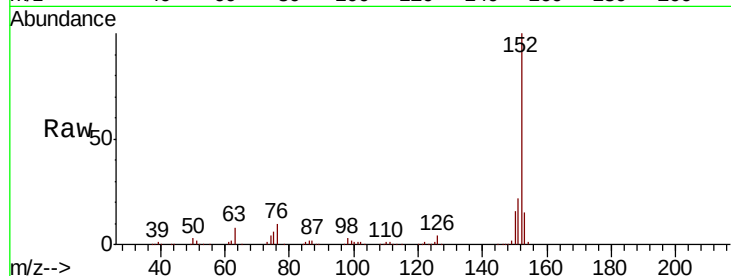
ClientSampleId :

PB117160BS

Tot Ion:	152	Resp:	618575
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	15.0	11.7	17.5

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#50

Dimethylphthalate

Concen: 40.845 ng

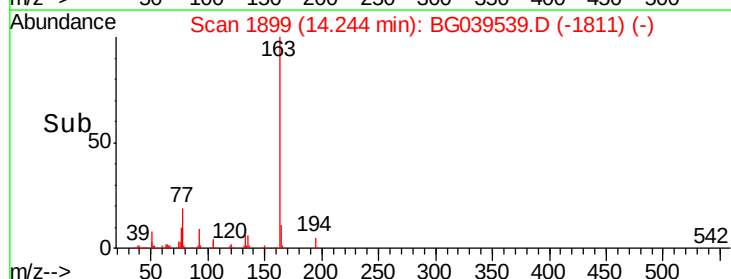
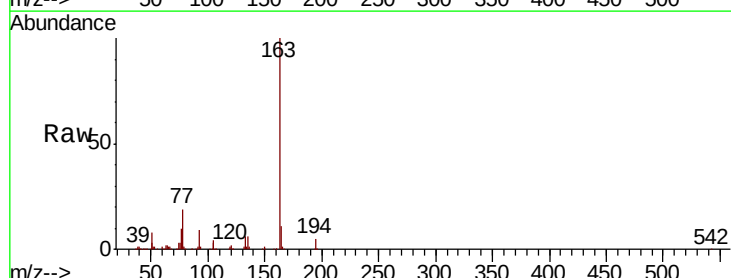
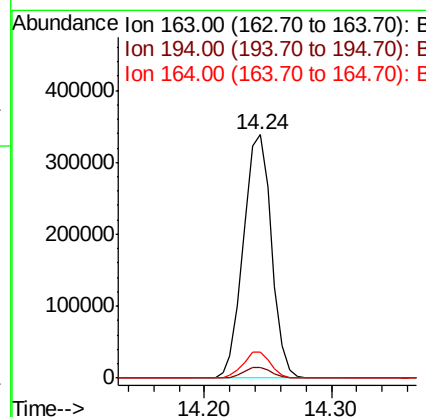
RT: 14.24 min Scan# 1899

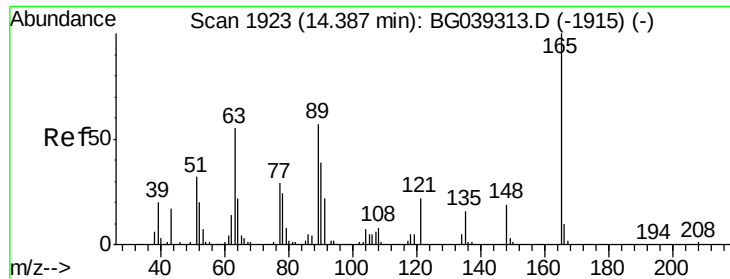
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	163	Resp:	516395
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.8	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 48.587 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

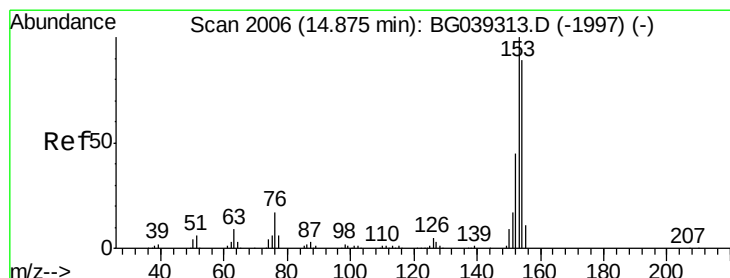
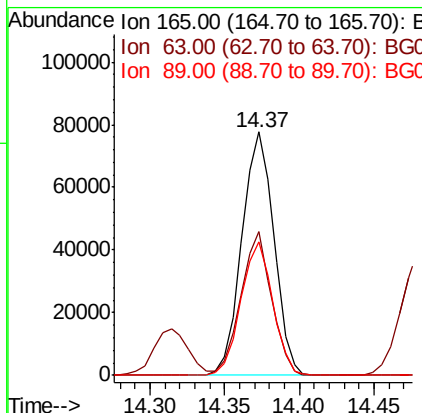
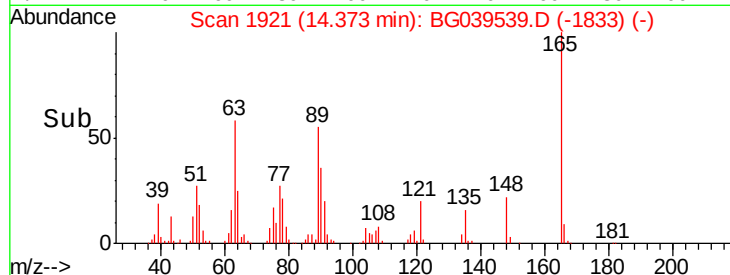
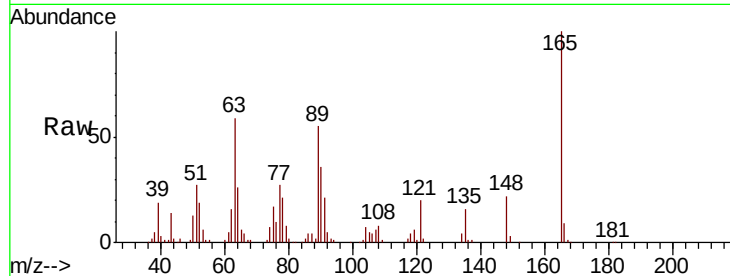
ClientSampled :

PB117160BS

Tot Ion	165	Resp	115026
Ion Ratio	Lower	Upper	
165	100		
63	58.8	47.0	70.6
89	54.6	45.8	68.8

Manual Integrations
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#52

Acenaphthene

Concen: 39.260 ng

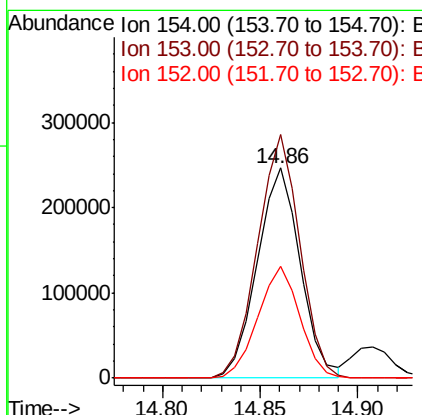
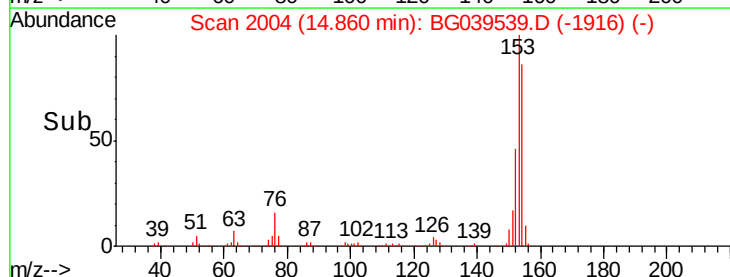
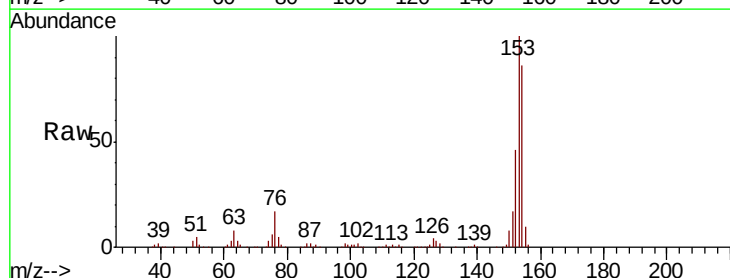
RT: 14.86 min Scan# 2004

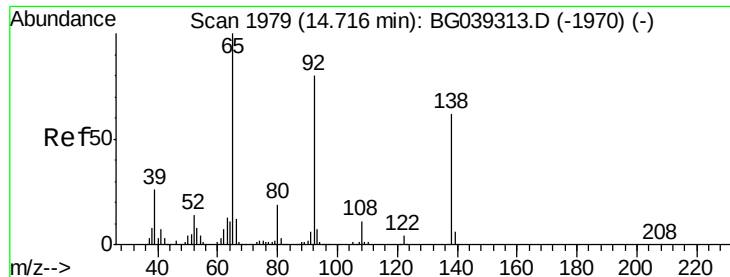
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	154	Resp	376772
Ion Ratio	Lower	Upper	
154	100		
153	116.1	90.1	135.1
152	53.1	40.9	61.3





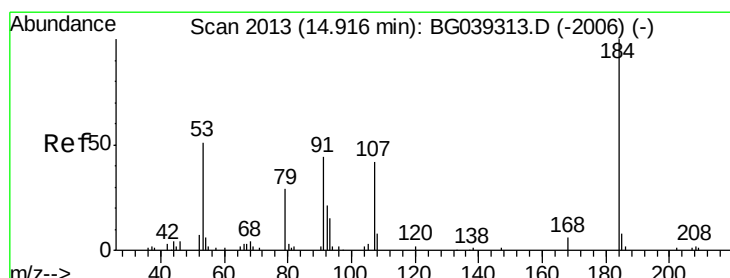
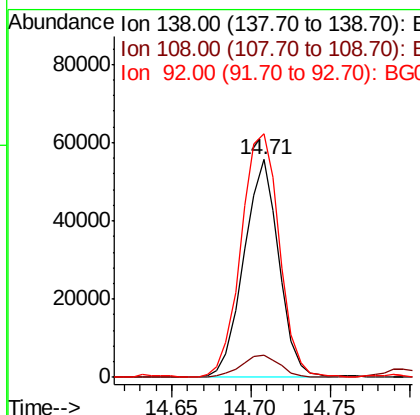
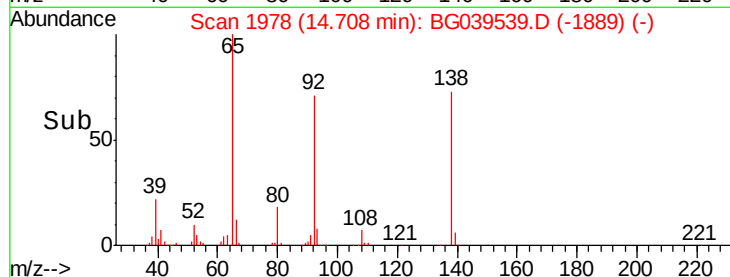
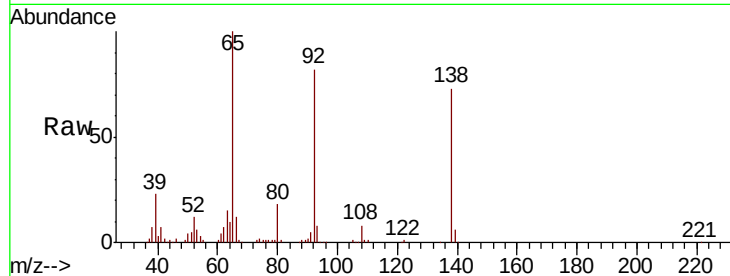
#53
3-Nitroaniline
Concen: 35.146 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion:138 Resp: 85110
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 112.0 103.7 155.5

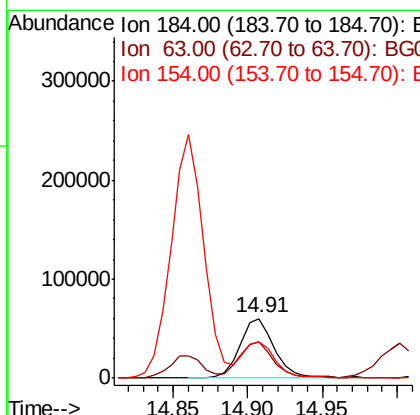
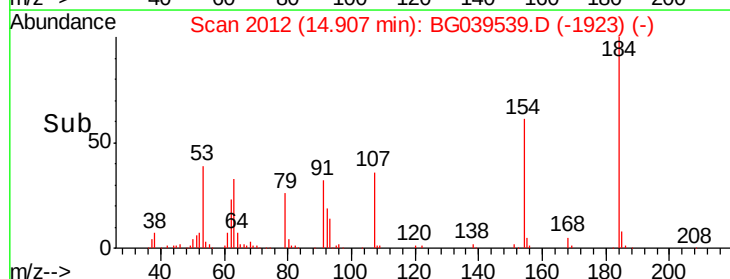
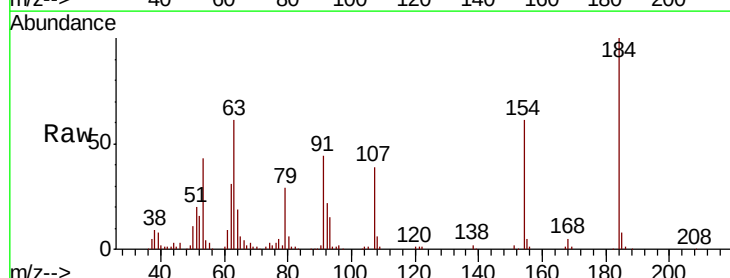
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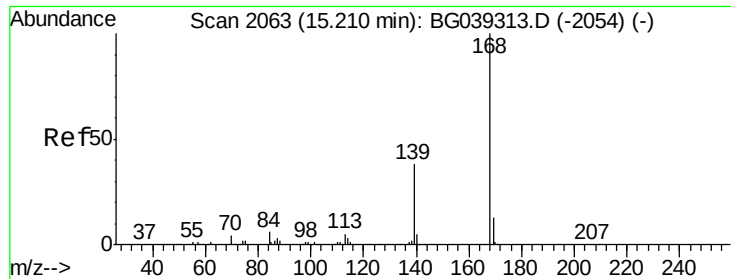
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#54
2,4-Dinitrophenol
Concen: 87.247 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion:184 Resp: 95240
Ion Ratio Lower Upper
184 100
63 60.8 50.9 76.3
154 60.9 53.0 79.6





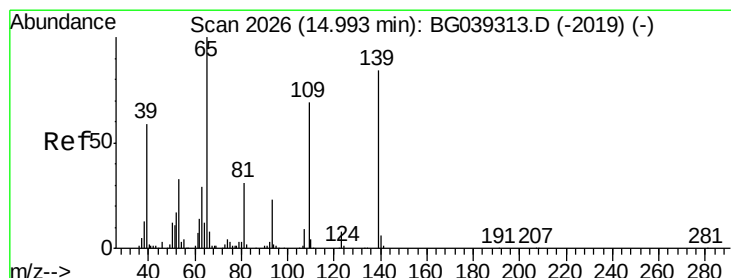
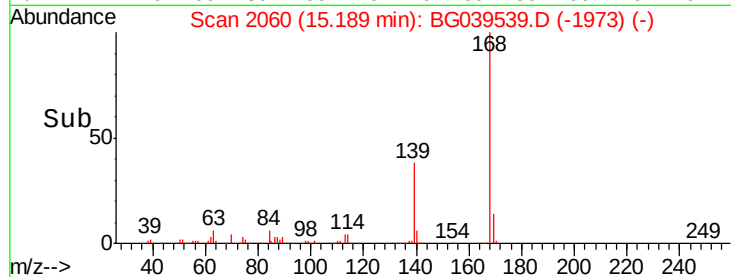
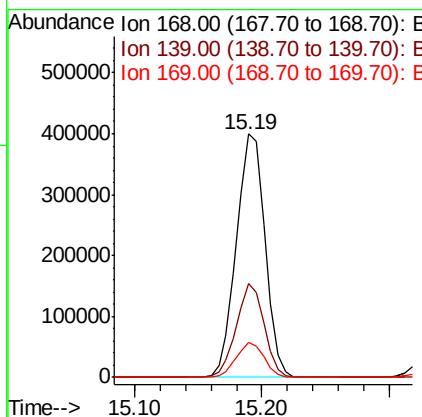
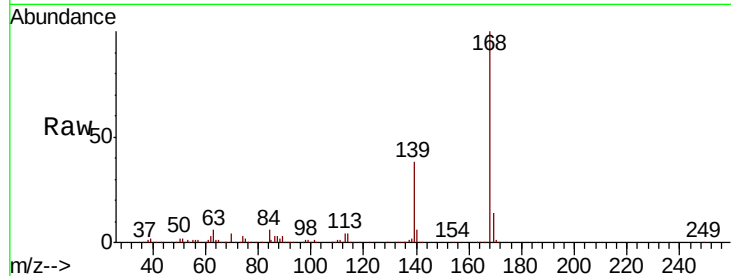
#55
Dibenzenofuran
Concen: 40.636 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampled :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	625267		
139	38.3		30.1	45.1
169	14.2		10.6	16.0

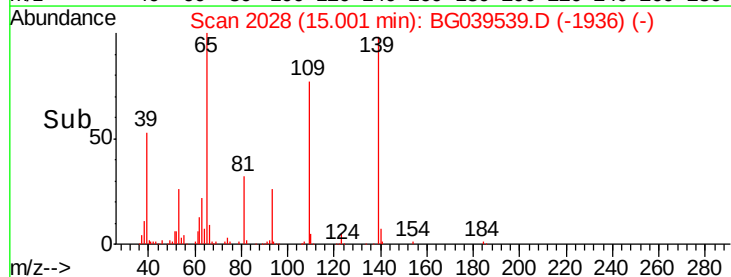
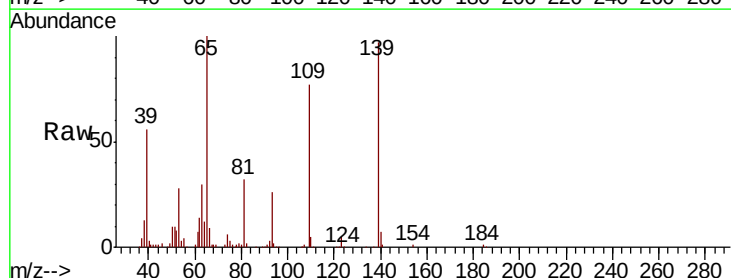
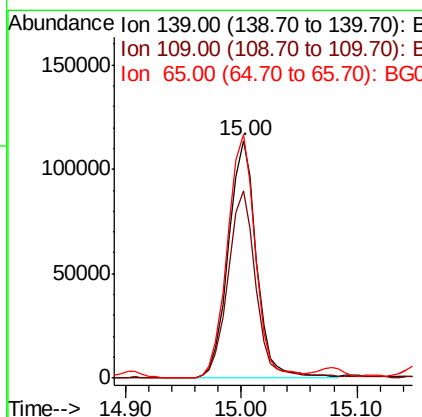
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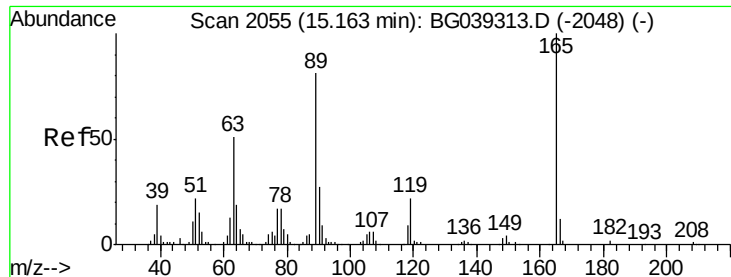
Sohil
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#56
4-Nitrophenol
Concen: 83.918 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	192531		
109	79.0		61.9	101.9
65	102.6		99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 53.223 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

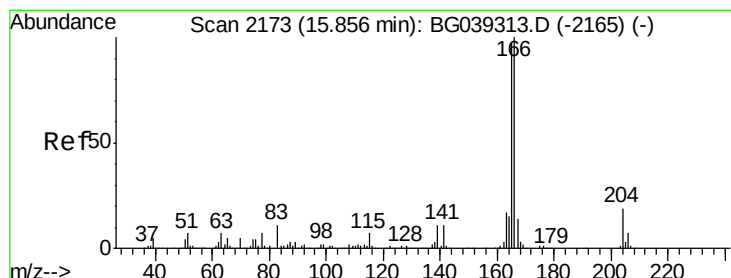
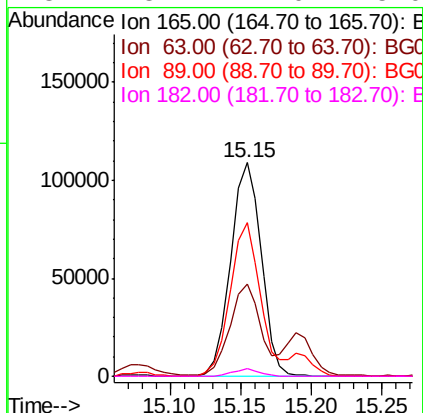
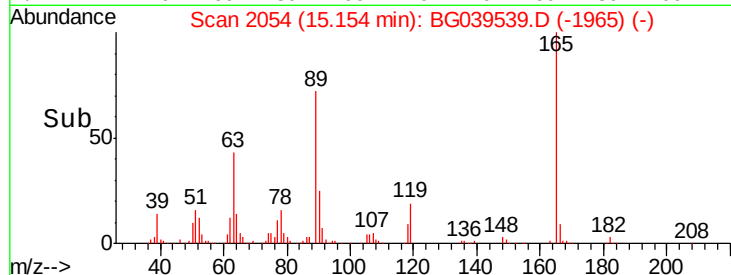
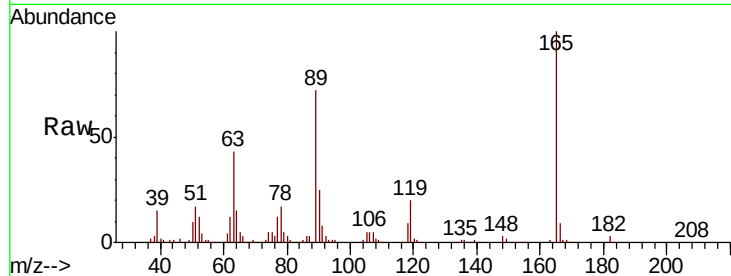
ClientSampleId :

PB117160BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		164170		
63	43.4		41.0	61.6	
89	72.0		64.6	96.8	
182	3.4		2.0	3.0	

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#58

Fluorene

Concen: 43.310 ng

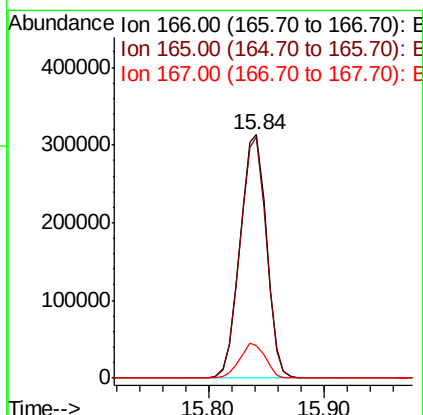
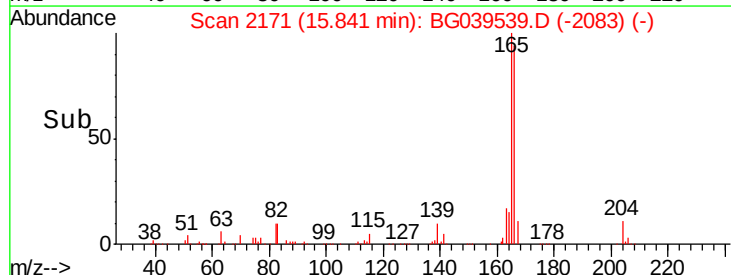
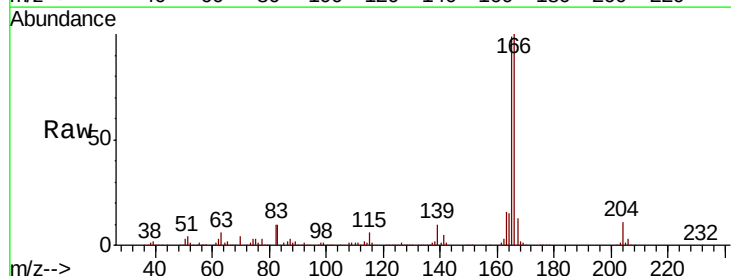
RT: 15.84 min Scan# 2171

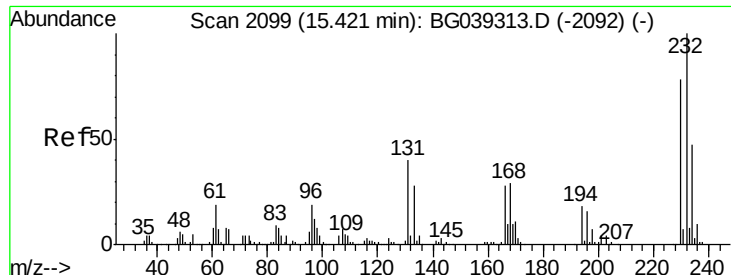
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		496788		
165	98.9		77.9	116.9	
167	13.3		10.8	16.2	





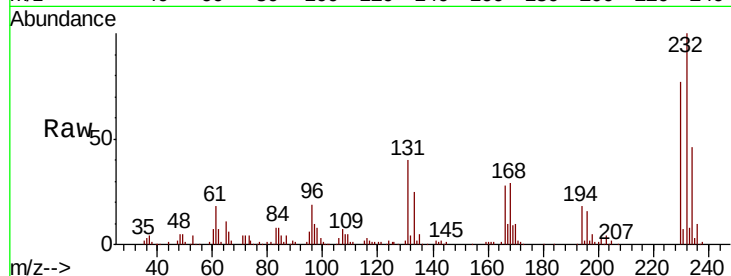
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.258 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	154041		
131	40.3		34.9	52.3
130	2.6		2.0	3.0
166	28.1		24.1	36.1

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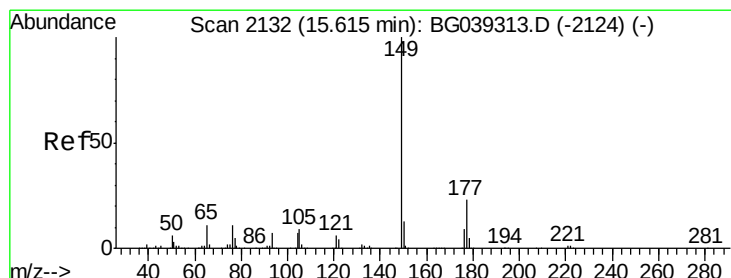
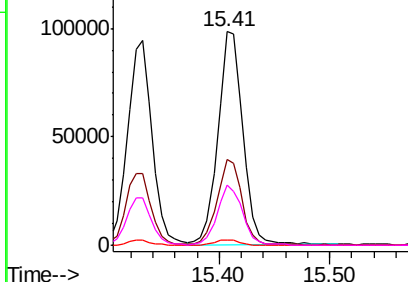
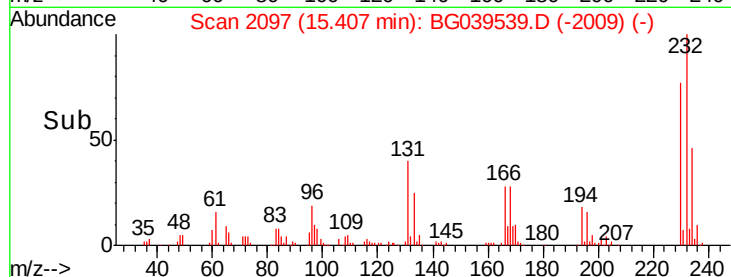
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

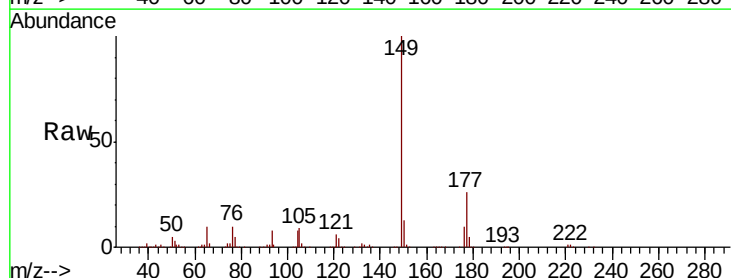
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.645 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518232		
177	25.6		18.3	27.5
150	12.8		10.2	15.2

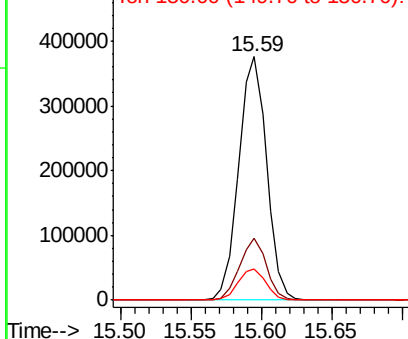
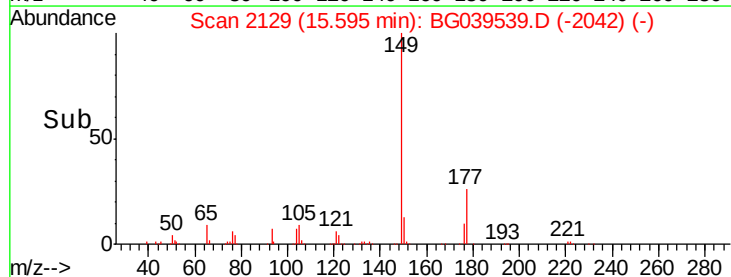


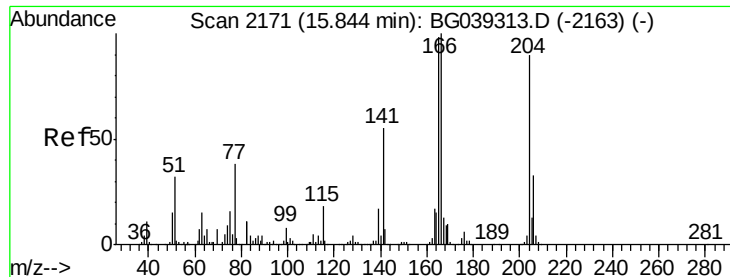
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





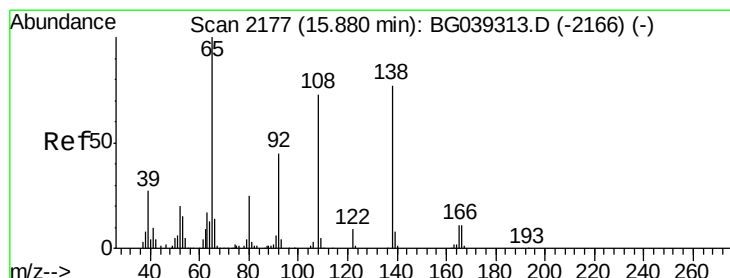
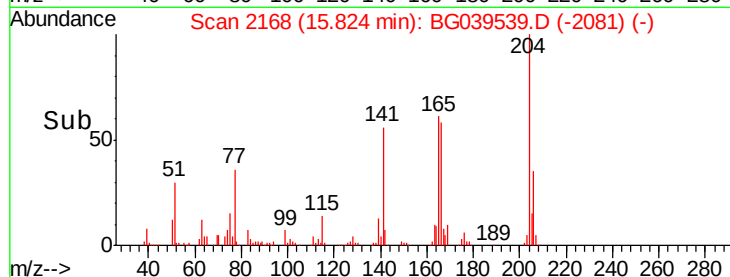
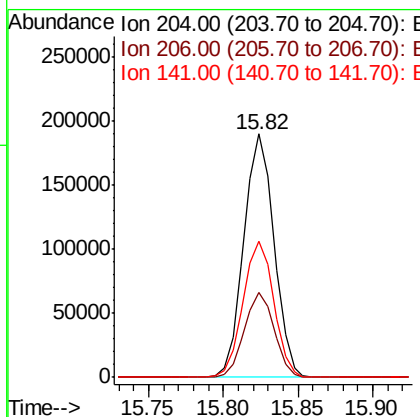
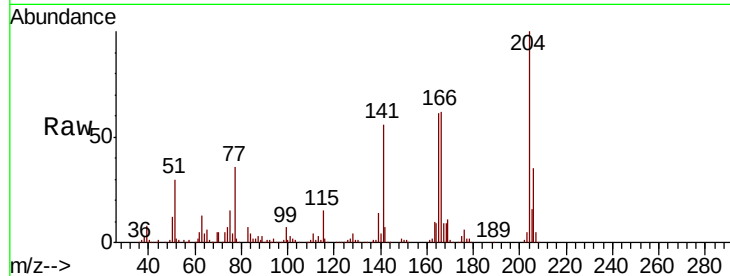
#61
 4-Chlorophenyl-phenylether
 Concen: 40.903 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampled :
 PB117160BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	56.0	49.0	73.4

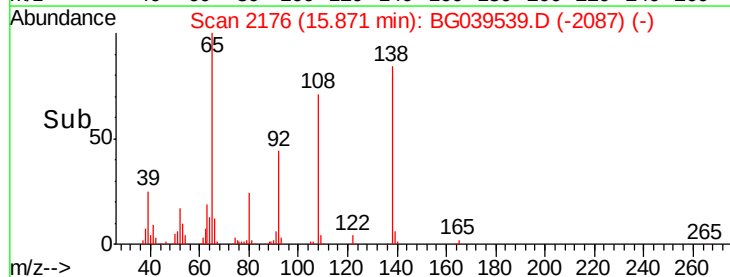
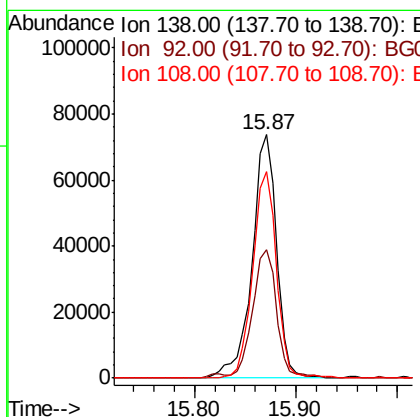
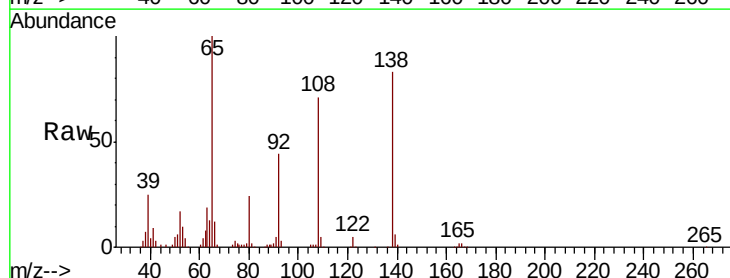
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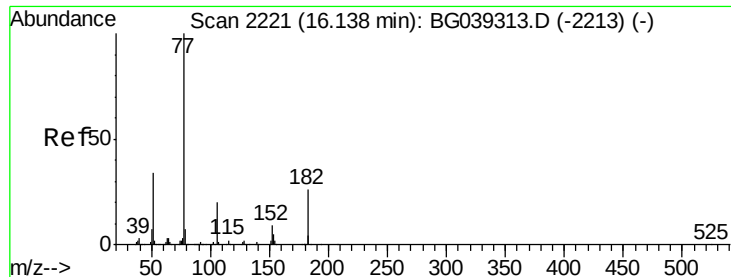
Sohil
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#62
 4-Nitroaniline
 Concen: 47.040 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	38.7	78.7
108	85.0	74.6	114.6





#63

Azobenzene

Concen: 36.648 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

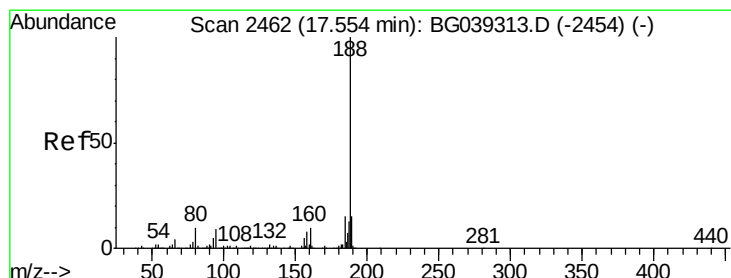
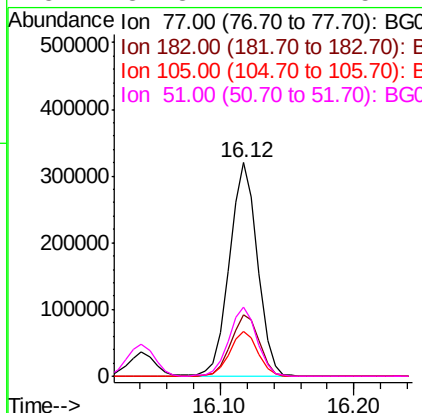
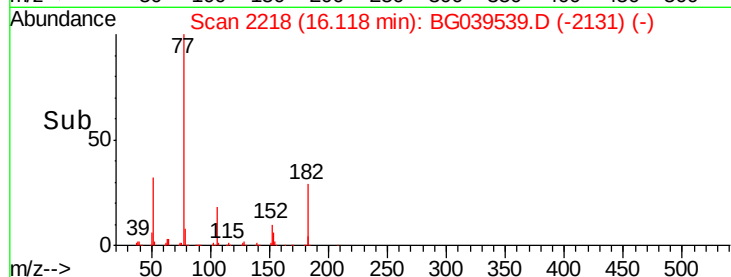
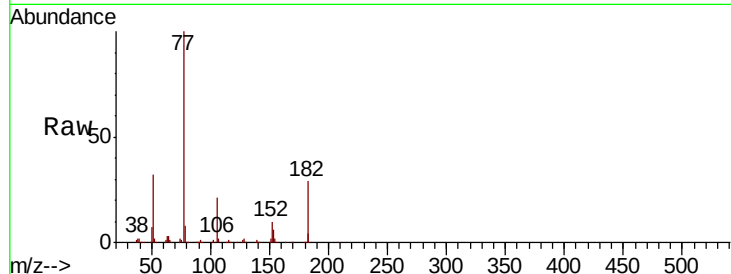
ClientSampleId :

PB117160BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.4	46.4
105	20.8	0.0	39.8
51	32.3	14.1	54.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

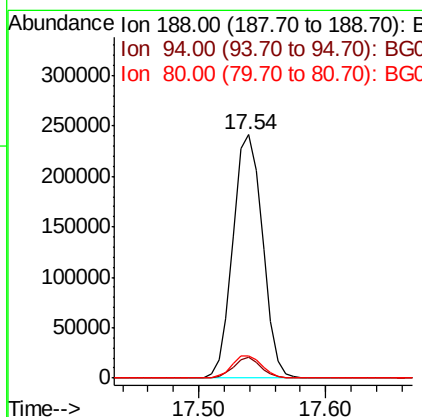
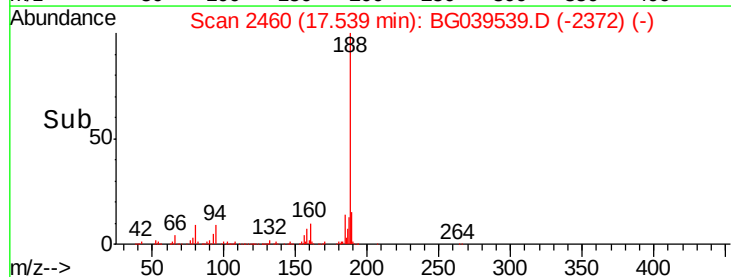
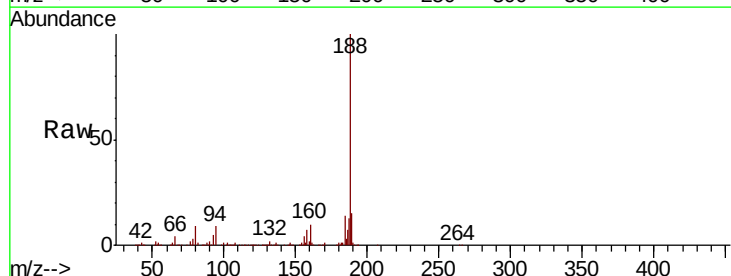
RT: 17.54 min Scan# 2460

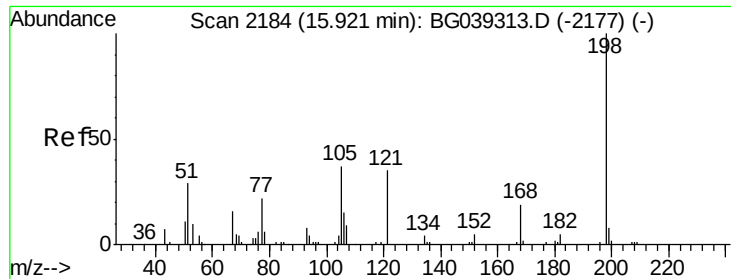
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.979 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

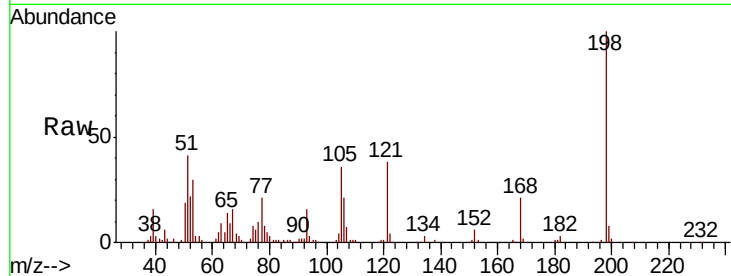
ClientSampleId :

PB117160BS

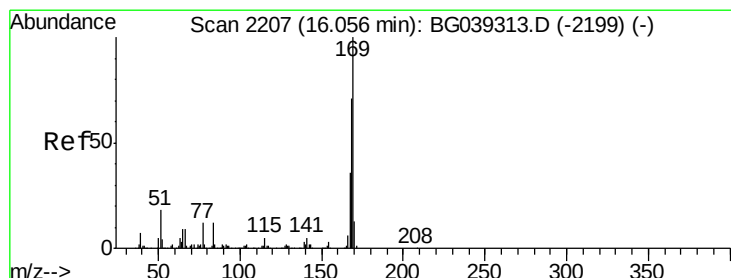
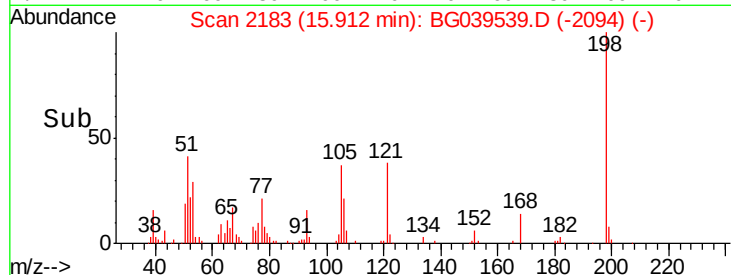
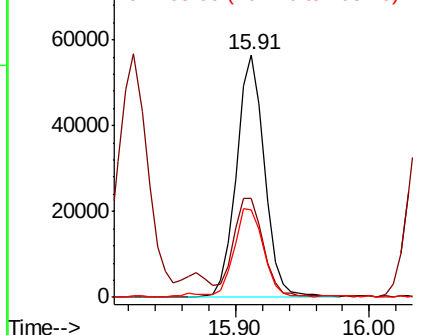
Tot Ion:	198	Resp:	82418
Ion Ratio	Lower	Upper	
198	100		
51	40.8	27.4	67.4
105	36.0	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.272 ng

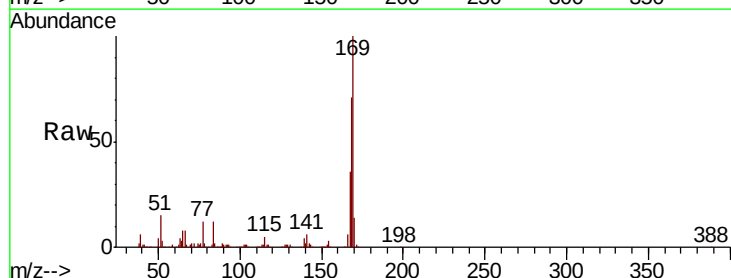
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

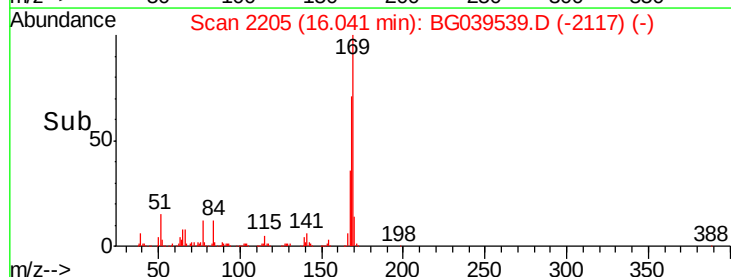
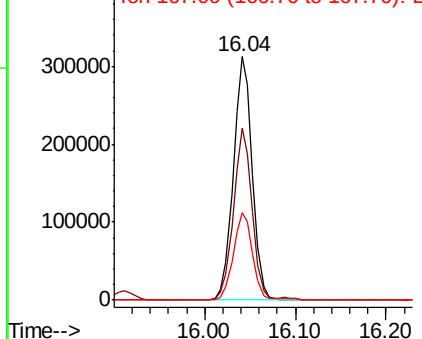
Lab File: BG039539.D

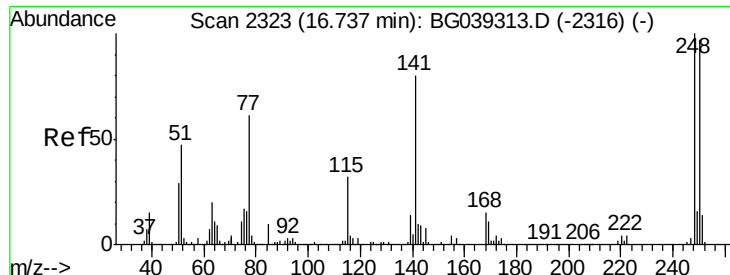
Acq: 18 Feb 2019 14:50

Tgt Ion:	169	Resp:	453164
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.6	85.0
167	36.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





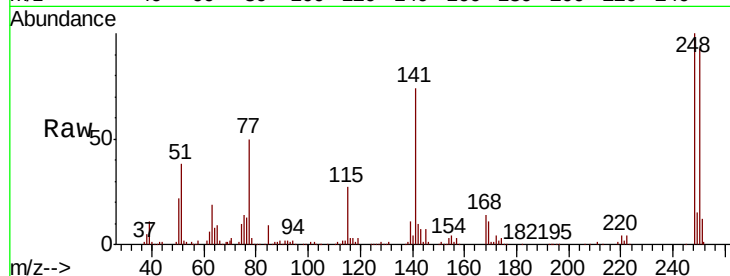
#67
4-Bromophenyl-phenylether
Concen: 40.165 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	77.6	116.4
141	73.8	63.9	95.9

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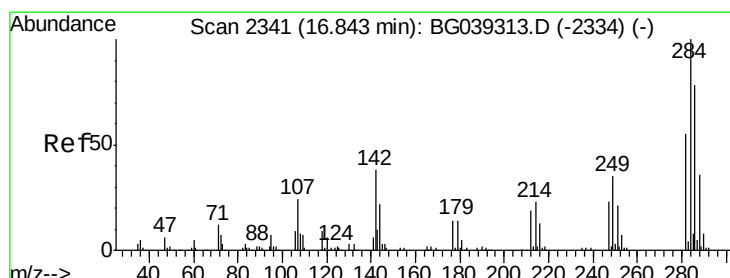
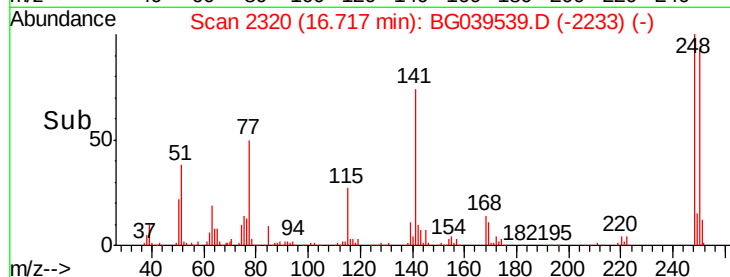
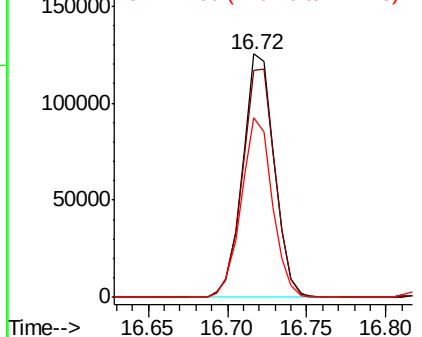


Abundance

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: 40.970 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

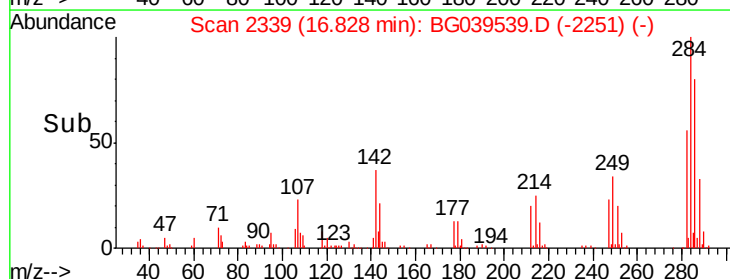
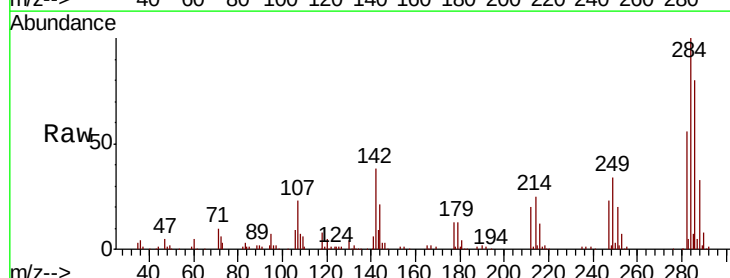
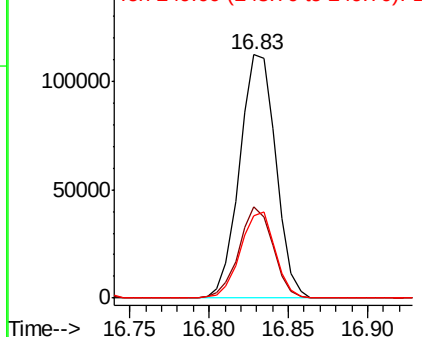
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	30.6	45.8
249	33.9	28.2	42.2

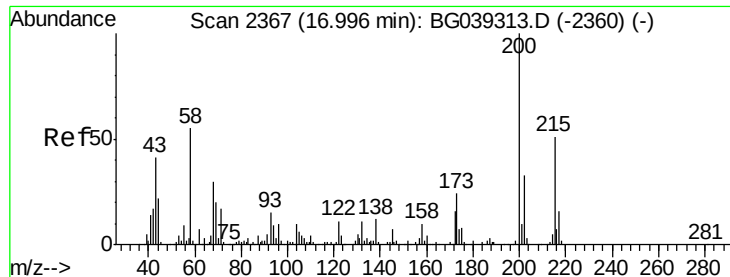
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





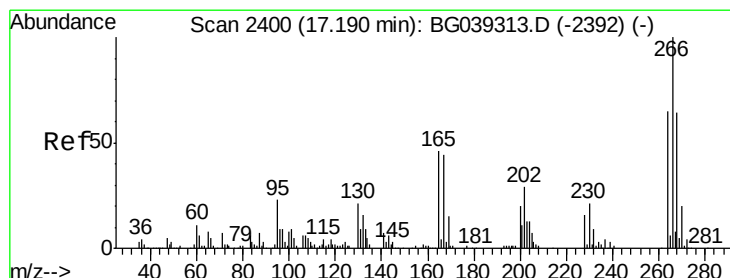
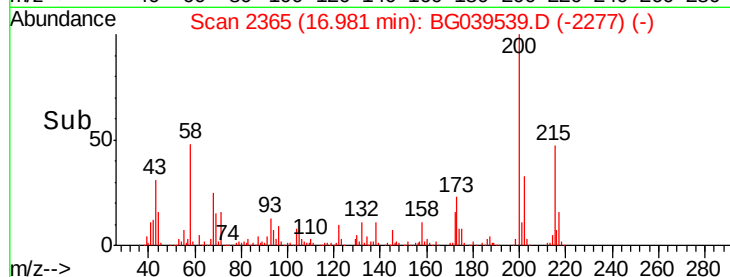
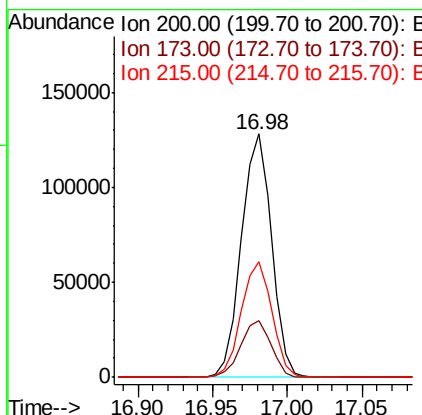
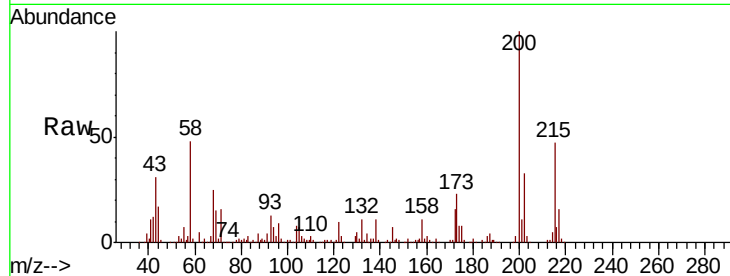
#69
 Atrazine
 Concen: 41.405 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.4	3.9	43.9
215	47.4	30.9	70.9

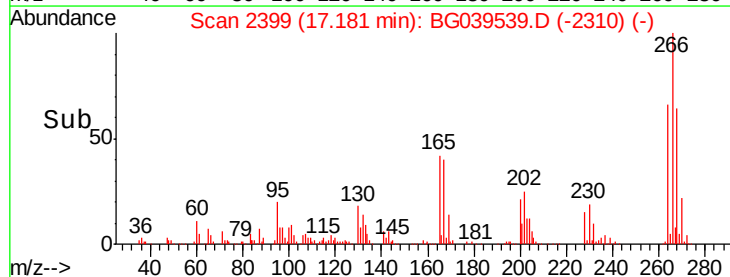
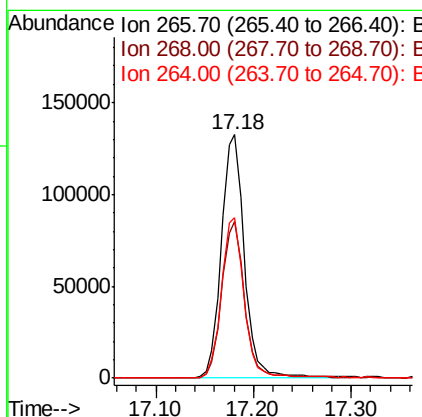
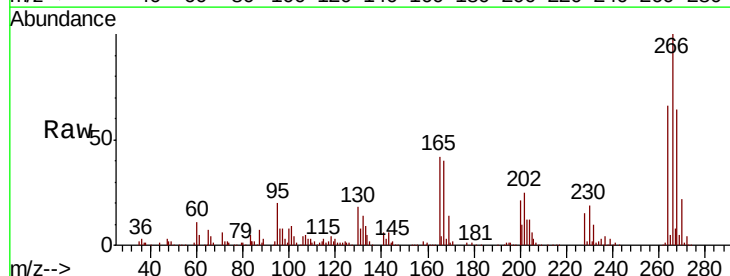
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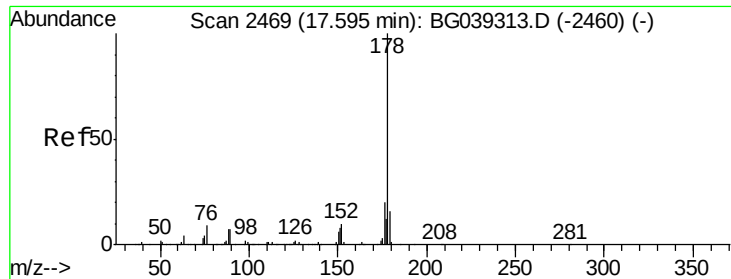
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#70
 Pentachlorophenol
 Concen: 72.355 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.1	76.7
264	65.9	52.1	78.1





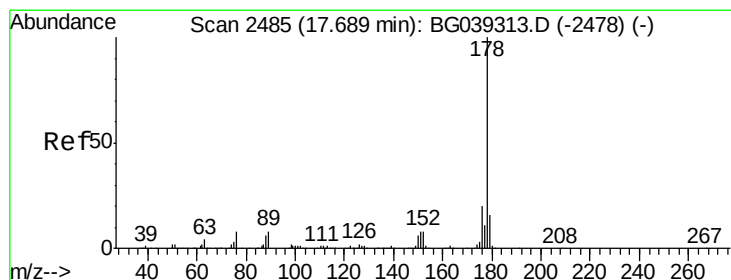
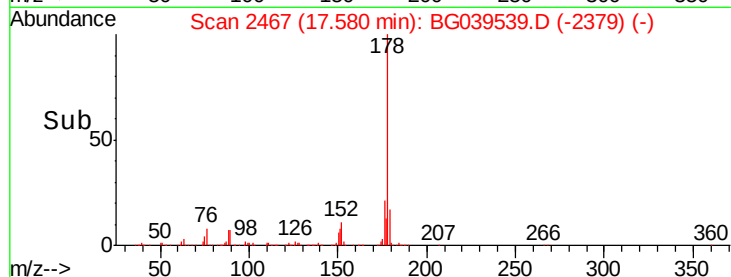
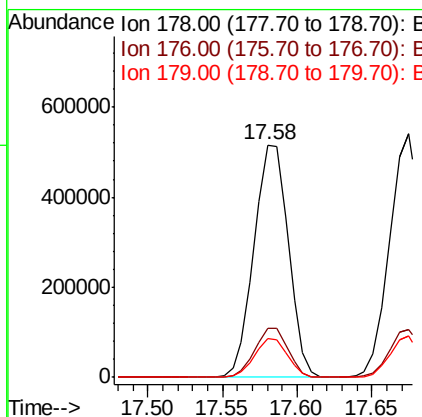
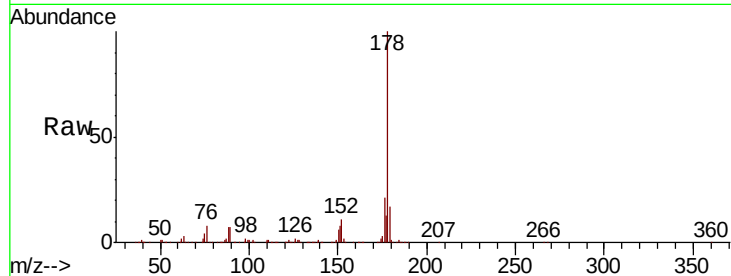
#71
Phenanthrene
Concen: 40.827 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	16.8	12.6	19.0

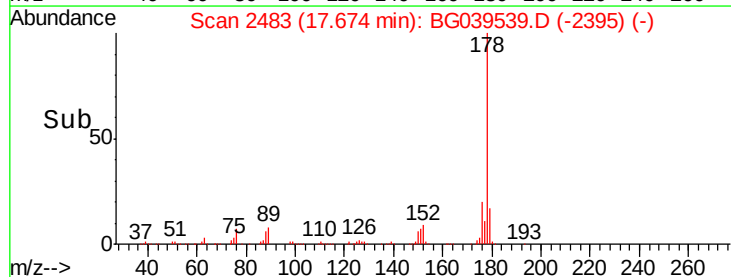
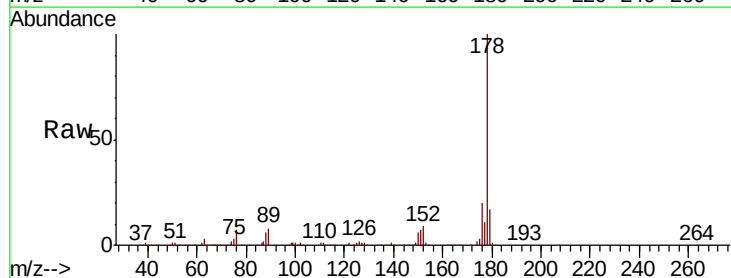
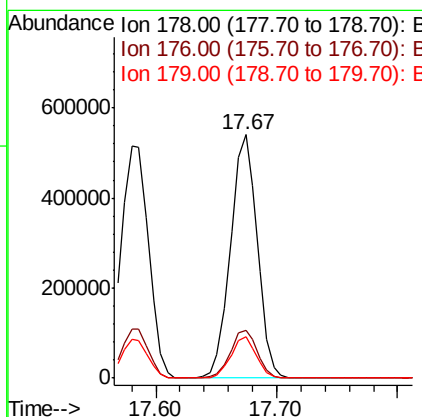
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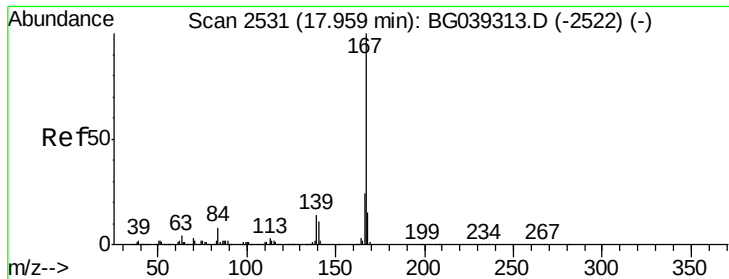
Sohil
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#72
Anthracene
Concen: 41.907 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.8	12.5	18.7





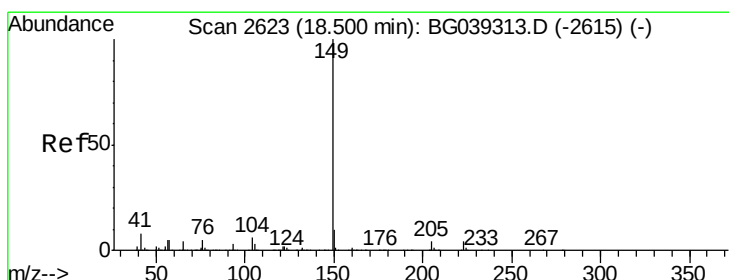
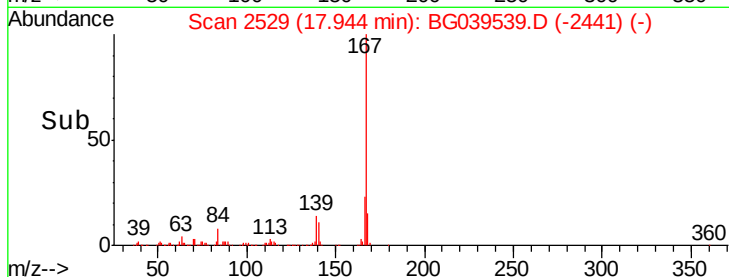
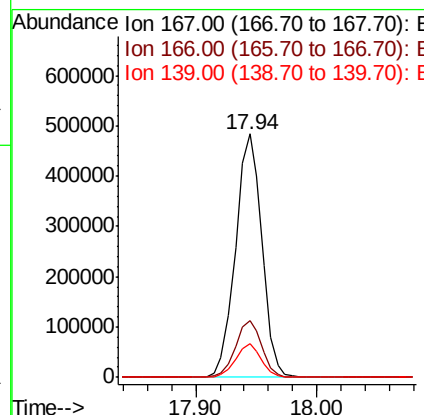
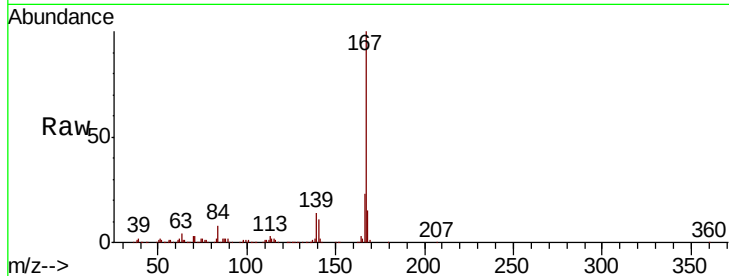
#73
 Carbazole
 Concen: 36.959 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 PB117160BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.2
139	13.6	10.8	16.2

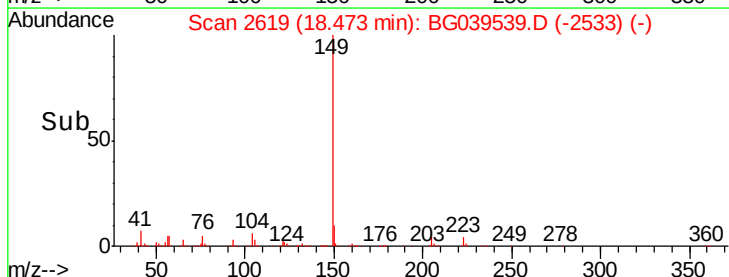
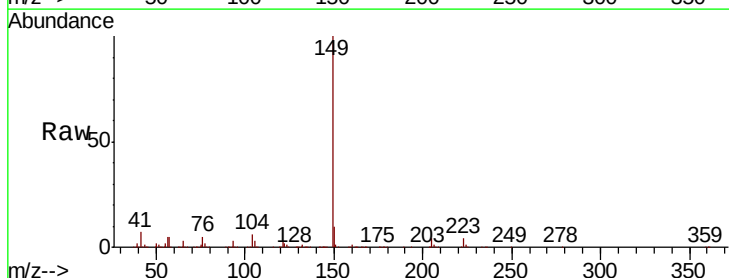
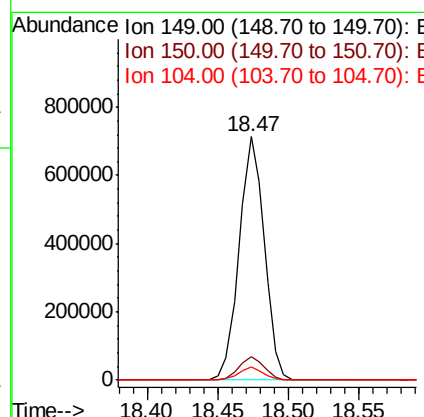
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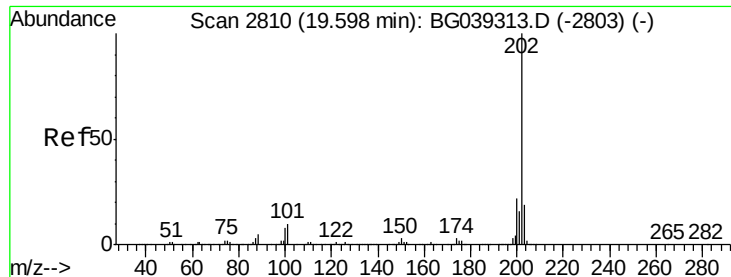
Sohil
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#74
 Di-n-butylphthalate
 Concen: 38.292 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039539.D
 Acq: 18 Feb 2019 14:50

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





#75

Fluoranthene

Concen: 41.579 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

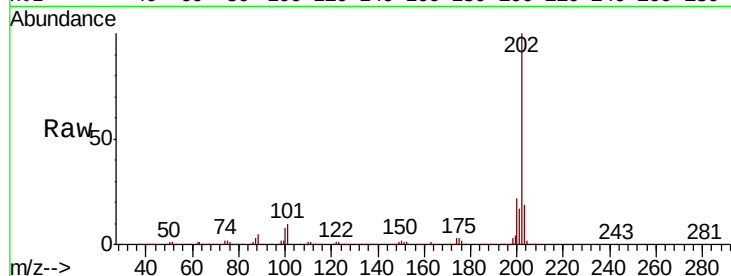
ClientSampleId :

PB117160BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		972687		
101	9.5	0.0	30.0		
203	19.4	0.0	38.9		

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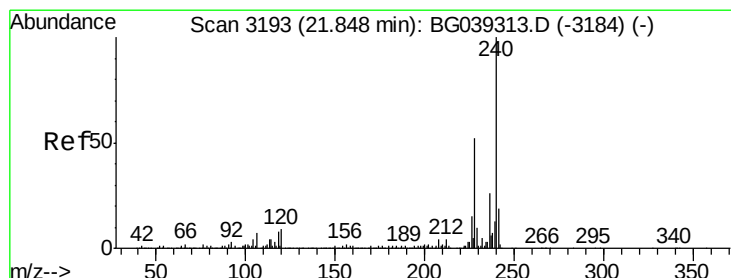
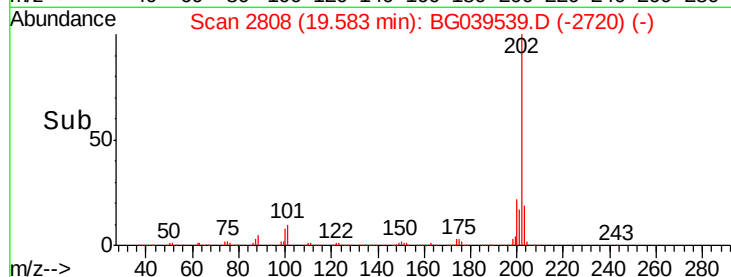
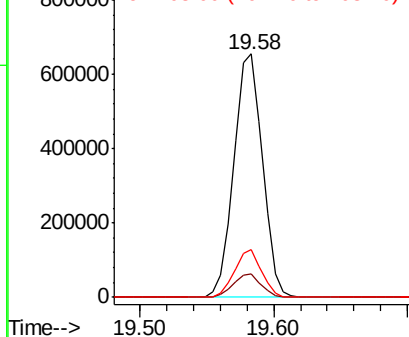


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

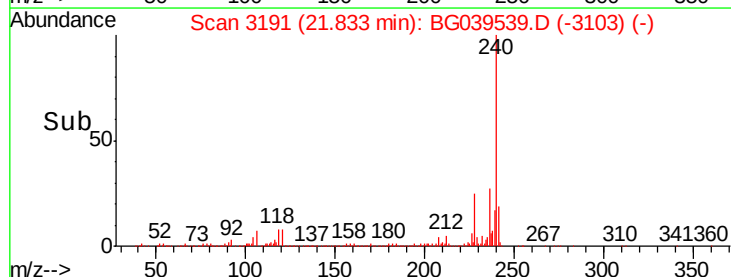
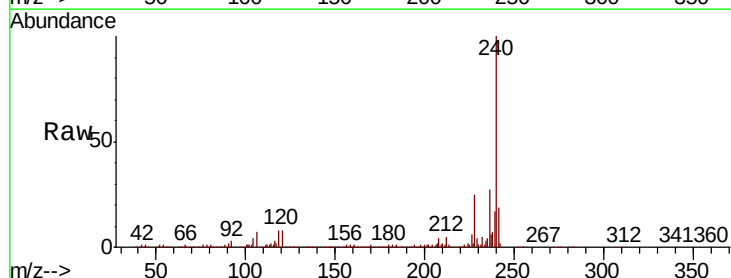
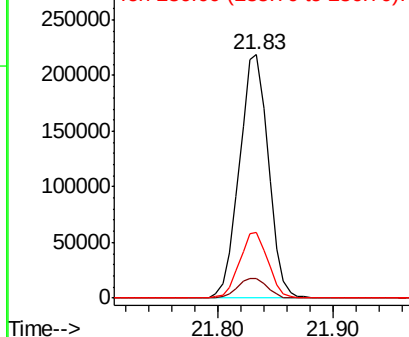
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		381870		
120	8.1	7.0	10.6		
236	27.0	21.0	31.4		

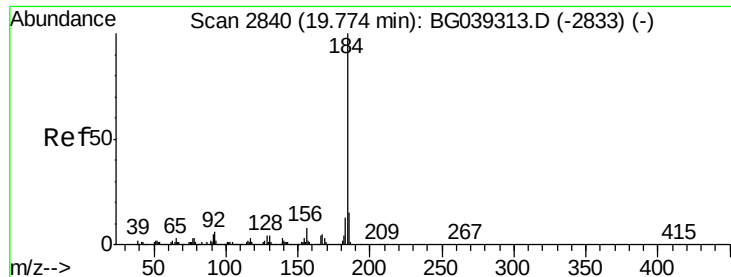
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.433 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

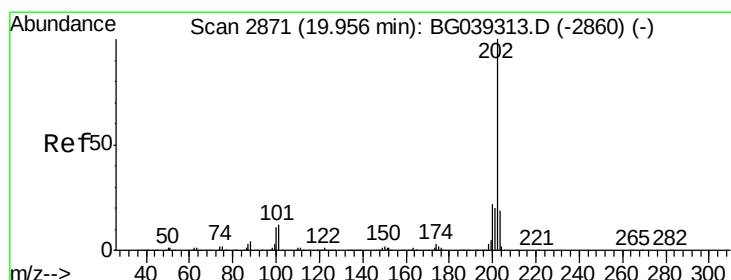
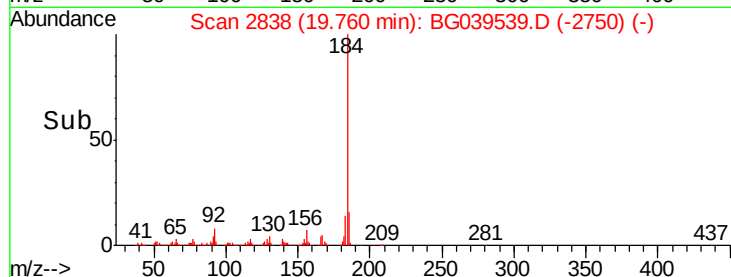
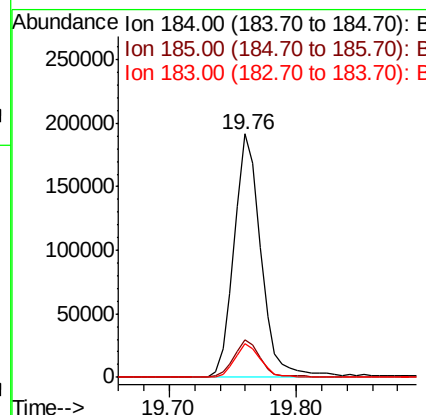
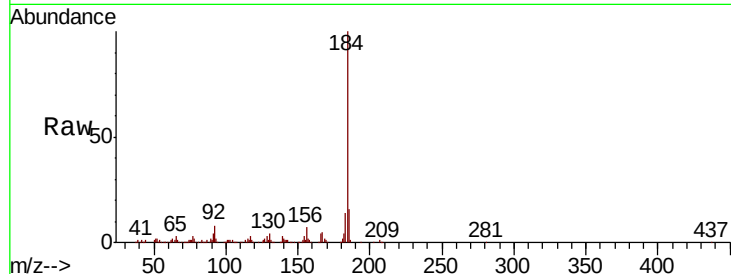
ClientSampleId :

PB117160BS

Tot Ion:	184	Resp:	280857
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	13.9	10.6	15.8

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#78

Pyrene

Concen: 41.691 ng

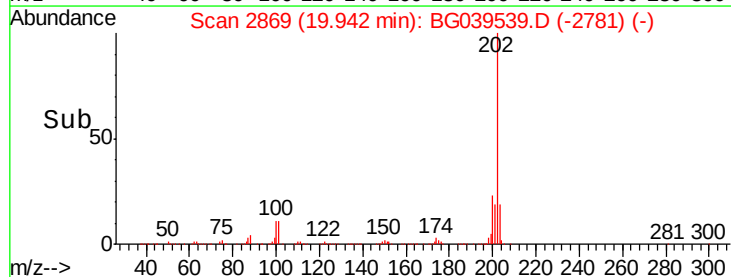
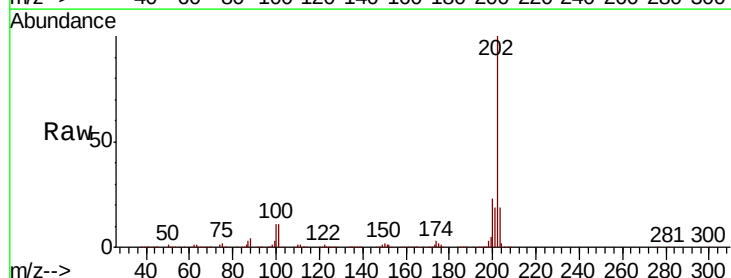
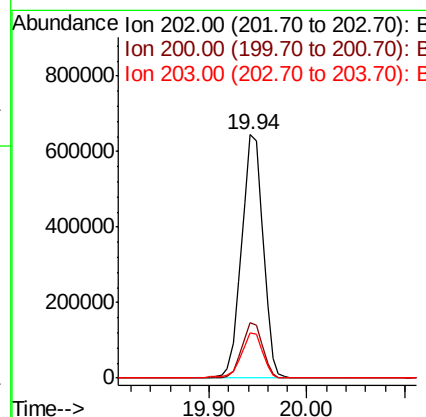
RT: 19.94 min Scan# 2869

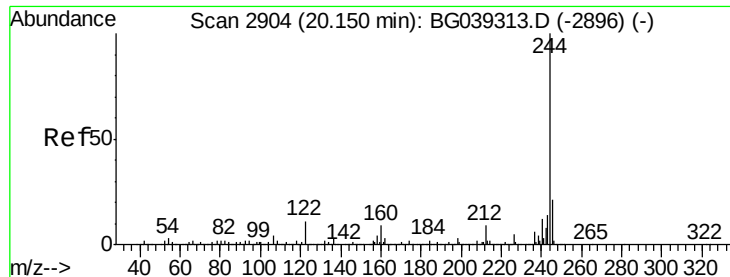
Delta R.T. -0.01 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	202	Resp:	991103
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.6	15.3	22.9





#79

Terphenyl-d14

Concen: 78.708 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

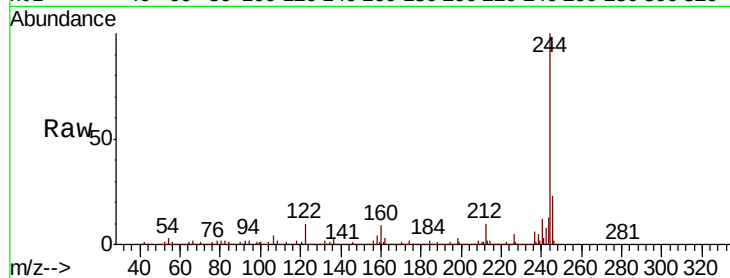
ClientSampleId :

PB117160BS

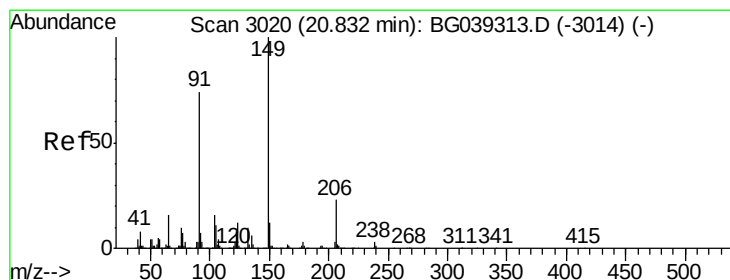
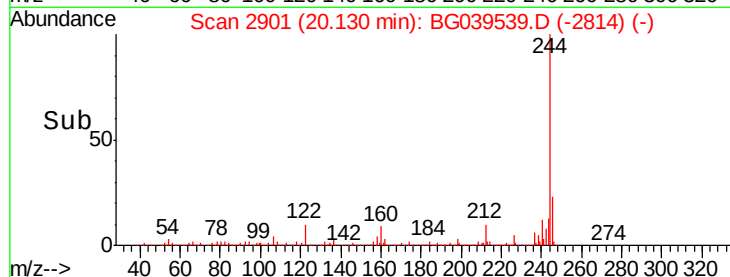
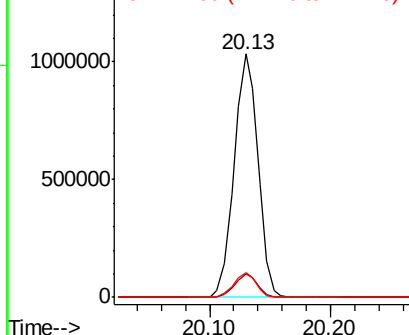
Tot Ion:	244	Resp:	1419962
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.3	8.4	12.6

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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: 41.251 ng

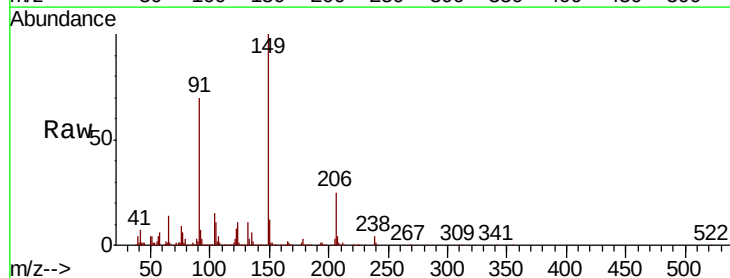
RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

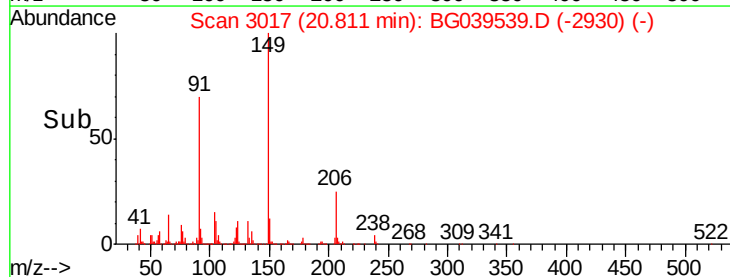
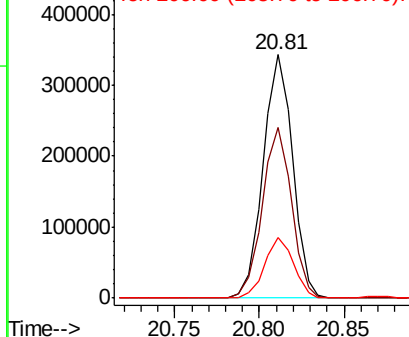
Lab File: BG039539.D

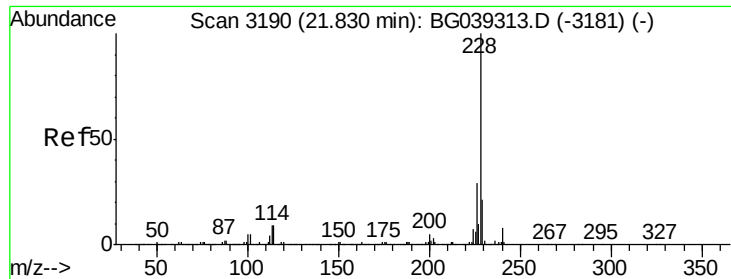
Acq: 18 Feb 2019 14:50

Tgt Ion:	149	Resp:	413667
Ion	Ratio	Lower	Upper
149	100		
91	70.3	59.5	89.3
206	24.8	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





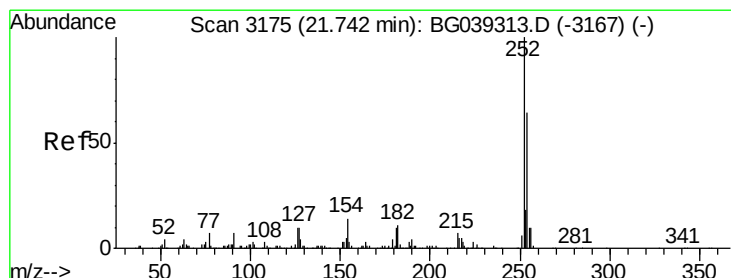
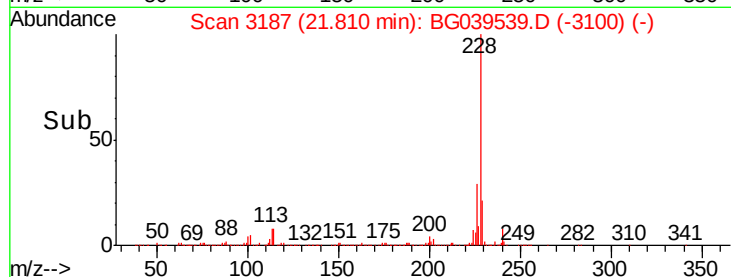
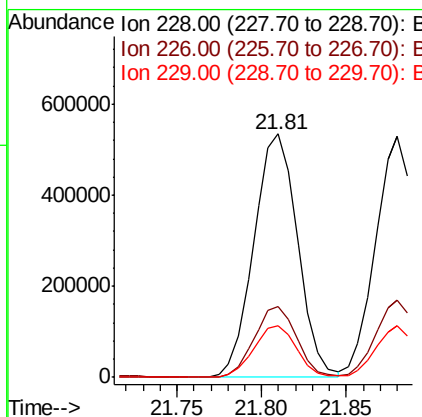
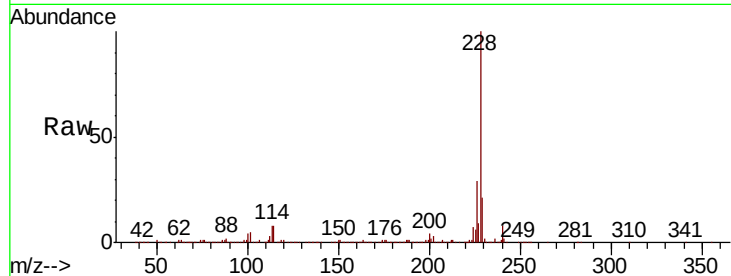
#81
Benzo(a)anthracene
Concen: 42.563 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

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

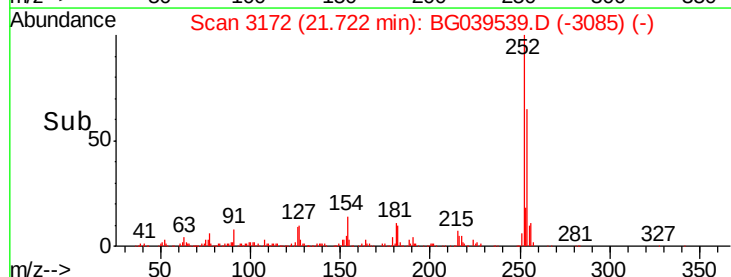
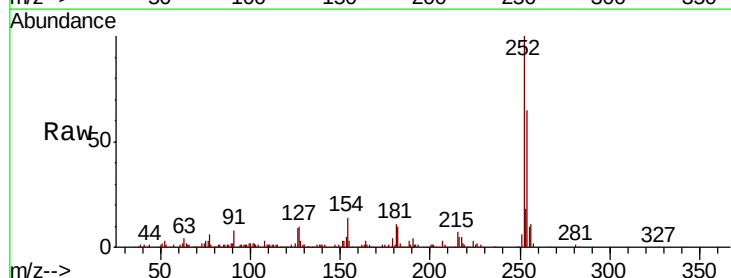
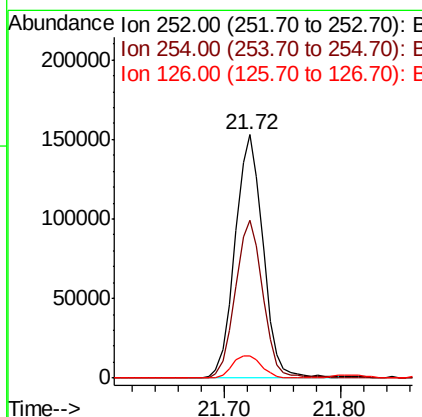
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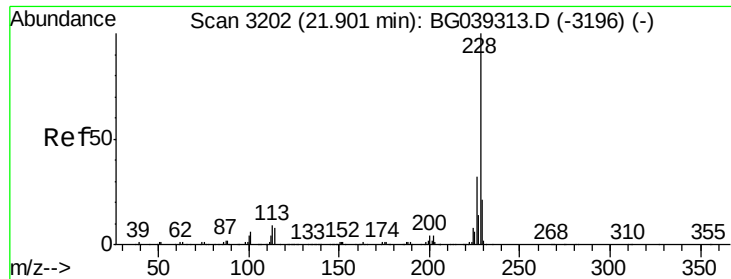
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#82
3,3'-Dichlorobenzidine
Concen: 30.680 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	9.1	8.0	12.0





#83

Chrysene

Concen: 41.584 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

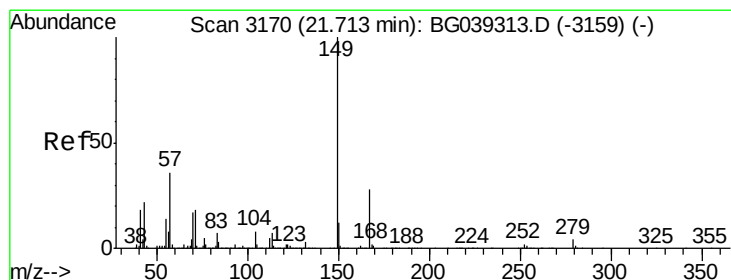
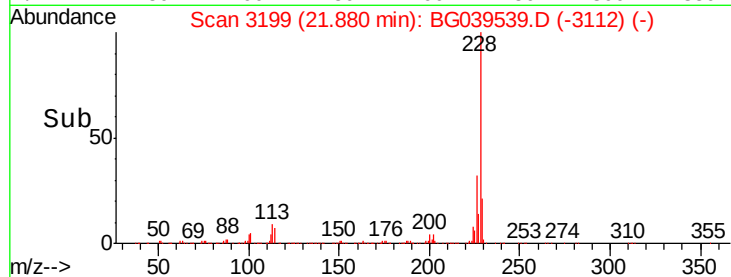
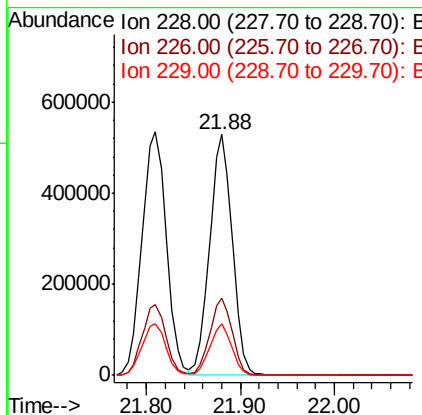
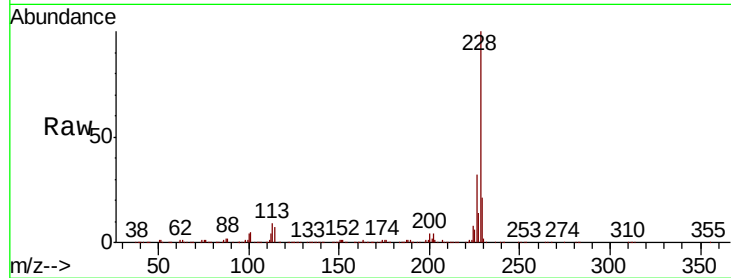
ClientSampleId :

PB117160BS

Tot Ion:	228	Resp:	893221
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.8	38.6
229	21.2	16.6	25.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.066 ng

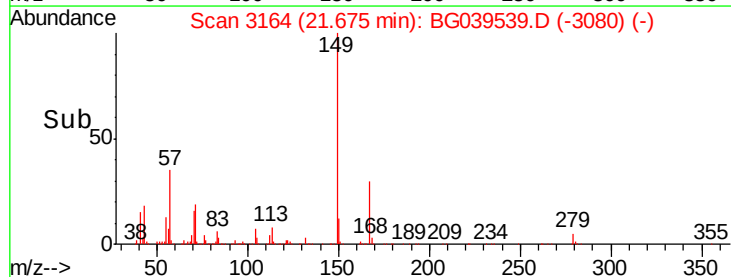
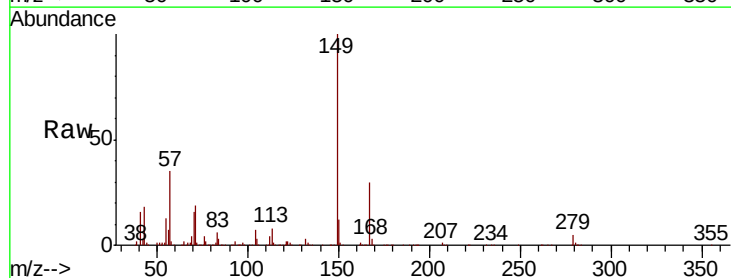
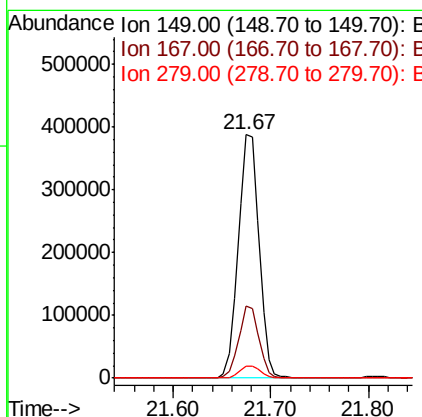
RT: 21.67 min Scan# 3164

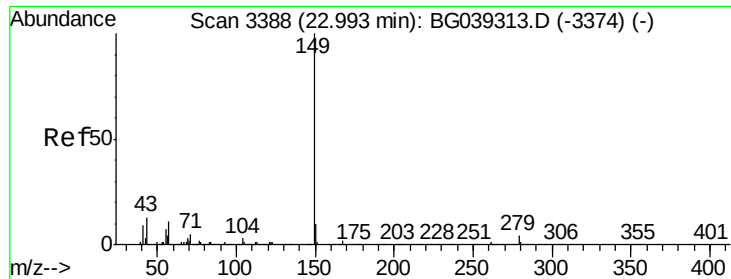
Delta R.T. -0.04 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Tgt Ion:	149	Resp:	573200
Ion Ratio	Lower	Upper	
149	100		
167	29.6	22.6	34.0
279	4.8	3.5	5.3





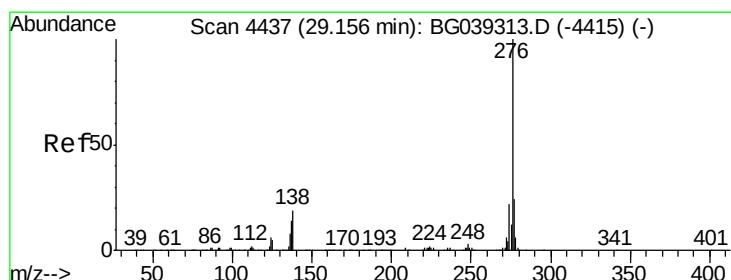
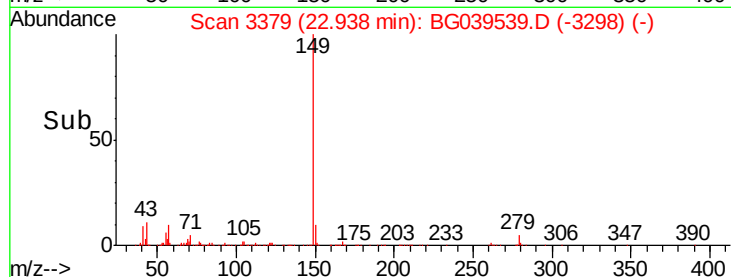
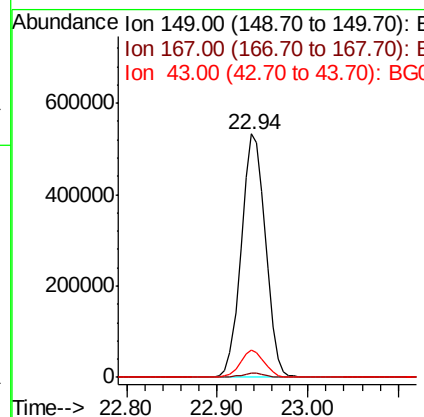
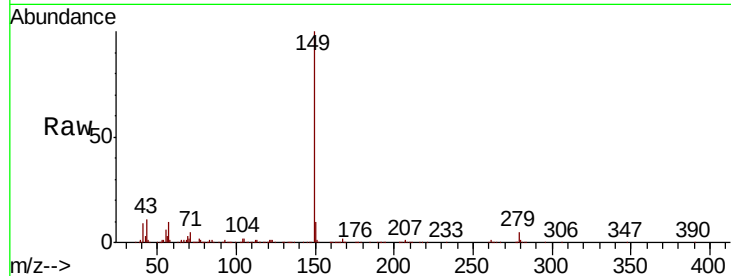
#85
Di-n-octyl phthalate
Concen: 41.747 ng
RT: 22.94 min Scan# 3379
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	986720		
167	1.6		1.3	1.9
43	11.0		10.2	15.4

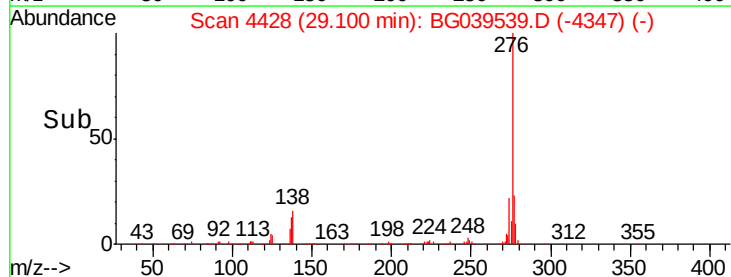
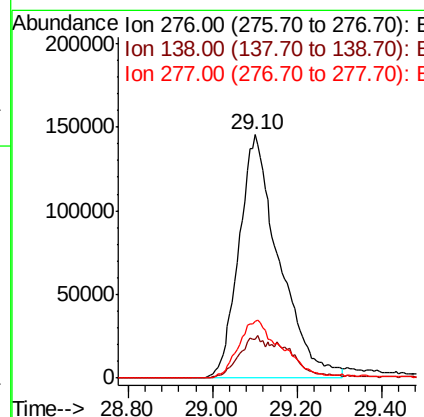
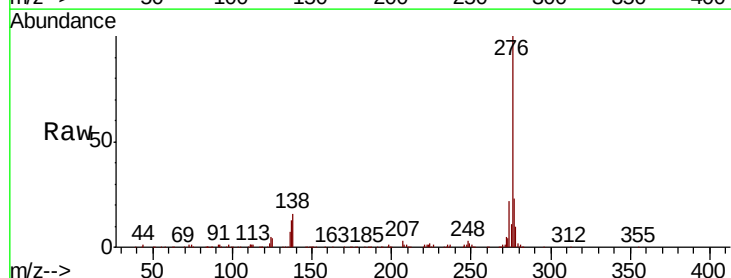
Manual Integrations
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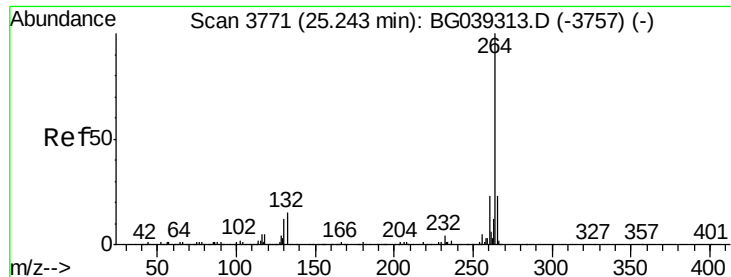
Sohil
2/19/2019 9:57:12 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.562 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	957855		
138	10.4		12.6	19.0#
277	25.4		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

Instrument :

BNA_G

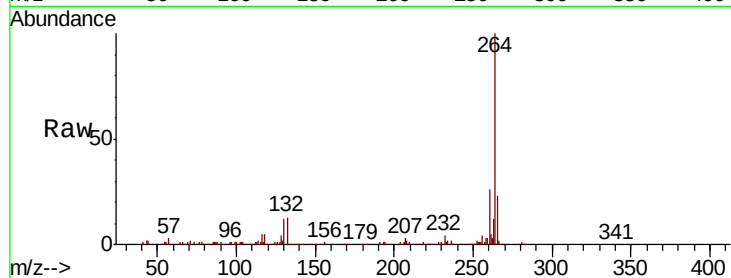
ClientSampleId :

PB117160BS

Tot Ion:	264	Resp:	354958
Ion Ratio	Lower	Upper	
264	100		
260	25.6	18.2	27.4
265	22.6	18.5	27.7

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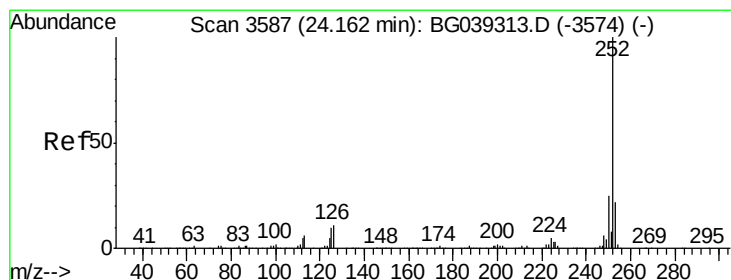
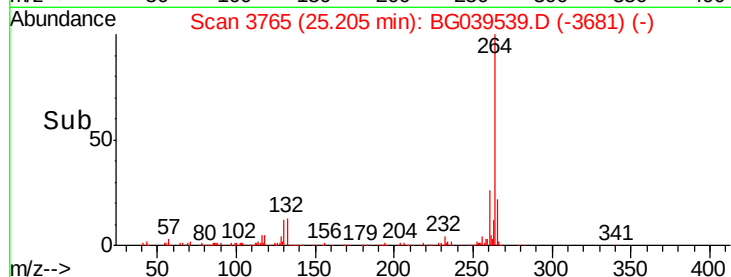
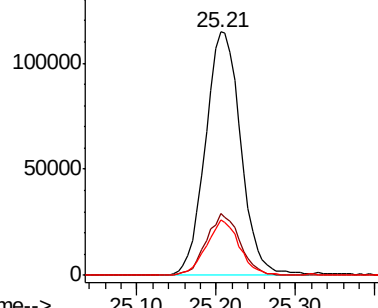


Abundance

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: 47.891 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039539.D

Acq: 18 Feb 2019 14:50

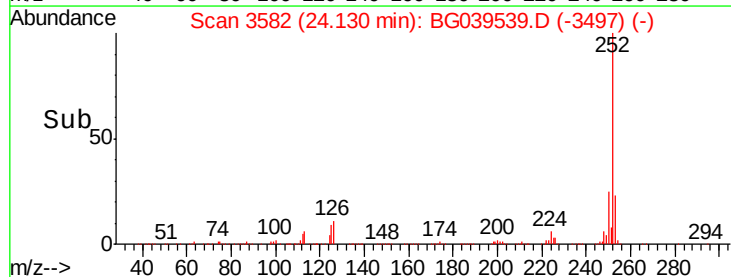
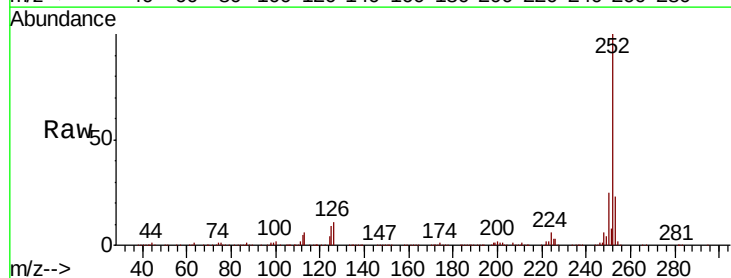
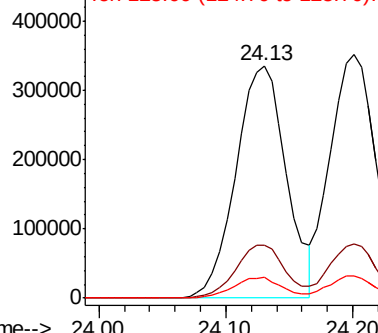
Tgt Ion:	252	Resp:	927058
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	9.1	7.8	11.6

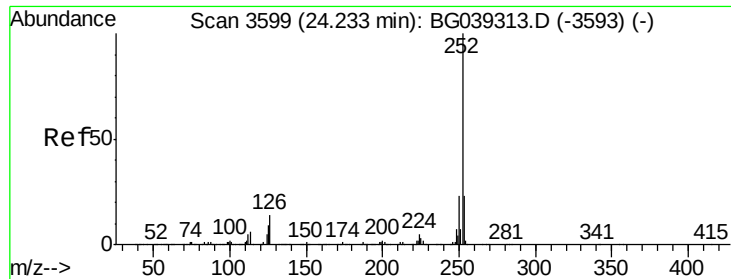
Abundance

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





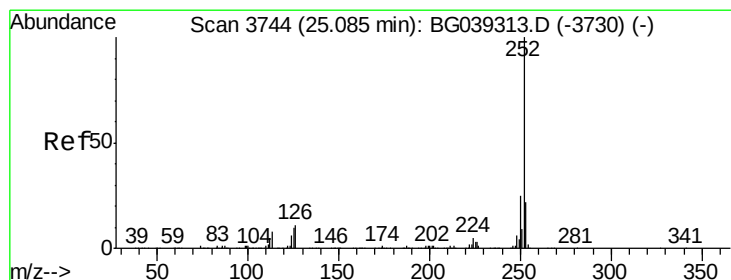
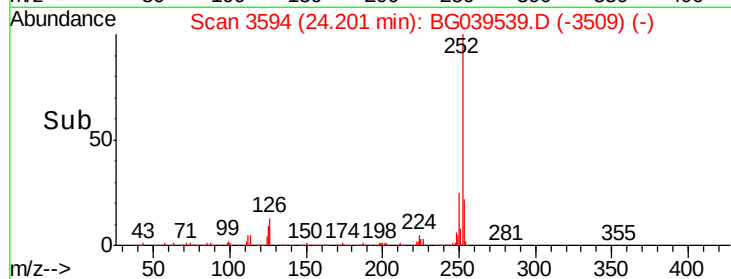
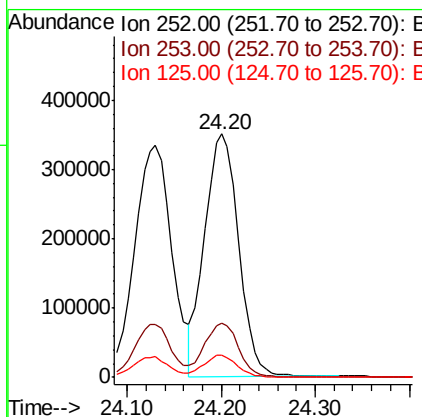
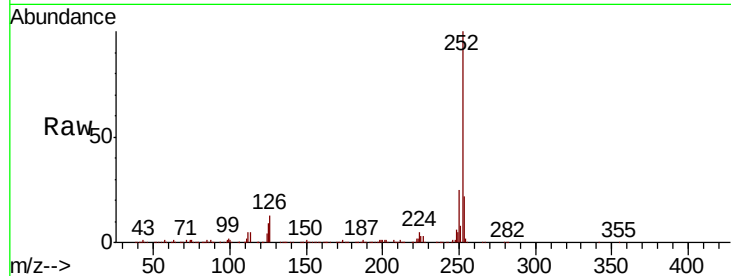
#89
Benzo(k)fluoranthene
Concen: 45.661 ng
RT: 24.20 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.0	7.4	11.2

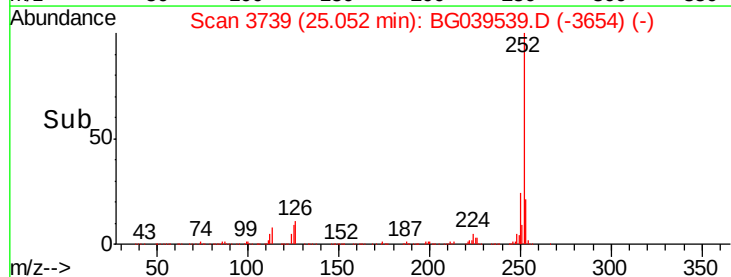
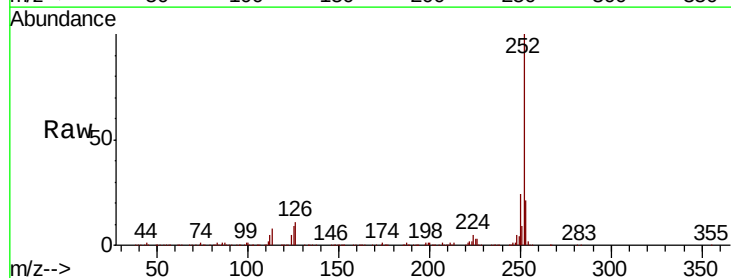
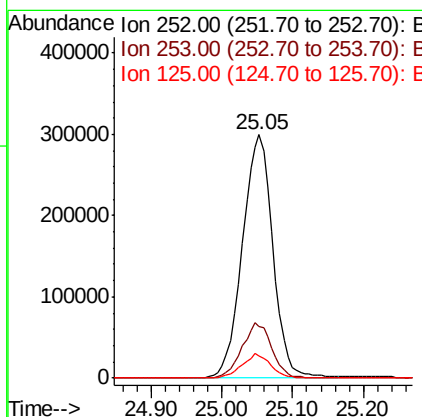
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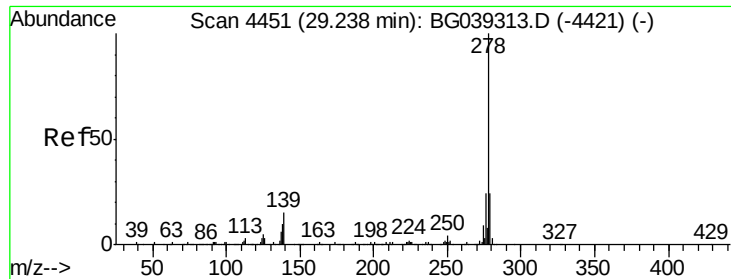
Sohil
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#90
Benzo(a)pyrene
Concen: 48.198 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.1	8.3	12.5





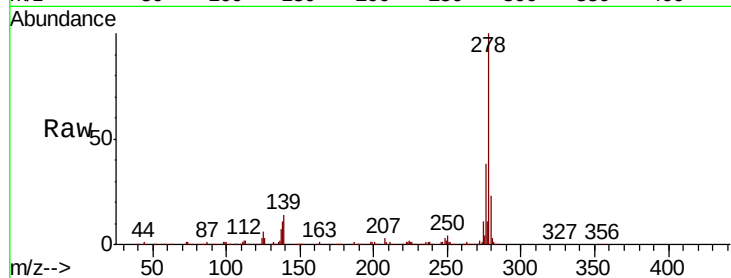
#91
Dibenzo(a,h)anthracene
Concen: 44.525 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Instrument :
BNA_G
ClientSampleId :
PB117160BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	22.8	19.1	28.7

Manual Integrations
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Sohil
2/19/2019 9:57:12 AM

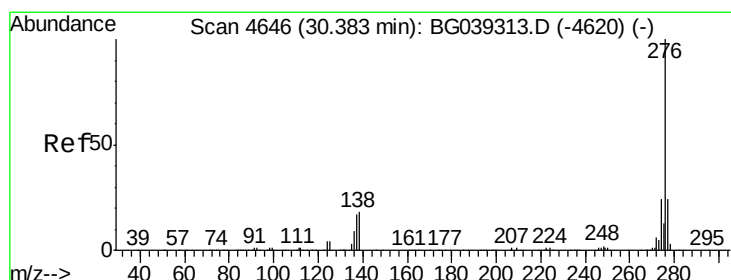
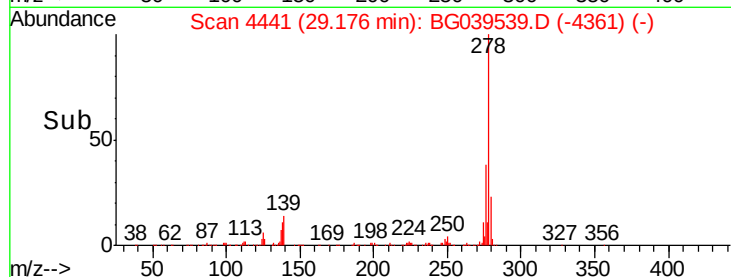
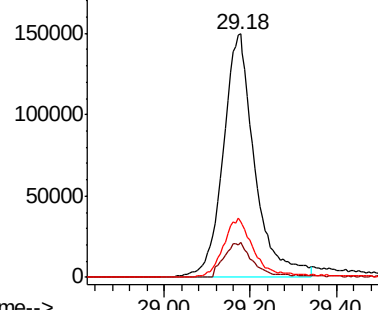


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.711 ng
RT: 30.33 min Scan# 4637
Delta R.T. -0.06 min
Lab File: BG039539.D
Acq: 18 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	18.3	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

