

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
 Data File : BG039123.D
 Acq On : 14 Jan 2019 16:32
 Operator : JU/SJ
 Sample : PB116353BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Manual Integrations
 APPROVED

Sohil
 1/15/2019 12:18:50 PM

Quant Time: Jan 14 23:04:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22223	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	101717	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	76100	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190652	20.00	ng	0.00
76) Chrysene-d12	21.70	240	198346	20.00	ng	0.00
87) Perylene-d12	24.97	264	177697	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	171328	146.25	ng	0.00
7) Phenol-d6	7.19	99	235592	139.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	119180	64.11	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	140997	110.53	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	347585	62.51	ng	0.00
79) Terphenyl-d14	20.02	244	711685	66.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	22394	48.814	ng	# 92
3) Pyridine	3.86	79	39496	31.684	ng	97
4) n-Nitrosodimethylamine	3.78	42	26906	47.966	ng	99
6) Aniline	7.35	93	73409	36.256	ng	99
8) 2-Chlorophenol	7.59	128	72756	52.686	ng	97
9) Benzaldehyde	7.17	77	5940	6.109	ng	87
10) Phenol	7.21	94	91738	54.274	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	56816	43.980	ng	99
12) 1,3-Dichlorobenzene	7.91	146	67124	40.570	ng	96
13) 1,4-Dichlorobenzene	8.06	146	70408	42.018	ng	99
14) 1,2-Dichlorobenzene	8.38	146	68131	42.643	ng	96
15) Benzyl Alcohol	8.27	79	65507	51.595	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	111066	44.836	ng	96
17) 2-Methylphenol	8.47	107	63366	53.989	ng	96
18) Hexachloroethane	9.10	117	23528	41.329	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	48659	43.951	ng	# 98
20) 3+4-Methylphenols	8.80	107	88155	52.681	ng	99
22) Acetophenone	8.86	105	103881	39.107	ng	# 99
24) Nitrobenzene	9.25	77	77628	41.316	ng	98
25) Isophorone	9.76	82	146307	45.692	ng	99
26) 2-Nitrophenol	9.96	139	43114	42.423	ng	92
27) 2,4-Dimethylphenol	10.00	122	73309	51.273	ng	90
28) bis(2-Chloroethoxy)methane	10.24	93	83631	43.458	ng	99
29) 2,4-Dichlorophenol	10.49	162	86360	48.619	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	84247	39.474	ng	99
31) Naphthalene	10.89	128	224541	44.014	ng	100
32) Benzoic acid	10.18	122	34897m	41.321	ng	
33) 4-Chloroaniline	11.01	127	68125	29.844	ng	97
34) Hexachlorobutadiene	11.15	225	57289	39.011	ng	98
35) Caprolactam	11.80	113	27406m	38.477	ng	
36) 4-Chloro-3-methylphenol	12.13	107	87251	45.926	ng	90
37) 2-Methylnaphthalene	12.49	142	176634	46.181	ng	98
38) 1-Methylnaphthalene	12.71	142	169867m	46.270	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	114532	40.074	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107280	67.606	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	77672	43.181	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	84200	44.289	nq	98
46) 1,1'-Biphenyl	13.50	154	237822	39.440	nq	99
47) 2-Chloronaphthalene	13.55	162	193538	39.662	nq	99
48) 2-Nitroaniline	13.76	65	58000	42.427	nq	95
49) Acenaphthylene	14.39	152	318084	43.369	nq	99
50) Dimethylphthalate	14.12	163	260539	40.514	nq	99
51) 2,6-Dinitrotoluene	14.26	165	58236	40.505	nq	97
52) Acenaphthene	14.73	154	182080	41.319	nq	96
53) 3-Nitroaniline	14.59	138	47125	32.310	nq	# 95
54) 2,4-Dinitrophenol	14.80	184	63698	74.499	nq	95
55) Dibenzofuran	15.07	168	316324	40.644	nq	99
56) 4-Nitrophenol	14.90	139	84412	80.435	nq	97
57) 2,4-Dinitrotoluene	15.04	165	83503	40.482	nq	97
58) Fluorene	15.71	166	253752	43.316	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	79965	44.559	nq	97
60) Diethylphthalate	15.47	149	261891	39.526	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	145175	39.335	nq	100
62) 4-Nitroaniline	15.76	138	61228	40.298	nq	97
63) Azobenzene	16.00	77	206292	39.814	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	52865	37.428	nq	96
66) n-Nitrosodiphenylamine	15.92	169	230822	40.840	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	100020	40.812	nq	99
68) Hexachlorobenzene	16.71	284	106756	39.920	nq	97
69) Atrazine	16.86	200	91567	38.137	nq	97
70) Pentachlorophenol	17.07	266	107904	66.372	nq	95
71) Phenanthrene	17.46	178	437467	43.411	nq	99
72) Anthracene	17.55	178	437729	43.932	nq	99
73) Carbazole	17.83	167	382453	38.883	nq	99
74) Di-n-butylphthalate	18.35	149	442174	40.410	nq	99
75) Fluoranthene	19.47	202	538004	43.066	nq	99
77) Benzidine	19.65	184	162791	26.834	nq	97
78) Pyrene	19.83	202	536288	42.427	nq	99
80) Butylbenzylphthalate	20.70	149	202695	42.161	nq	99
81) Benzo(a)anthracene	21.67	228	530615	43.946	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	162811	33.094	nq	96
83) Chrysene	21.74	228	494397	43.052	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	280536	42.025	nq	98
85) Di-n-octyl phthalate	22.75	149	479919	42.518	nq	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	605848	44.152	nq	# 98
88) Benzo(b)fluoranthene	23.92	252	611926	62.453	nq	97
89) Benzo(k)fluoranthene	23.99	252	563725	58.190	nq	97
90) Benzo(a)pyrene	24.82	252	517857	54.680	nq	99
91) Dibenzo(a,h)anthracene	28.79	278	508849	54.017	nq	100
92) Benzo(g,h,i)perylene	29.92	276	504326	54.078	nq	99

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

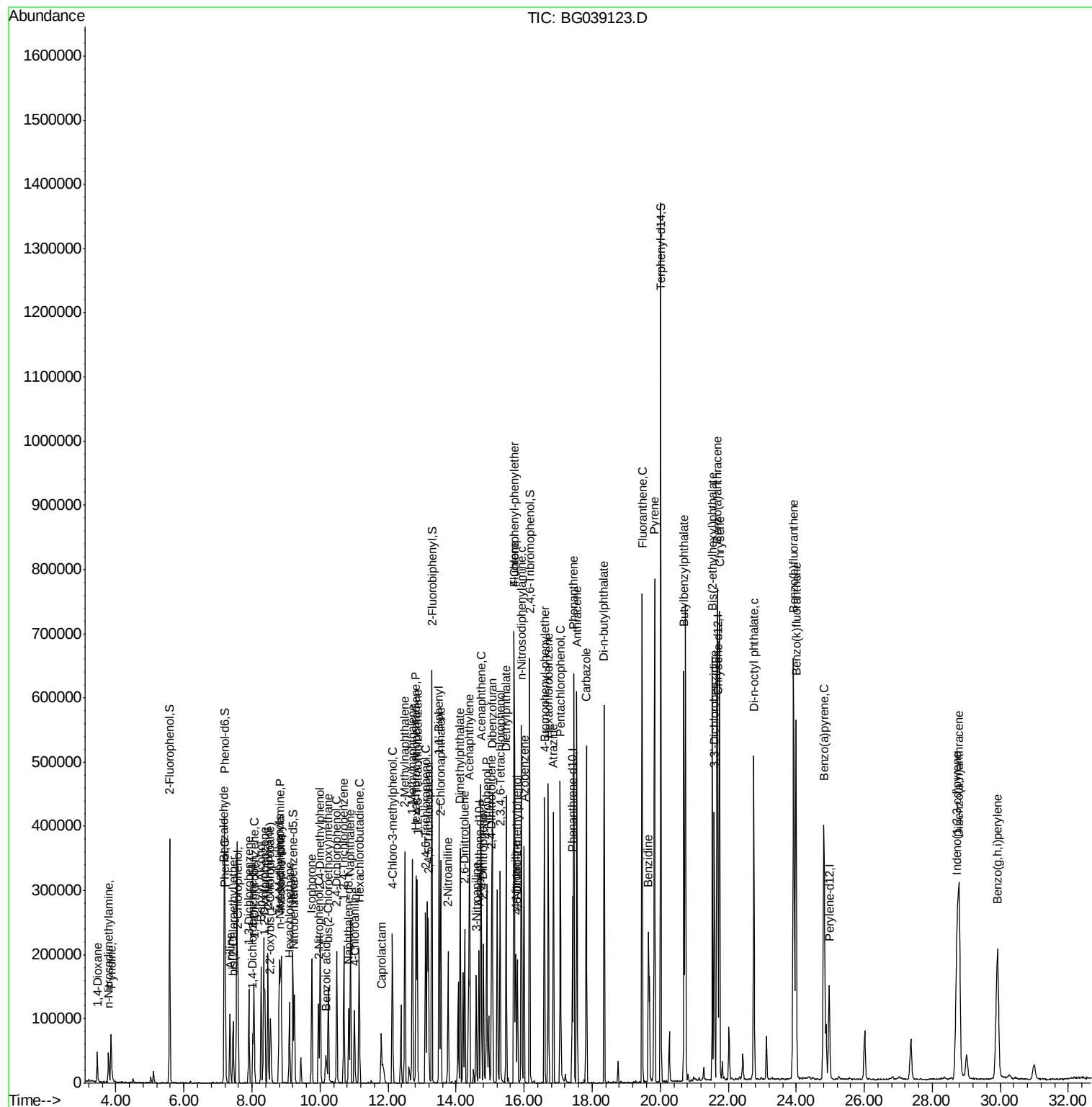
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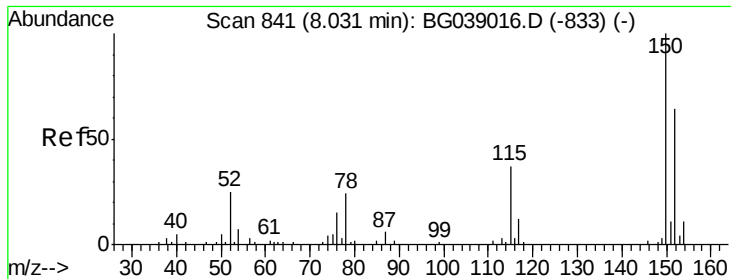
Instrument :
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#1

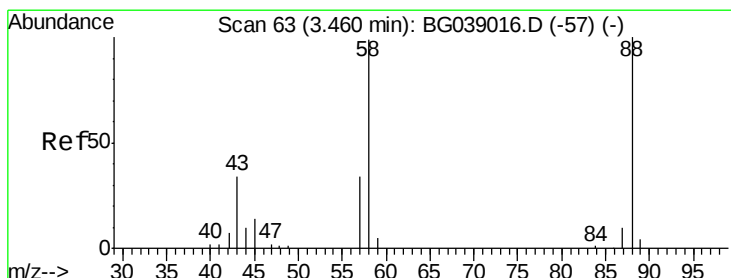
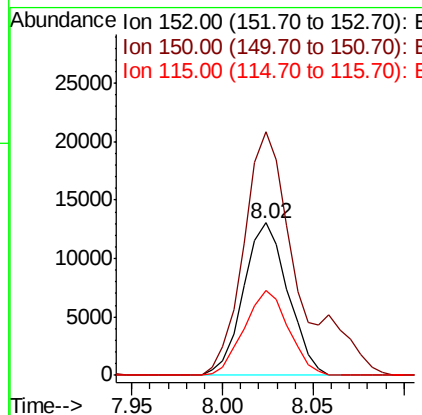
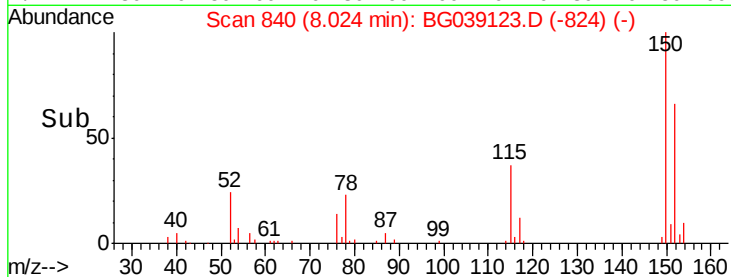
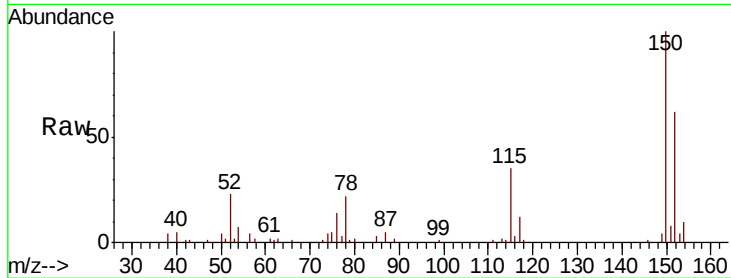
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleID :
PB116353BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.7	187.1
115	55.6	46.5	69.7

Manual Integrations
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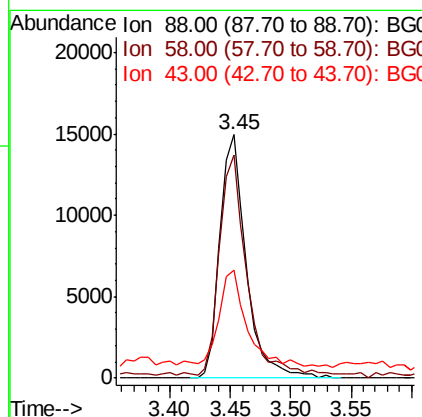
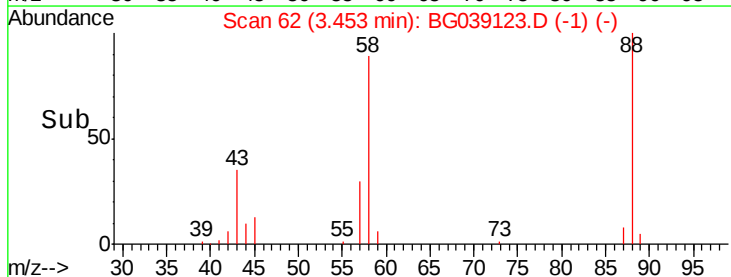
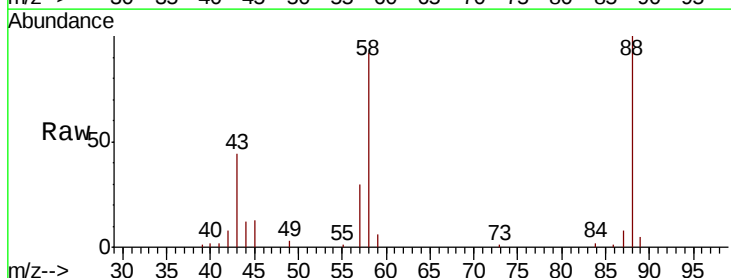
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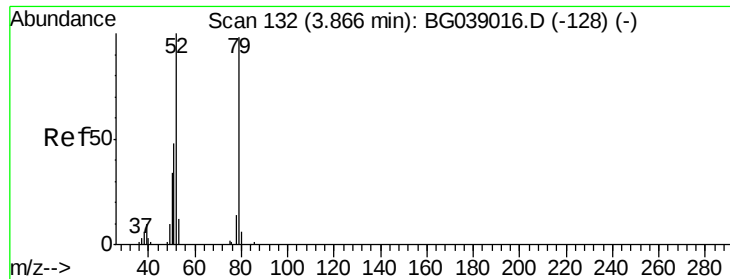


#2

1,4-Dioxane
Concen: 48.814 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	72.4	108.6
43	44.2	27.6	41.4





#3

Pvridine

Concen: 31.684 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

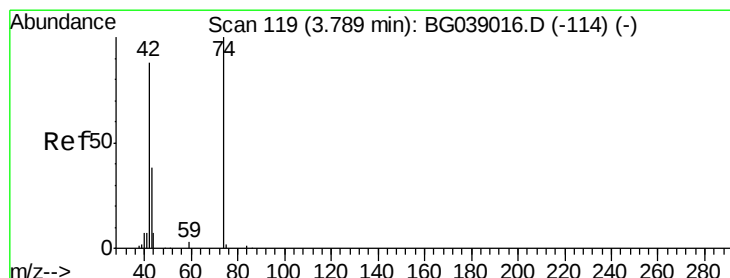
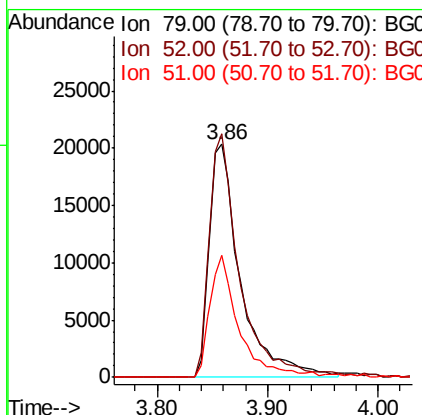
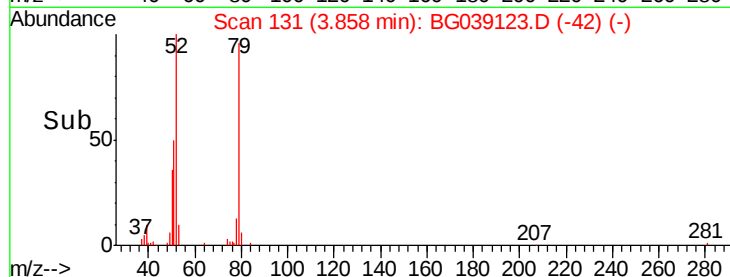
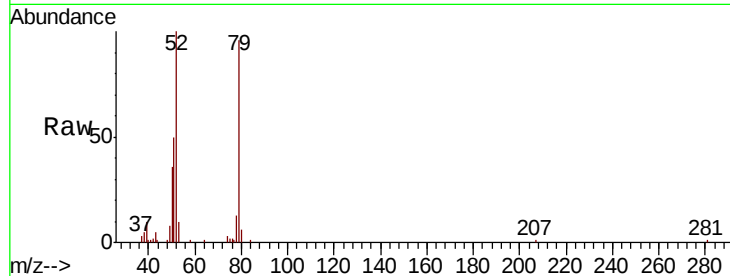
ClientSampleId :

PB116353BS

Tot Ion:	79	Resp:	39496
Ion	Ratio	Lower	Upper
79	100		
52	104.4	81.5	122.3
51	52.2	39.8	59.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.966 ng

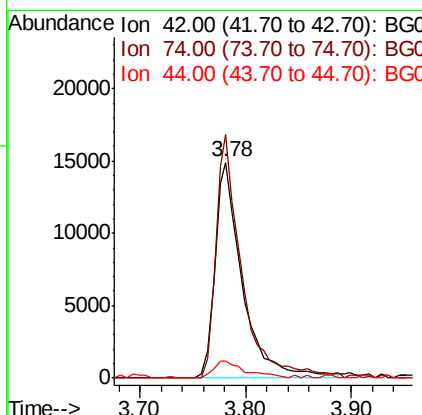
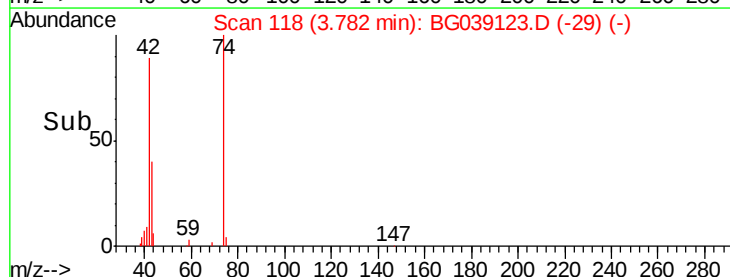
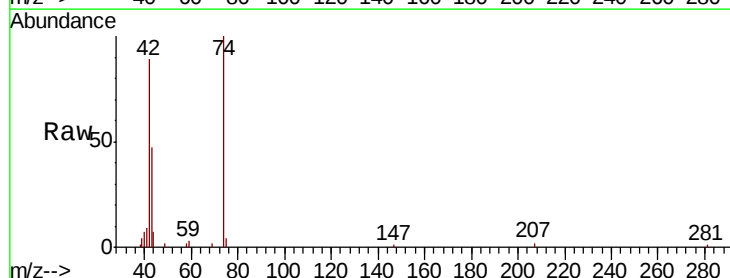
RT: 3.78 min Scan# 118

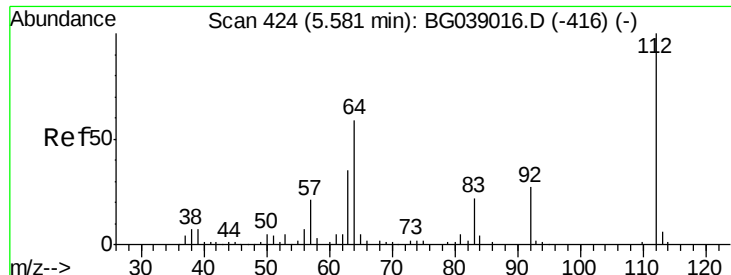
Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	42	Resp:	26906
Ion	Ratio	Lower	Upper
42	100		
74	112.8	90.7	136.1
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 146.248 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

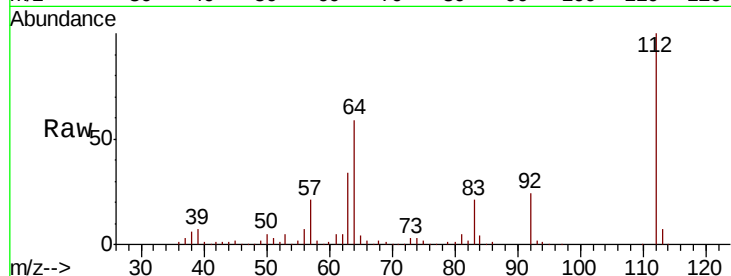
ClientSampled :

PB116353BS

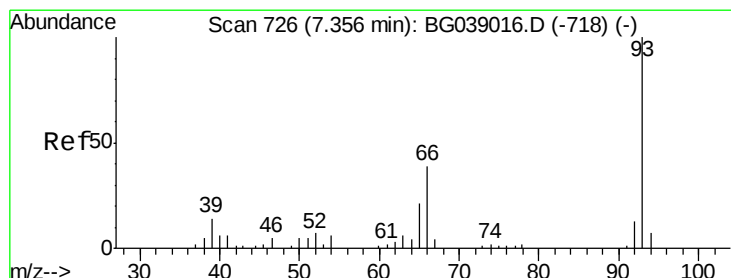
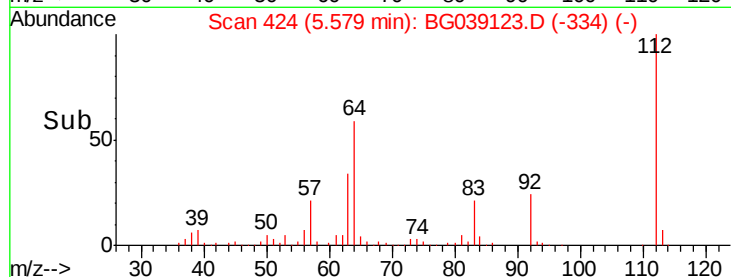
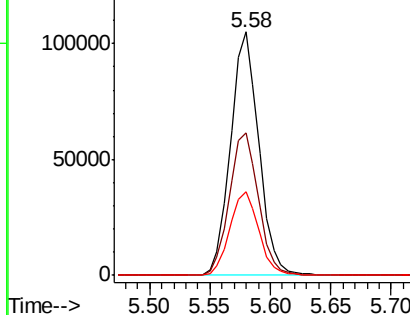
Tot Ion:	112	Resp:	171328
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.0	70.6
63	34.2	28.0	42.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.256 ng

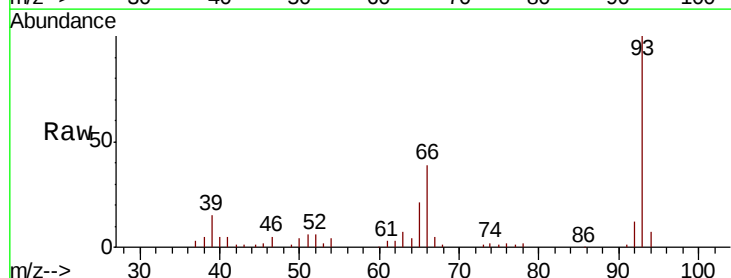
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

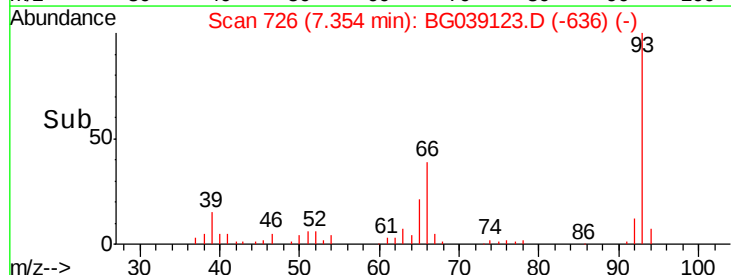
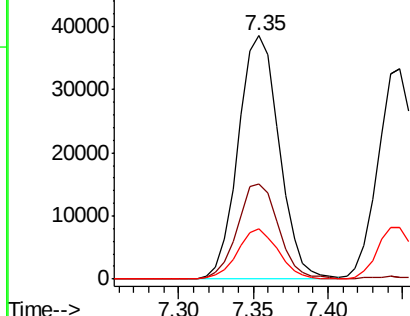
Lab File: BG039123.D

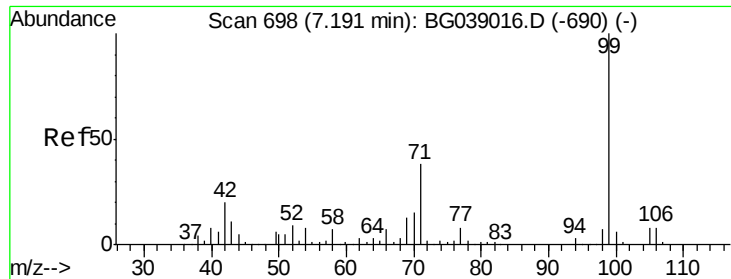
Acq: 14 Jan 2019 16:32

Tgt Ion:	93	Resp:	73409
Ion Ratio	Lower	Upper	
93	100		
66	39.0	30.9	46.3
65	20.8	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.740 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

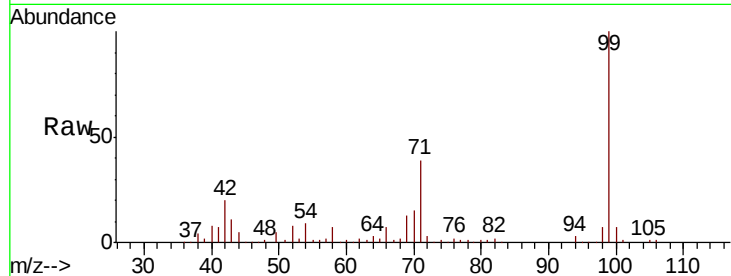
ClientSampleId :

PB116353BS

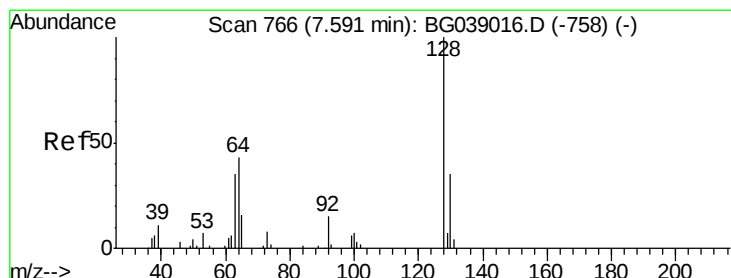
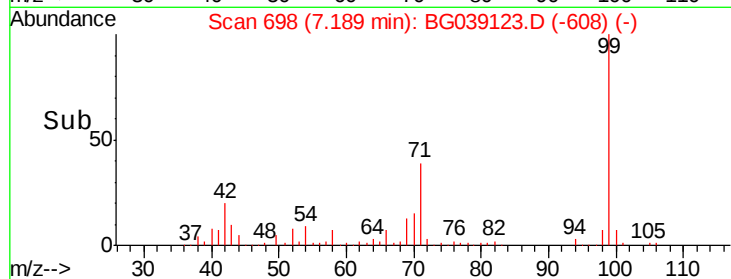
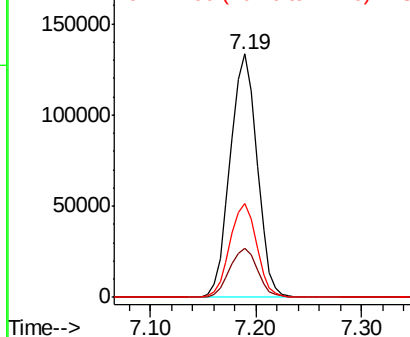
Tot Ion:	99	Resp:	235592
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	38.7	30.2	45.4

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



#8

2-Chlorophenol

Concen: 52.686 ng

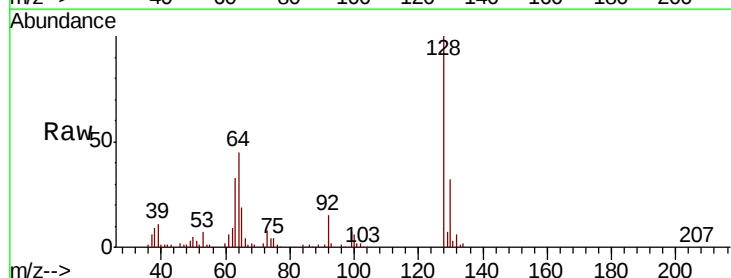
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

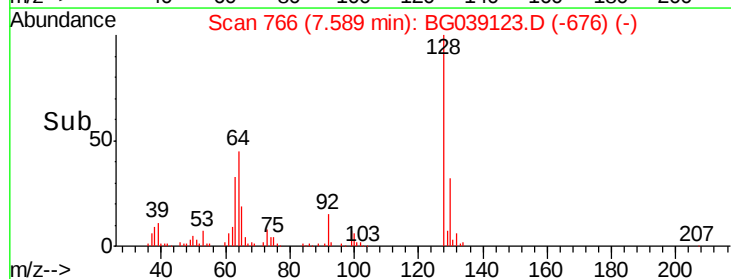
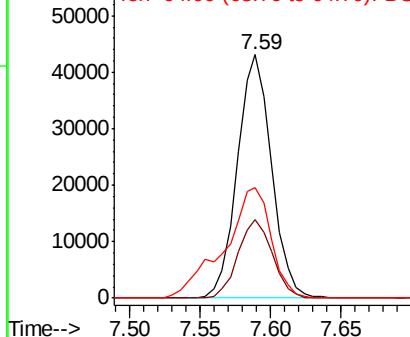
Lab File: BG039123.D

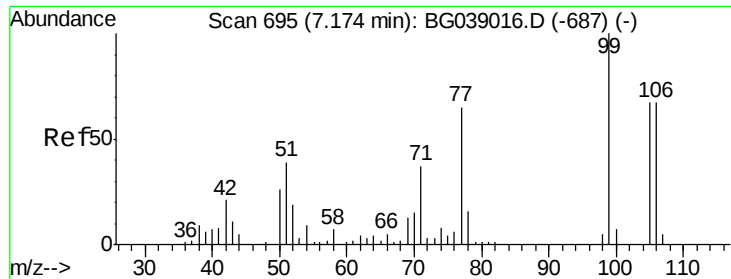
Acq: 14 Jan 2019 16:32

Tgt Ion:	128	Resp:	72756
Ion Ratio	Lower	Upper	
128	100		
130	32.4	14.5	54.5
64	45.1	27.3	67.3



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





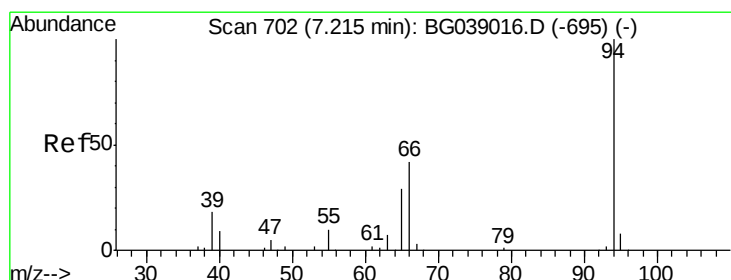
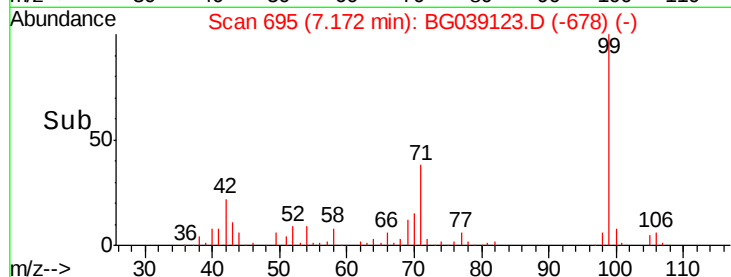
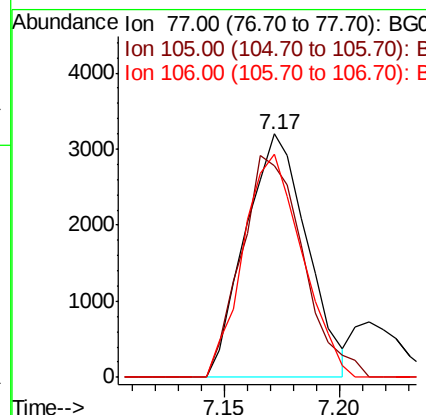
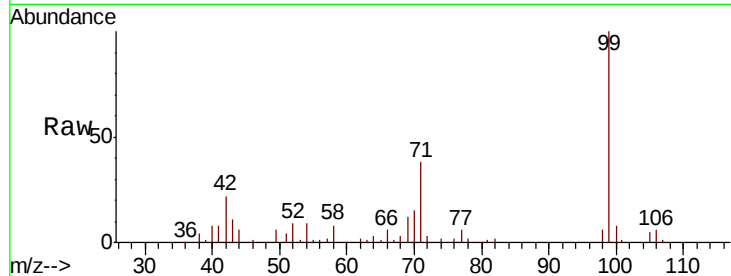
#9
Benzaldehyde
Concen: 6.109 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.9	82.4	122.4
106	91.6	82.8	122.8

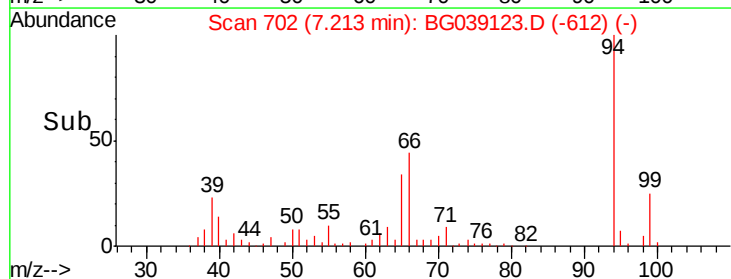
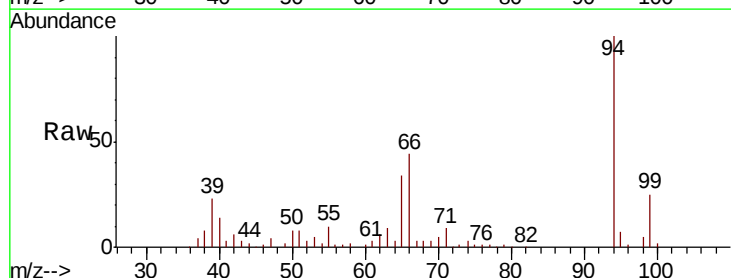
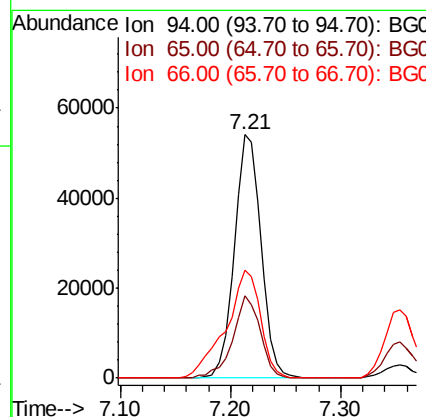
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#10
Phenol
Concen: 54.274 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	10.3	50.3
66	44.4	25.1	65.1





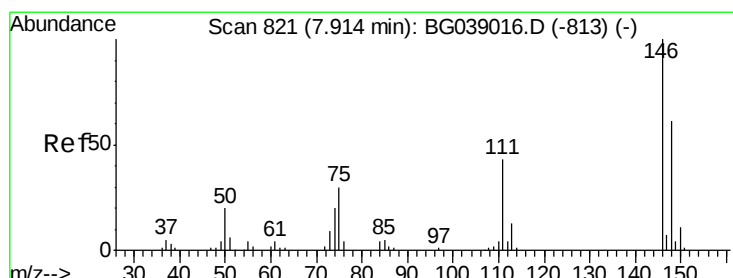
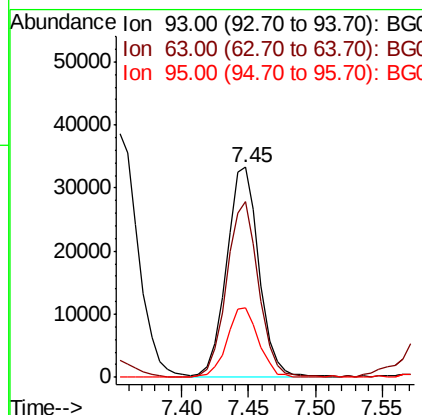
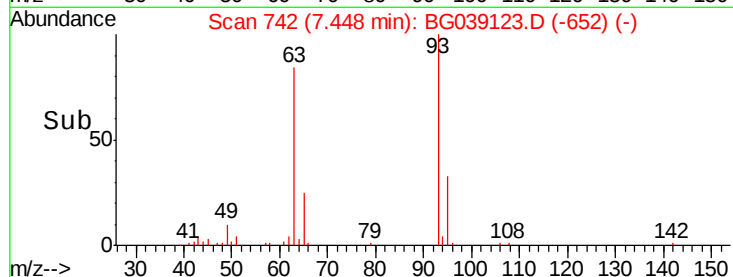
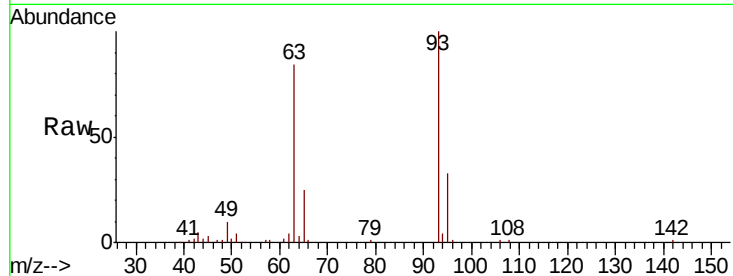
#11
bis(2-Chloroethyl)ether
Concen: 43.980 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	63.2	103.2
95	32.9	11.2	51.2

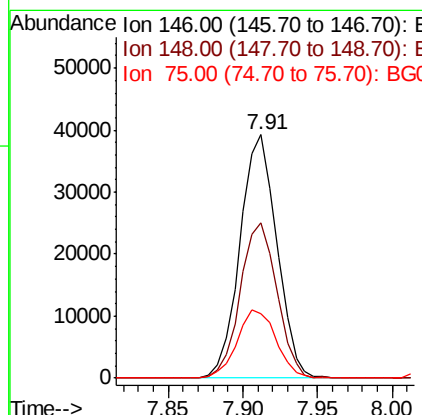
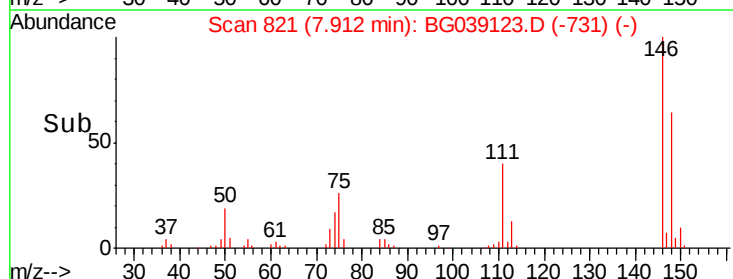
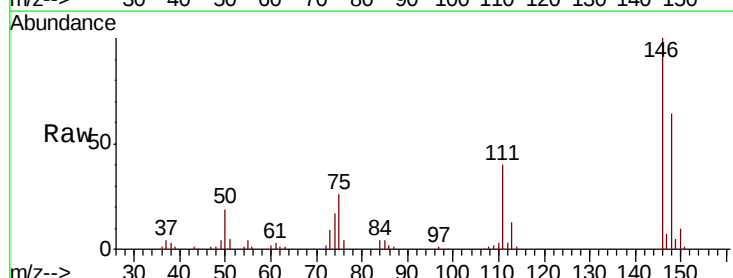
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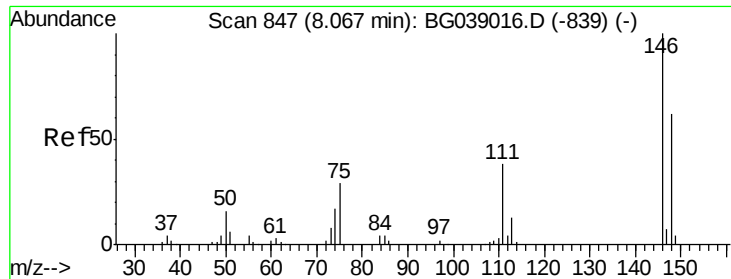
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#12
1,3-Dichlorobenzene
Concen: 40.570 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.1	73.7
75	26.2	23.9	35.9





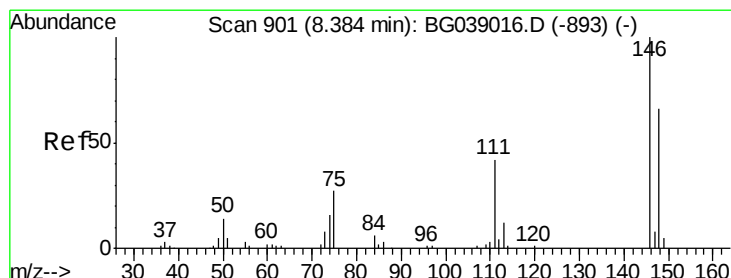
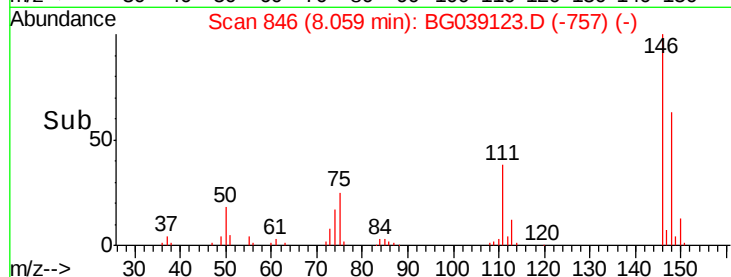
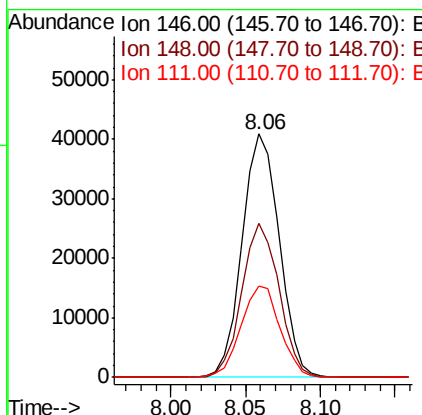
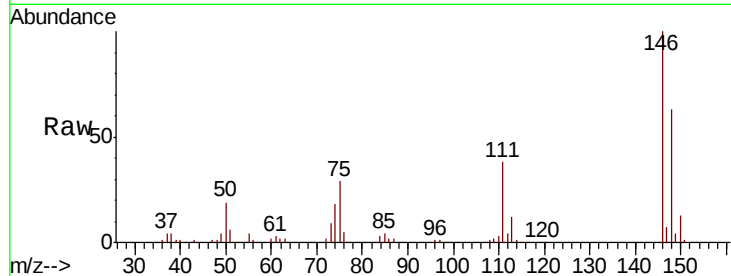
#13
 1,4-Dichlorobenzene
 Concen: 42.018 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleID :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.6
111	37.5	30.6	45.8

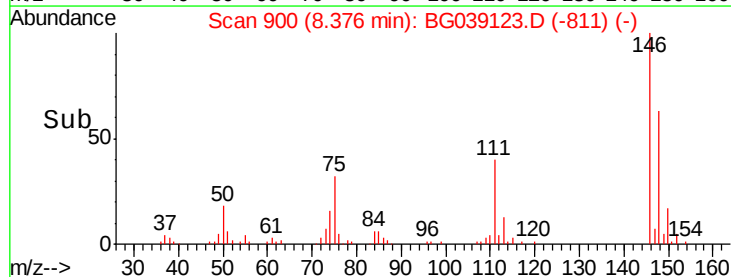
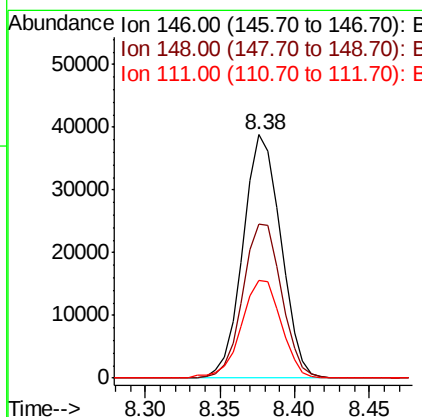
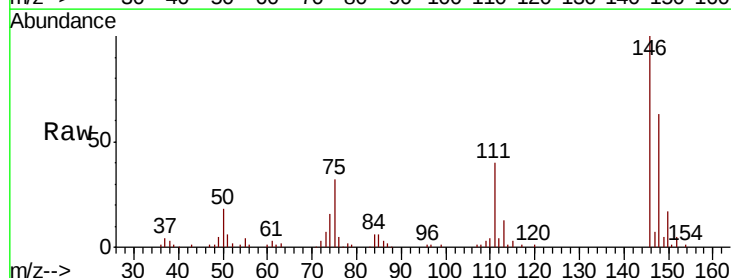
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#14
 1,2-Dichlorobenzene
 Concen: 42.643 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
111	40.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 51.595 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

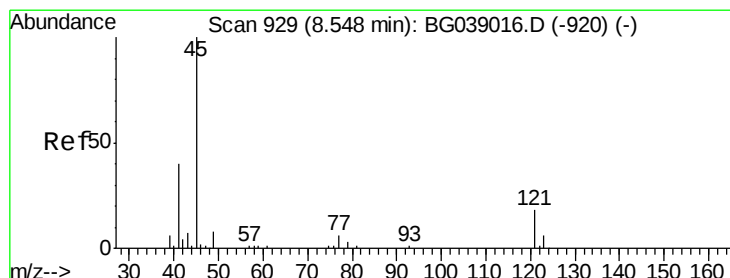
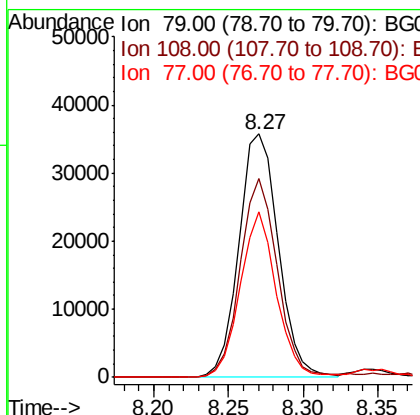
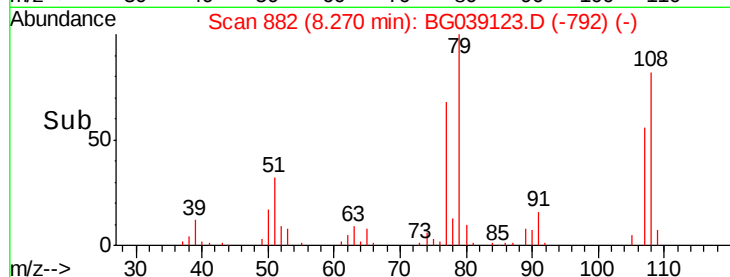
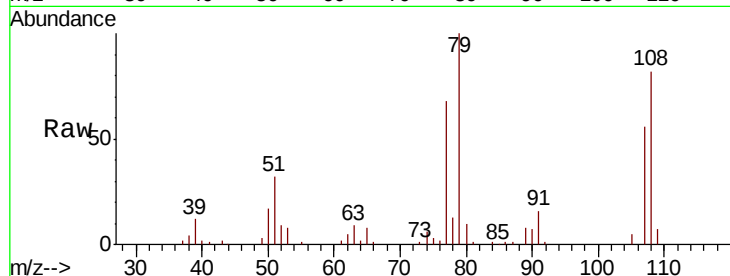
ClientSampleId :

PB116353BS

Tot Ion:	79	Resp:	65507
Ion Ratio	Lower	Upper	
79	100		
108	81.7	62.0	93.0
77	68.2	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.836 ng

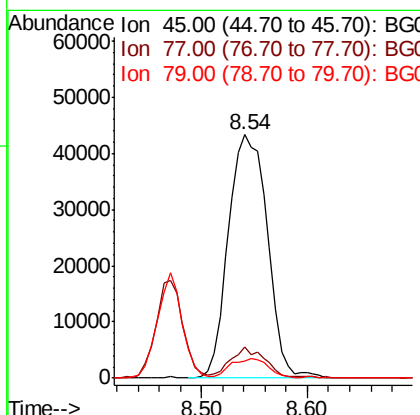
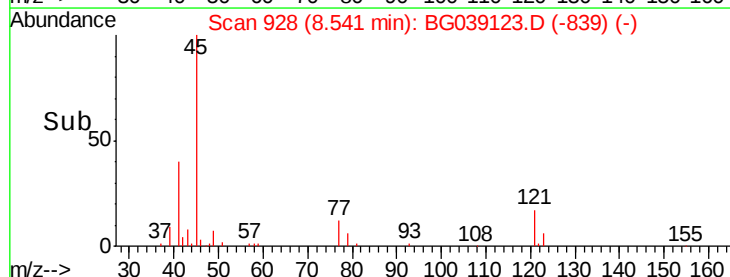
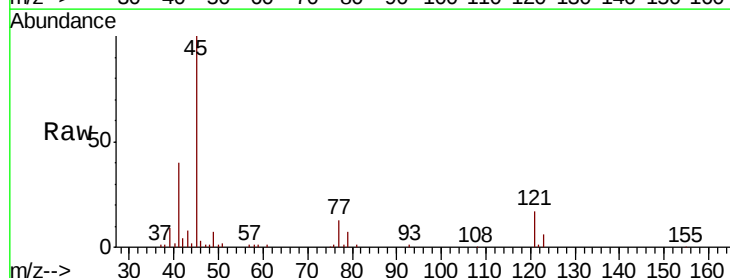
RT: 8.54 min Scan# 928

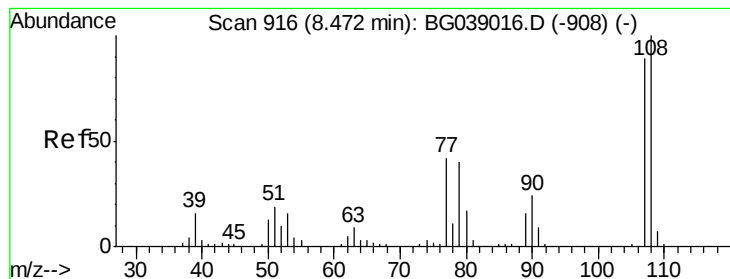
Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	45	Resp:	111066
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.7
79	7.2	0.0	28.5





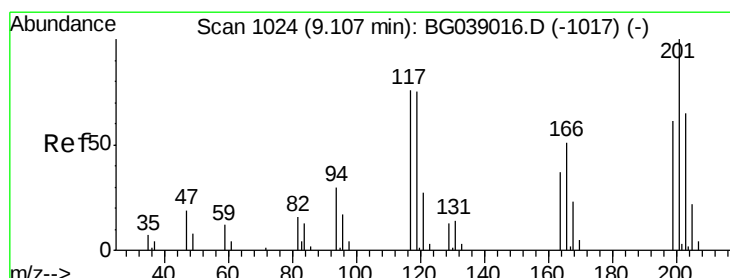
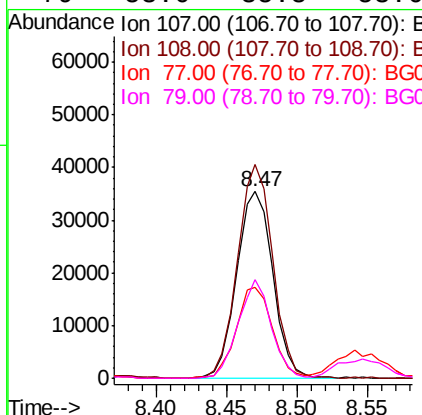
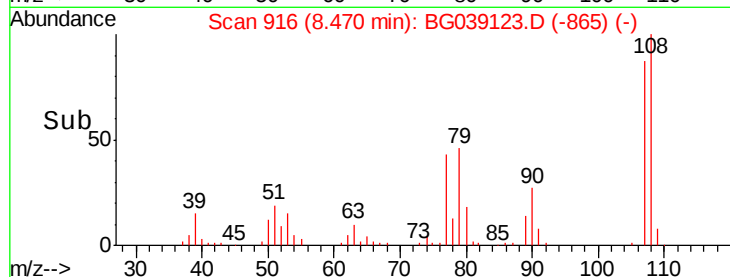
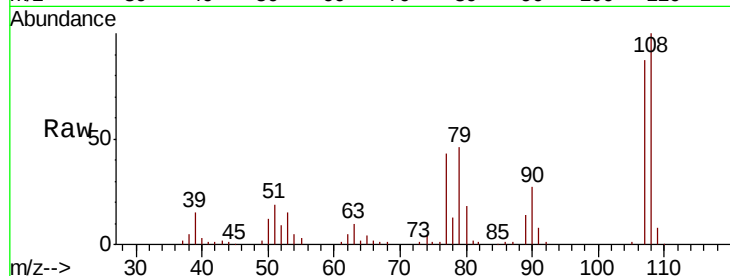
#17
2-Methylphenol
Concen: 53.989 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.3	135.5
77	48.8	38.3	57.5
79	53.0	35.8	53.6

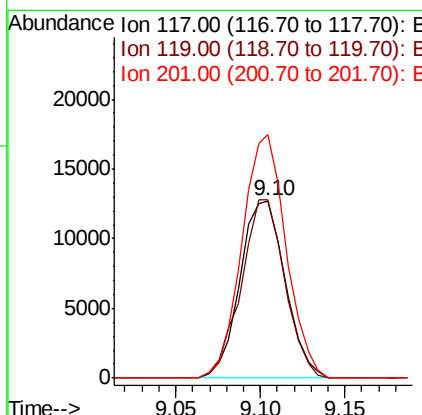
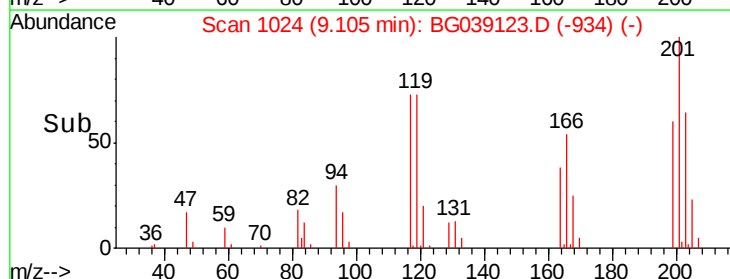
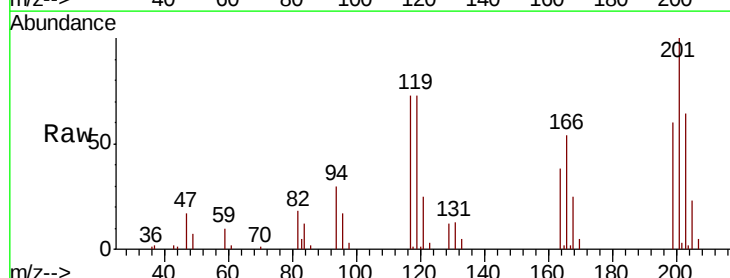
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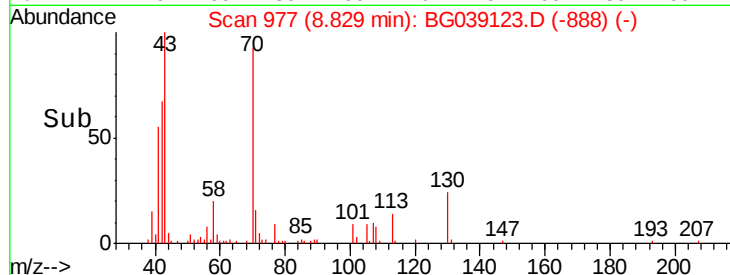
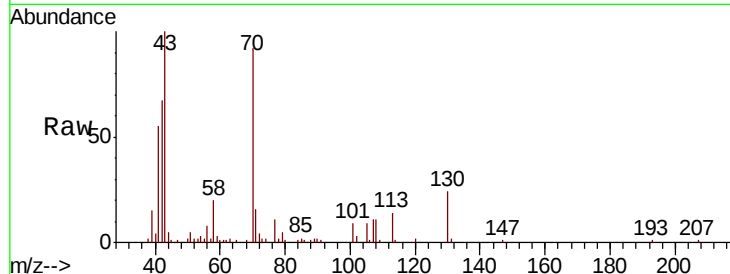
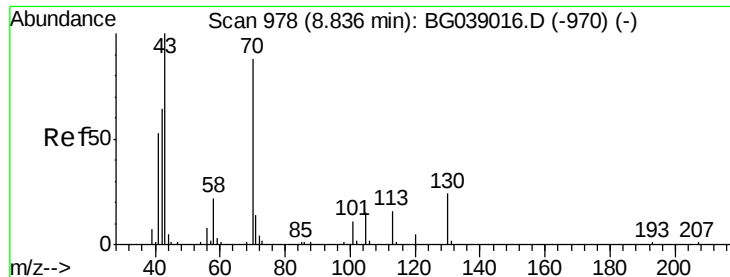
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#18
Hexachloroethane
Concen: 41.329 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.9	78.7	118.1
201	137.5	108.1	162.1





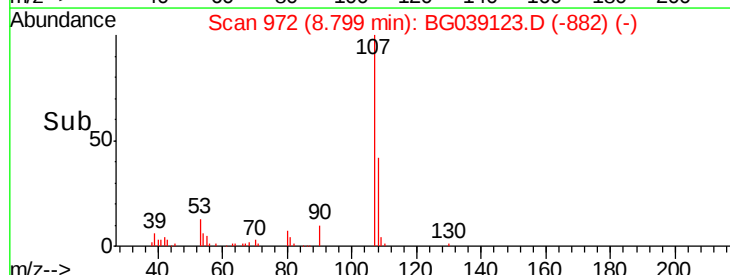
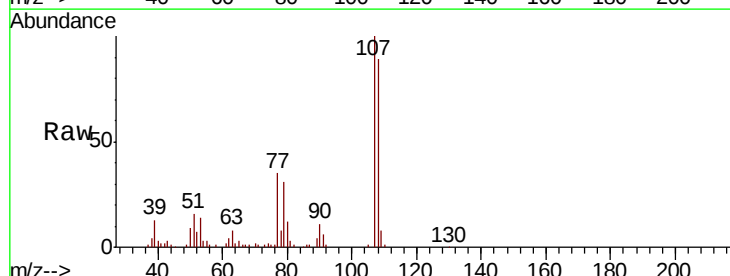
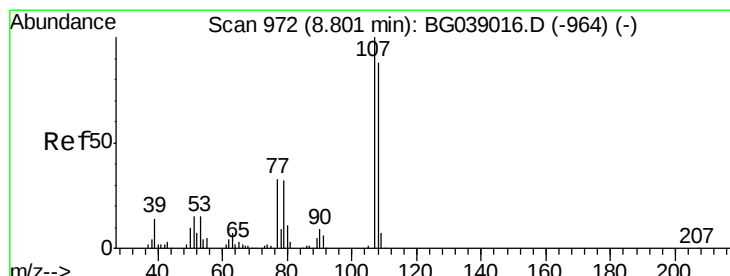
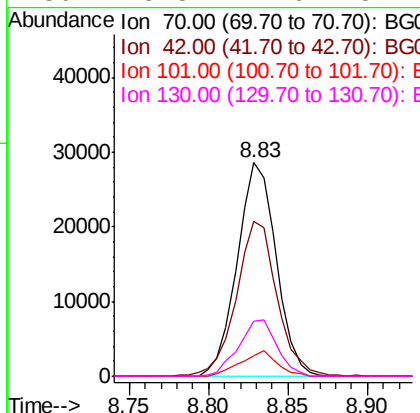
#19
n-Nitroso-di-n-propylamine
Concen: 43.951 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.4	59.0	88.4	
101	9.9	10.4	15.6	
130	25.8	21.6	32.4	

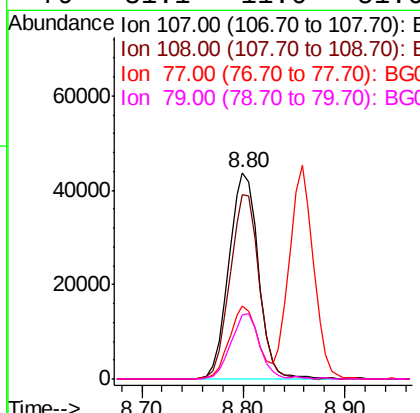
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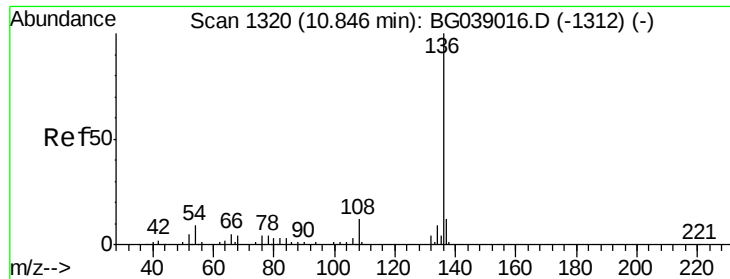
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#20
3+4-Methylphenols
Concen: 52.681 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	68.4	108.4	
77	35.2	13.3	53.3	
79	31.1	11.6	51.6	





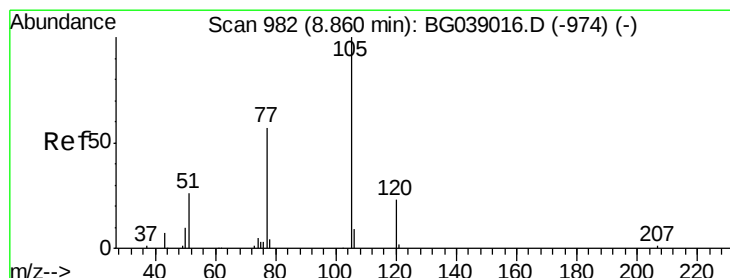
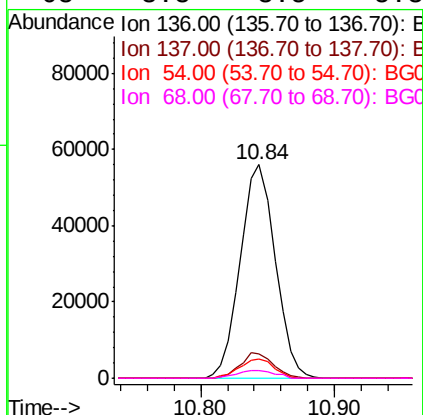
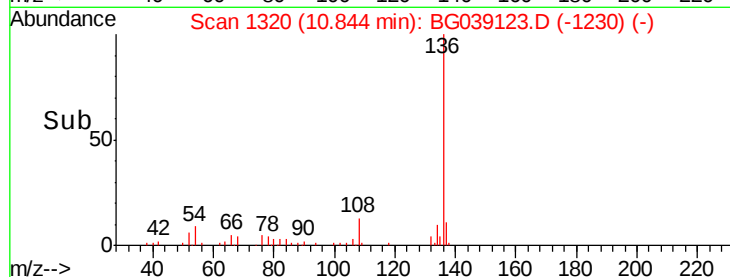
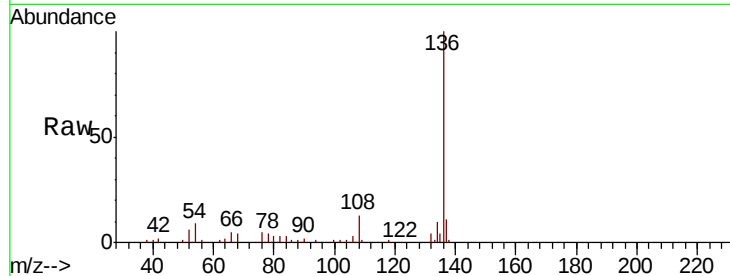
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	101717		
137	11.1		9.4	14.2
54	9.3		7.2	10.8
68	3.8		3.5	5.3

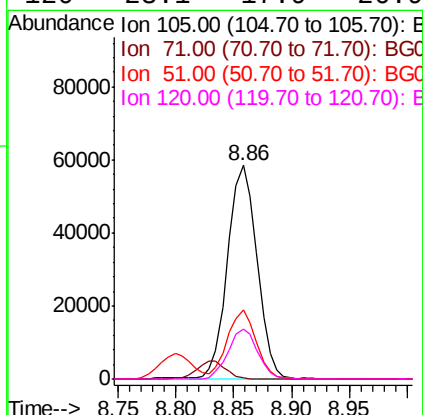
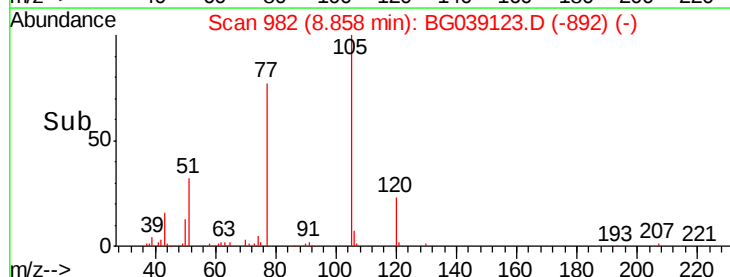
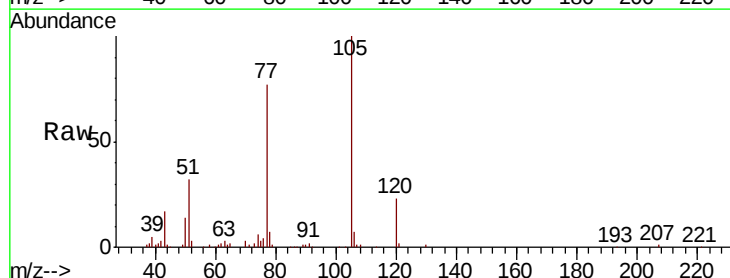
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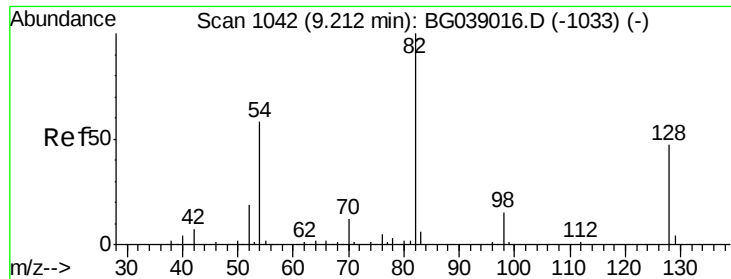
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#22
Acetophenone
Concen: 39.107 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	103881		
71	0.6		0.6	1.0#
51	32.4		26.6	39.8
120	23.1		17.9	26.9





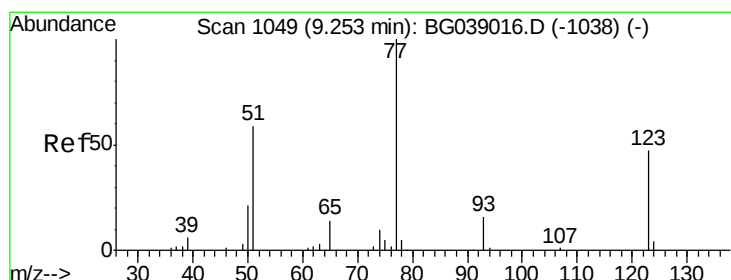
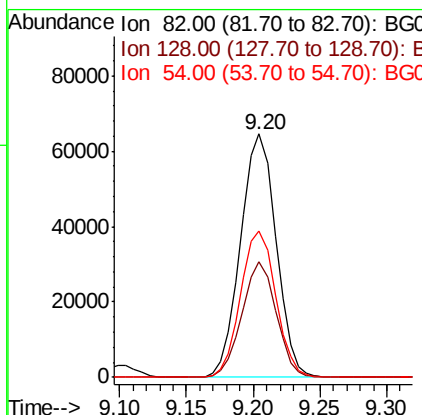
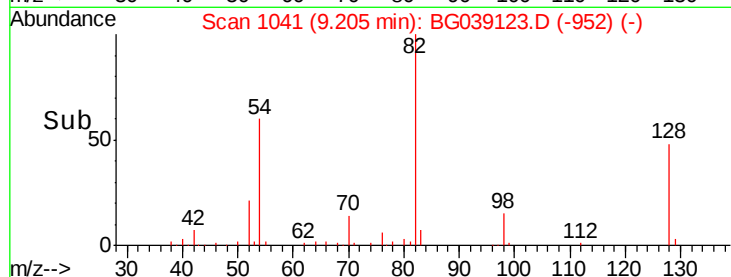
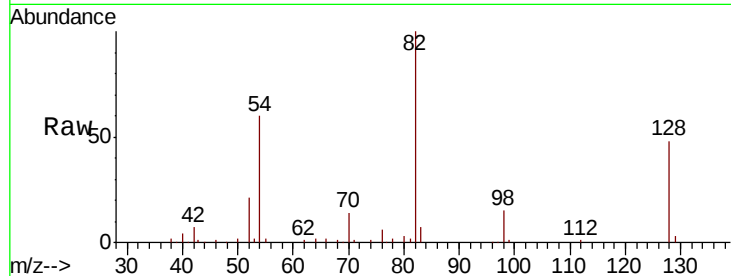
#23
 Nitrobenzene-d5
 Concen: 64.114 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.3	55.9
54	60.3	46.4	69.6

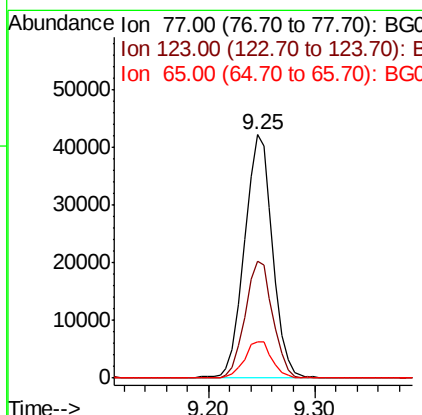
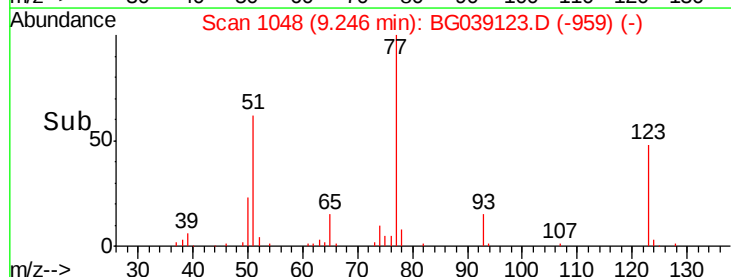
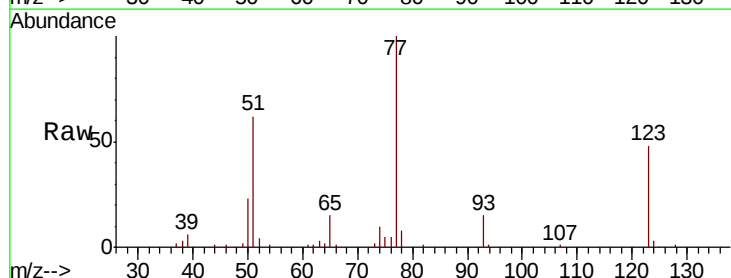
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#24
 Nitrobenzene
 Concen: 41.316 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.6	56.4
65	15.0	11.0	16.6





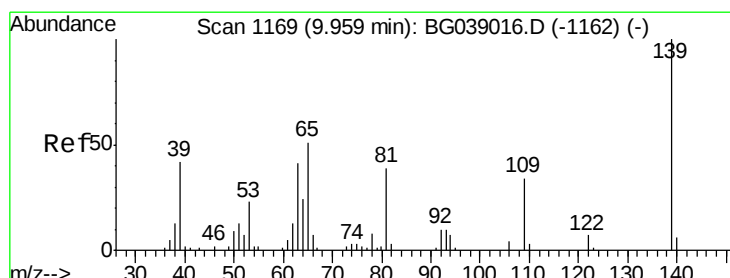
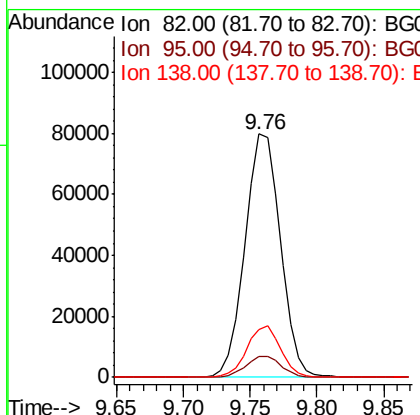
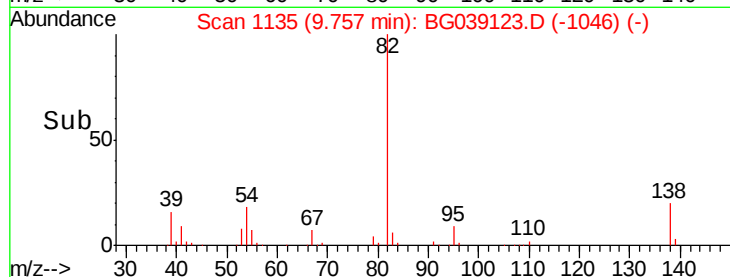
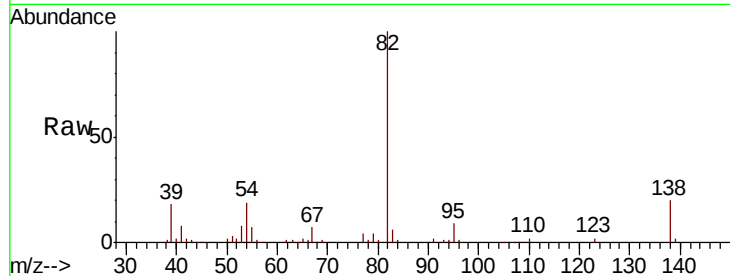
#25
Isophorone
Concen: 45.692 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleID :
PB116353BS

Tot Ion	82	Resp	146307
Ion	Ratio	Lower	Upper
82	100		
95	8.7	7.0	10.6
138	19.6	16.2	24.4

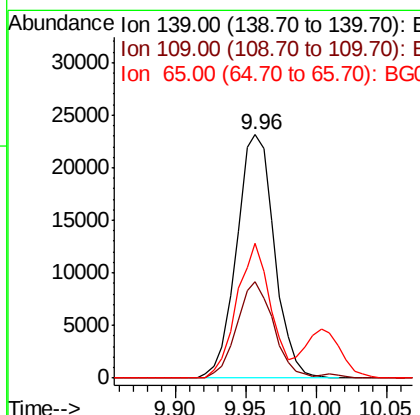
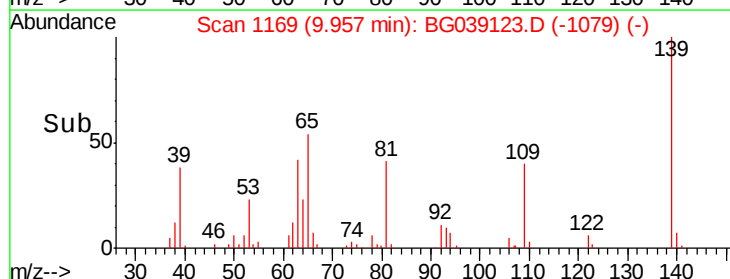
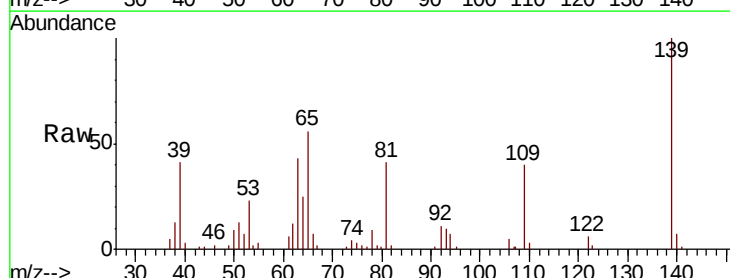
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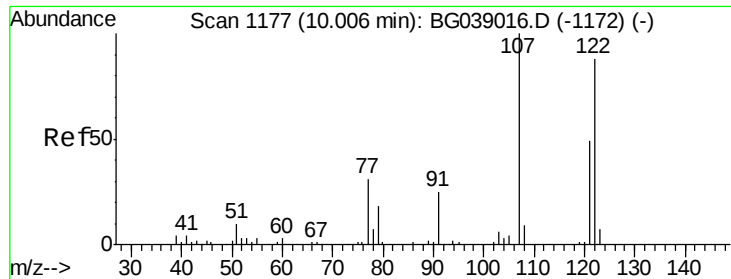
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#26
2-Nitrophenol
Concen: 42.423 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	139	Resp	43114
Ion	Ratio	Lower	Upper
139	100		
109	39.7	27.3	40.9
65	55.5	40.6	61.0





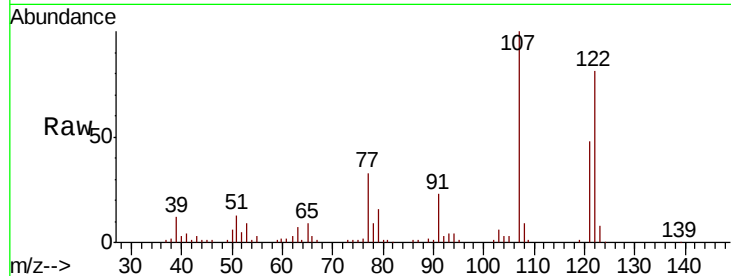
#27
2,4-Dimethylphenol
Concen: 51.273 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	88.8	133.2
121	59.2	43.1	64.7

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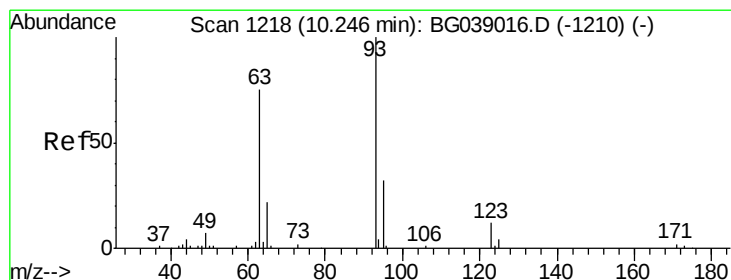
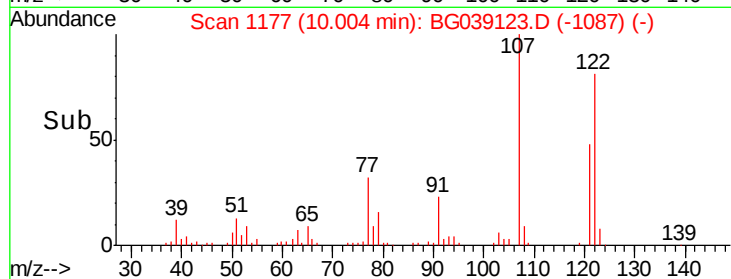
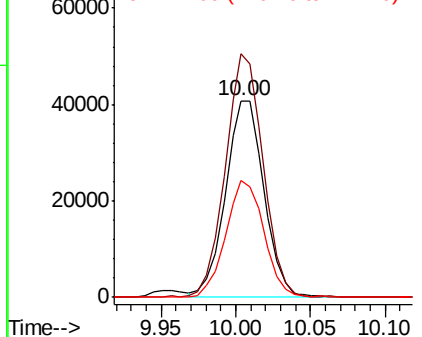


Abundance

Ion 122.00 (121.70 to 122.70): E

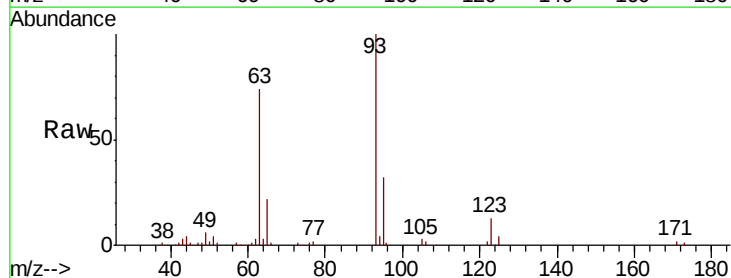
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.458 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	12.9	10.1	15.1

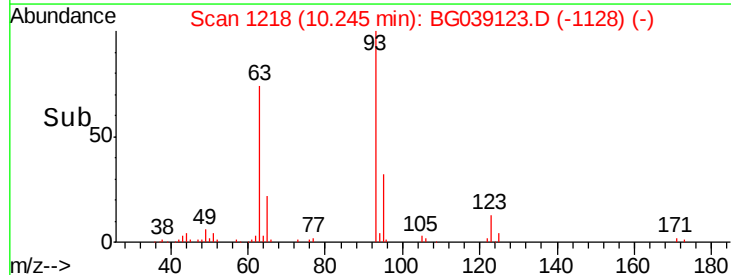
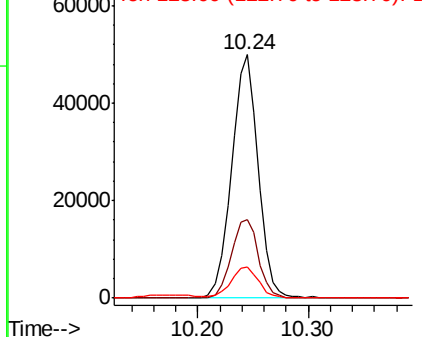


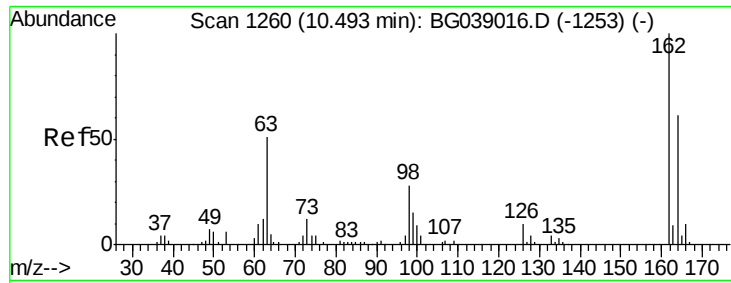
Abundance

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





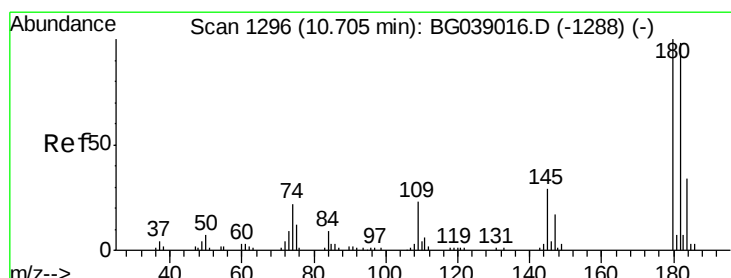
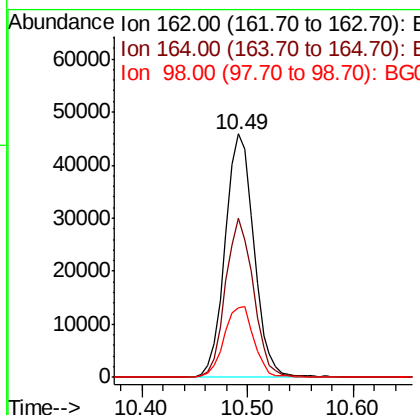
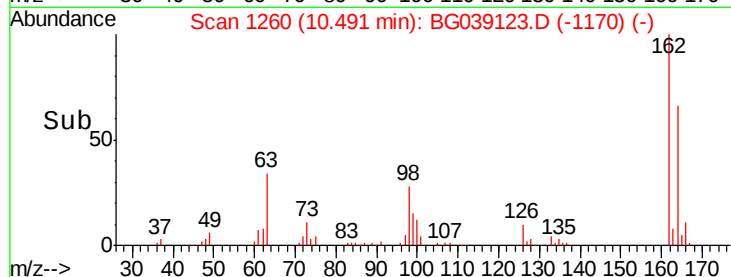
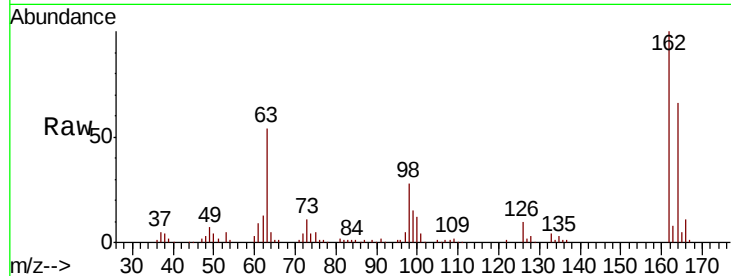
#29
 2,4-Dichlorophenol
 Concen: 48.619 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	41.3	81.3
98	28.5	8.3	48.3

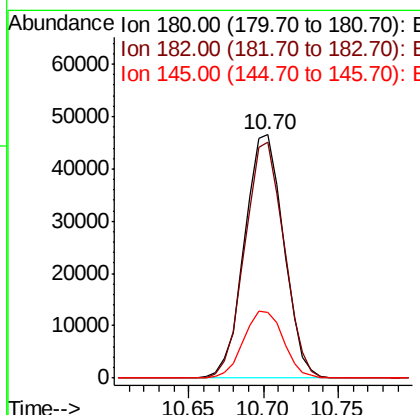
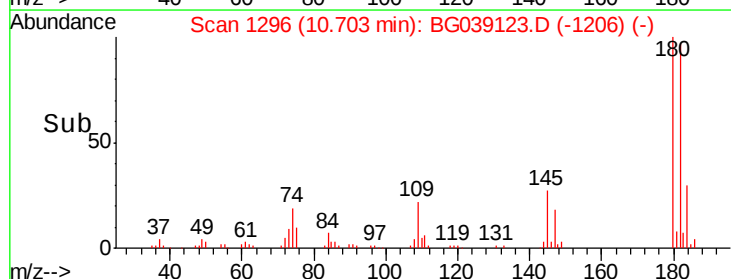
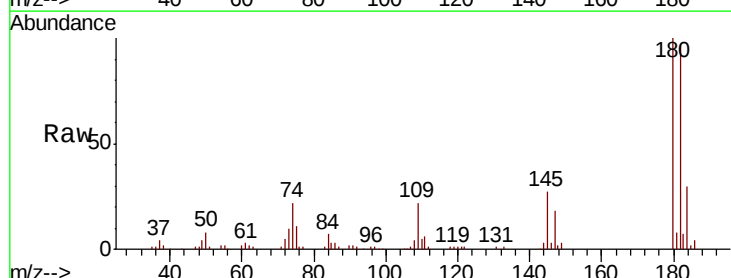
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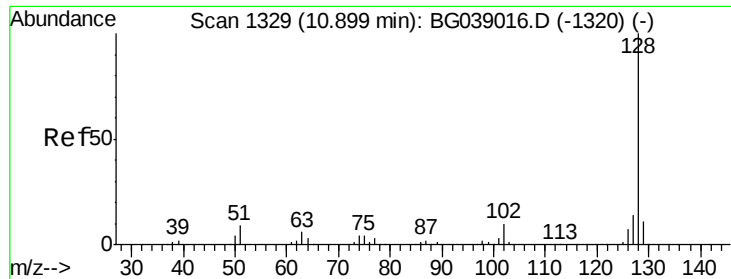
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.474 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.1	117.1
145	27.0	23.1	34.7





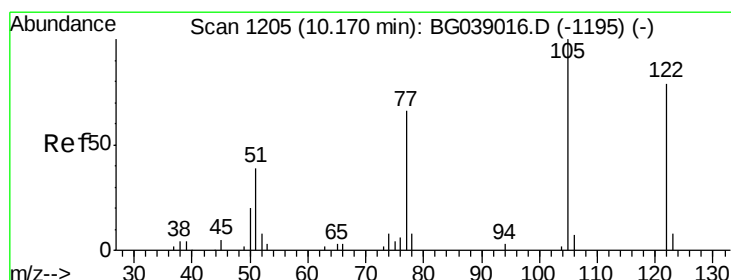
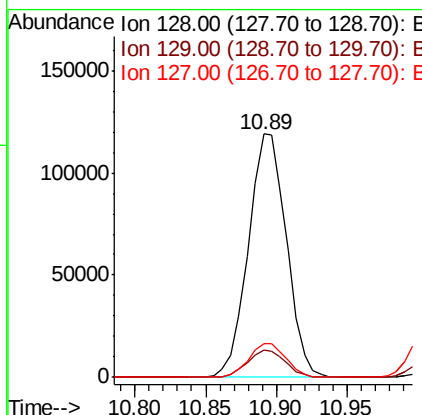
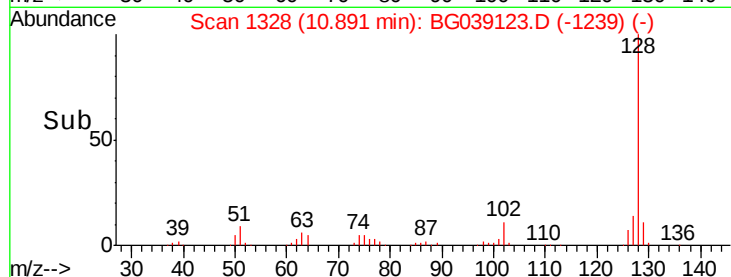
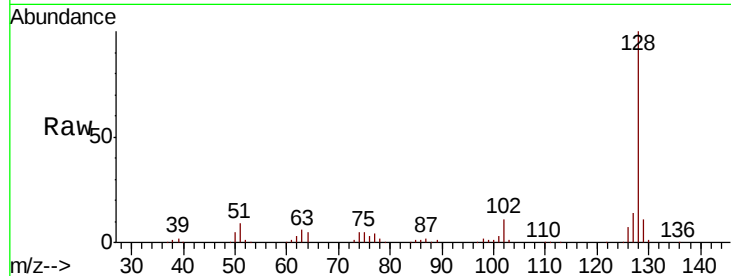
#31
Naphthalene
Concen: 44.014 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.8	11.2	16.8

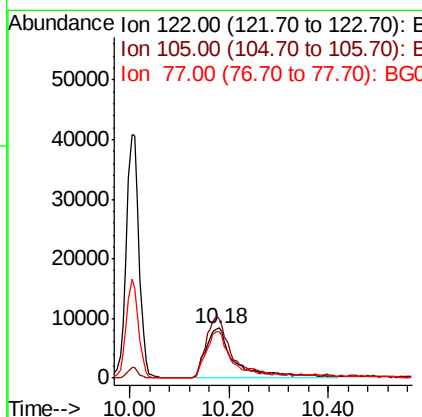
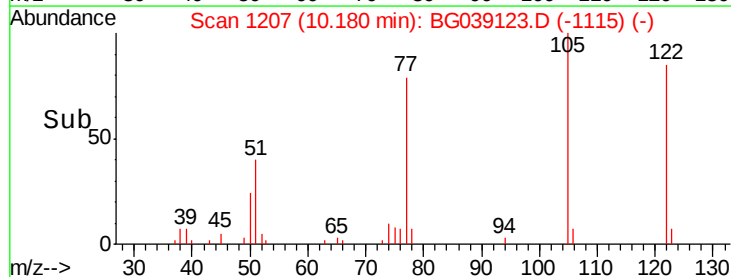
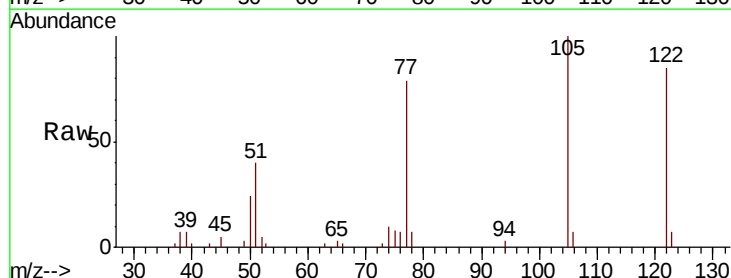
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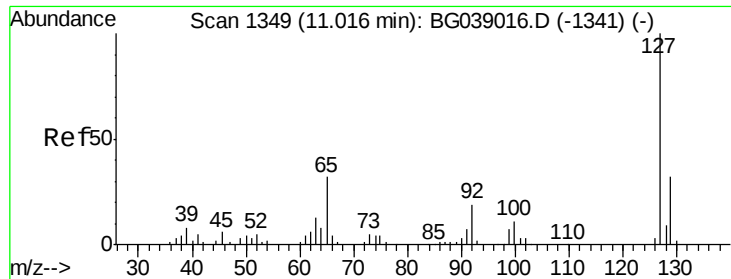
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#32
Benzoic acid
Concen: 41.321 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	106.4	146.4
77	92.6	63.6	103.6





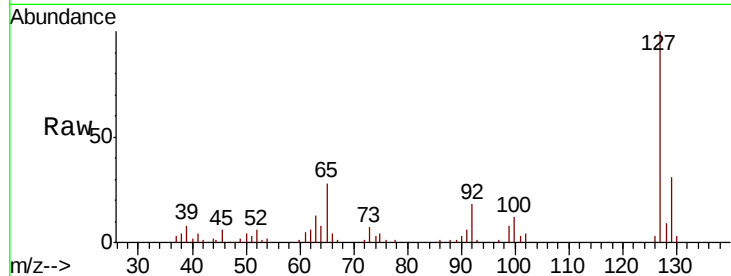
#33
4-Chloroaniline
Concen: 29.844 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	25.4	38.0		
65	28.1	25.4	38.0		
92	18.1	15.2	22.8		

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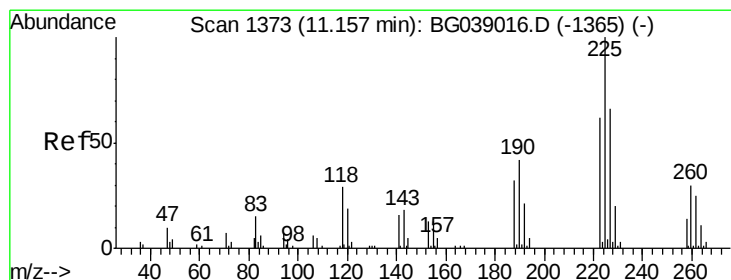
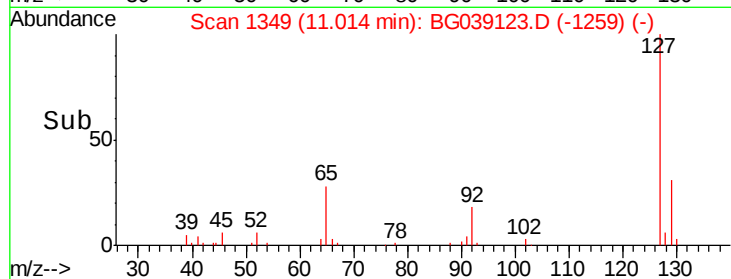
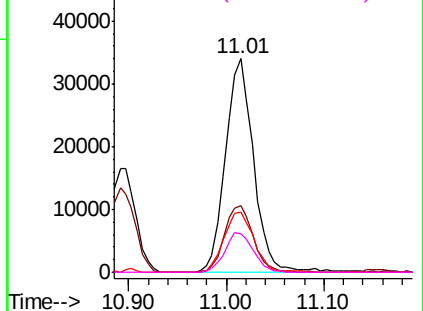
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.011 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

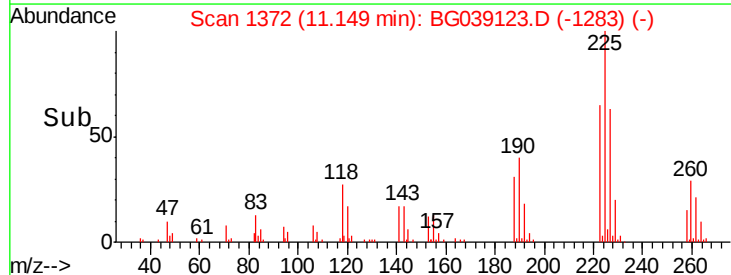
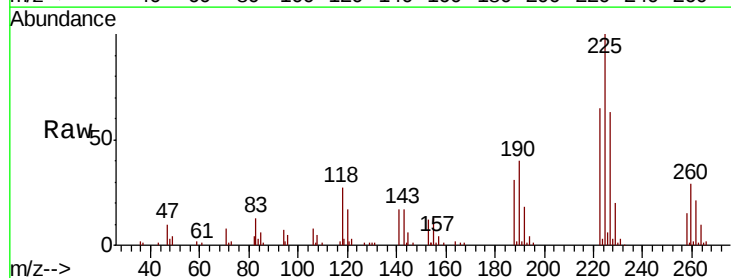
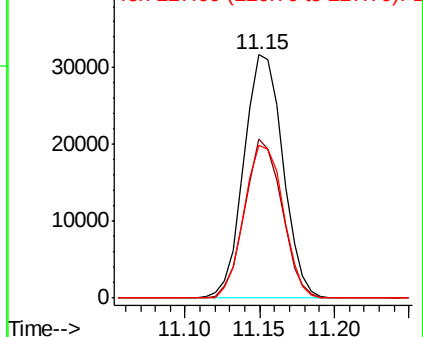
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2	50.2	75.4		
227	66.1	53.2	79.8		

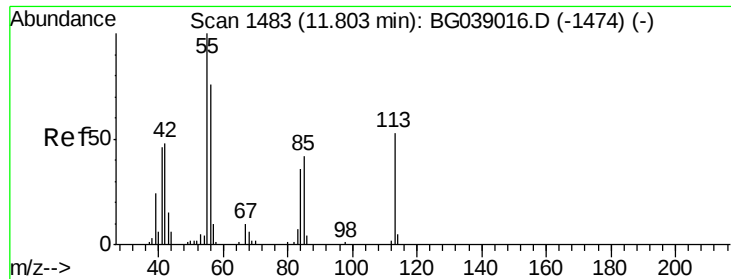
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.477 ng/ml

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB116353BS

Tot Ion:113 Resp: 27406

Ion Ratio Lower Upper

113 100

55 191.1 168.6 208.6

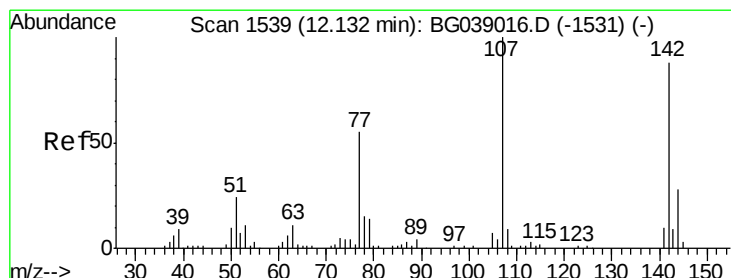
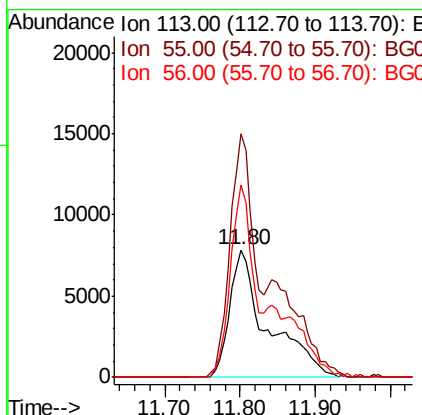
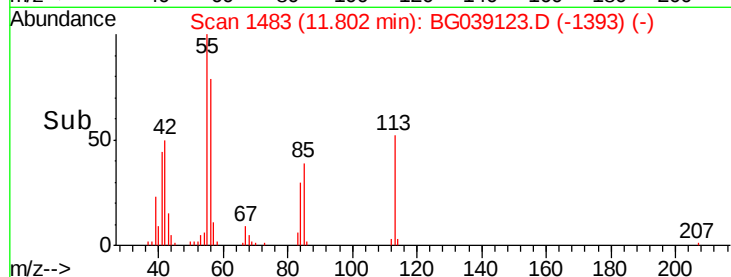
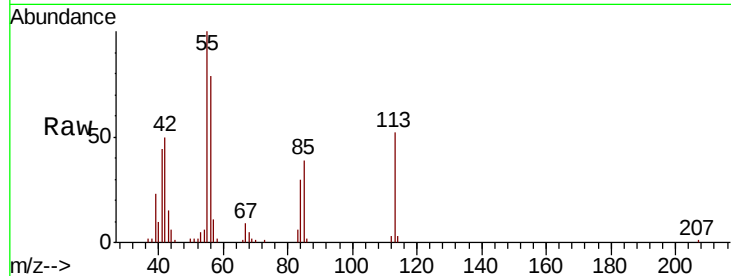
56 150.8 123.2 163.2

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#36

4-Chloro-3-methylphenol

Concen: 45.926 ng/ml

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

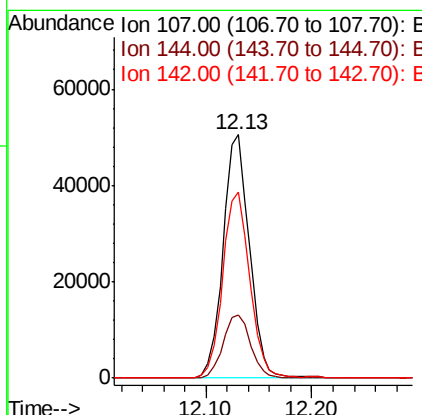
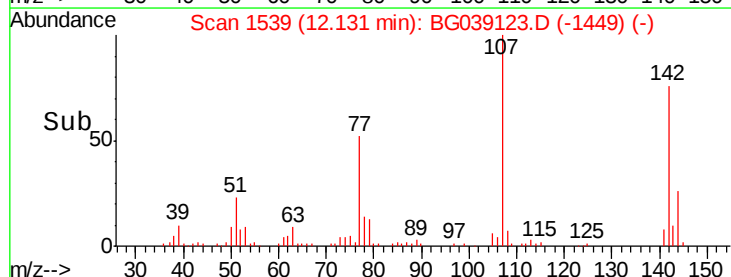
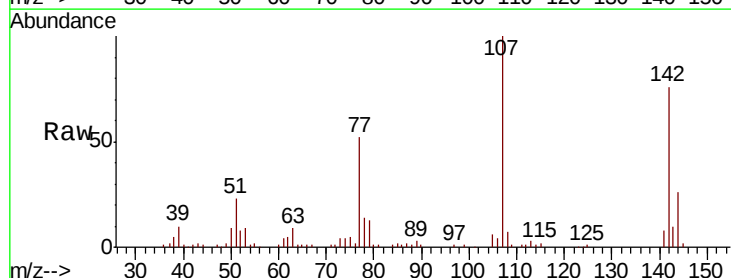
Tgt Ion:107 Resp: 87251

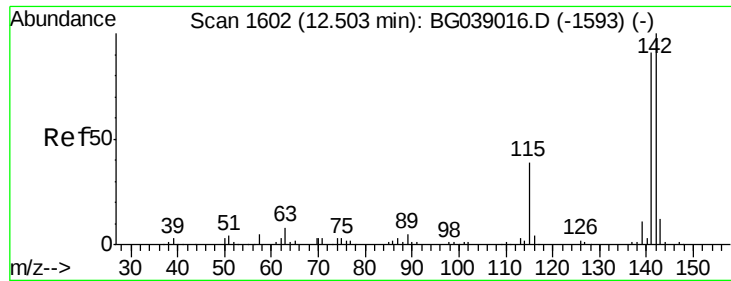
Ion Ratio Lower Upper

107 100

144 26.2 22.6 34.0

142 76.5 70.2 105.4





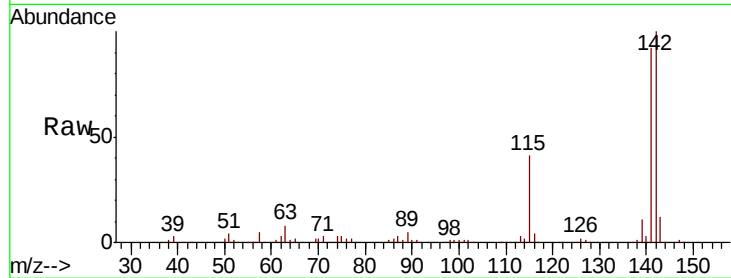
#37
2-Methylnaphthalene
Concen: 46.181 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampled :
PB116353BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
115	41.4	31.1	46.7

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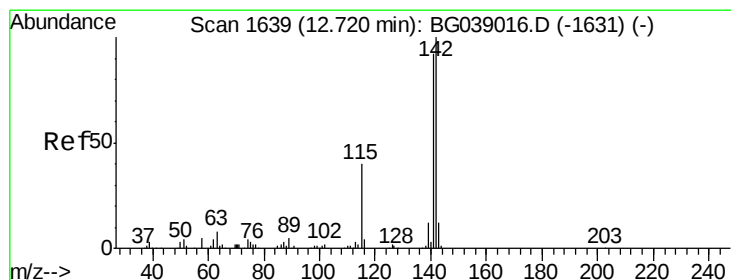
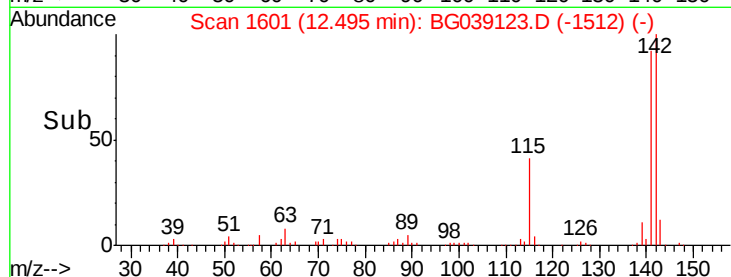
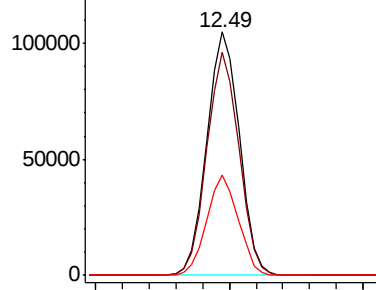


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.270 ng m
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

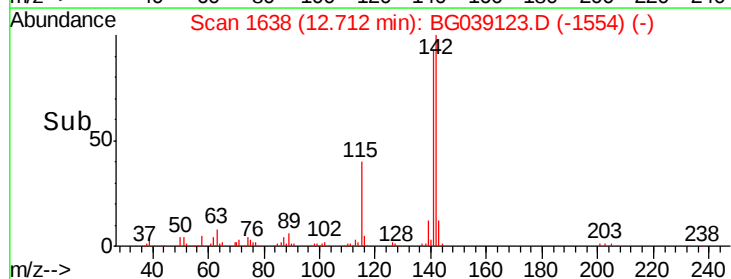
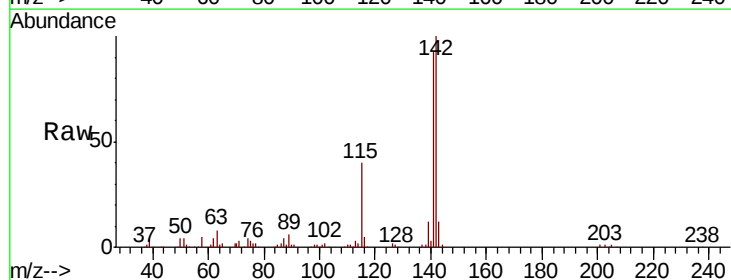
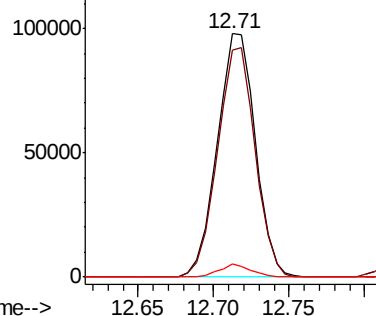
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.3	109.9
116	5.2	3.1	4.7#

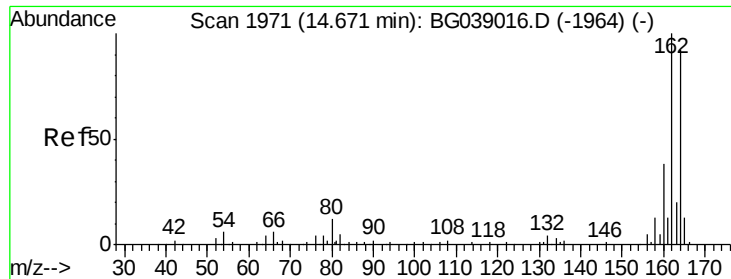
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

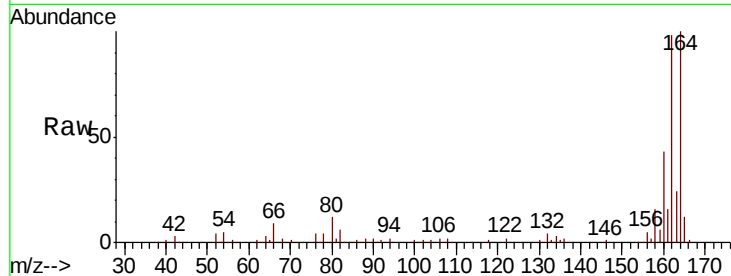
ClientSampleId :

PB116353BS

Tot Ion:	164	Resp:	76100
Ion Ratio	Lower	Upper	
164	100		
162	97.7	87.2	130.8
160	43.5	33.3	49.9

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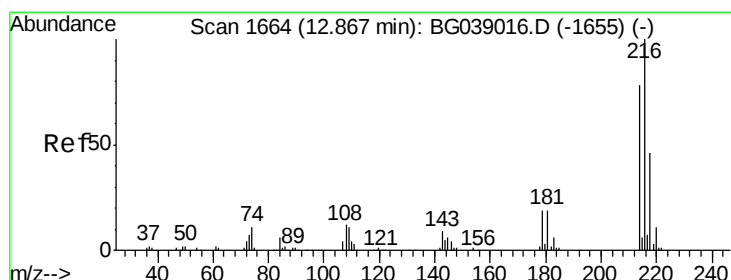
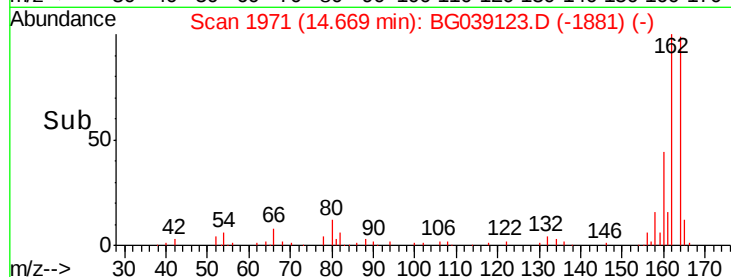
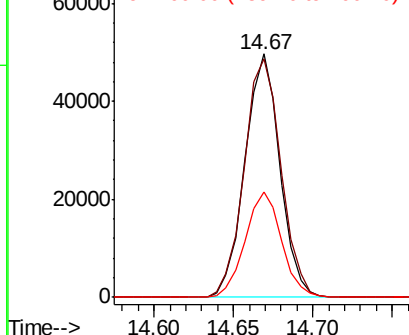


Abundance

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: 40.074 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	216	Resp:	114532
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	19.6	15.5	23.3
108	15.4	11.4	17.2

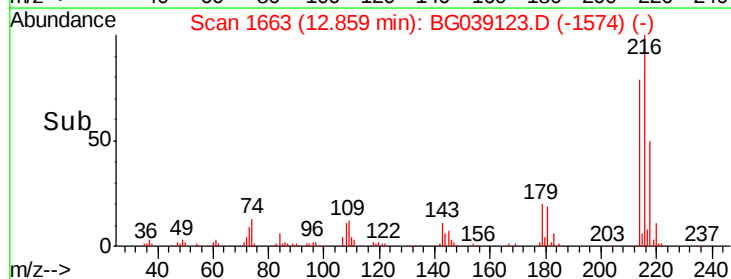
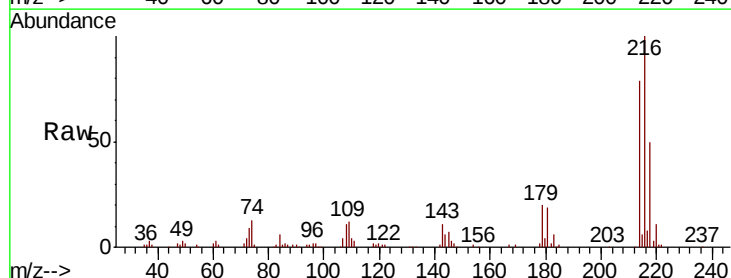
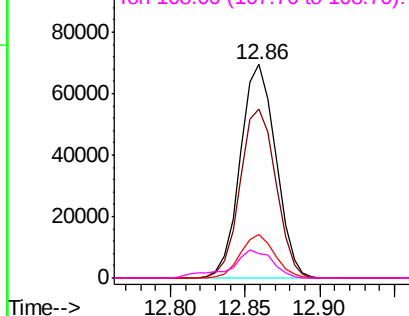
Abundance

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: 67.606 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

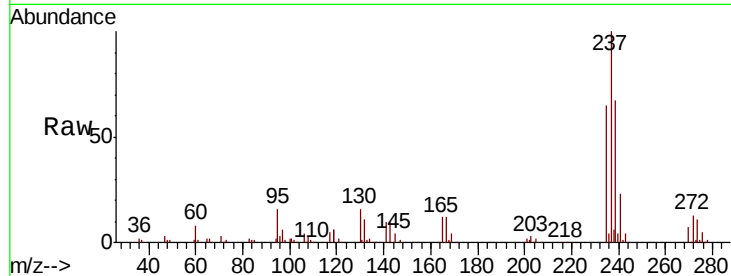
ClientSampleId :

PB116353BS

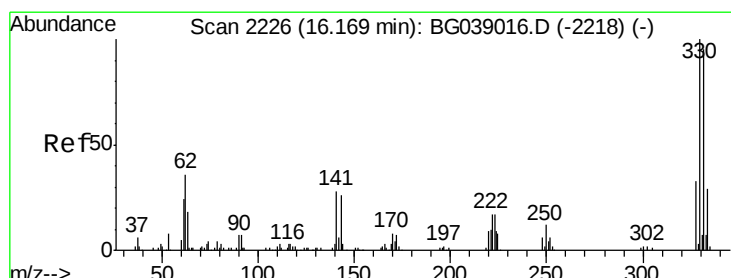
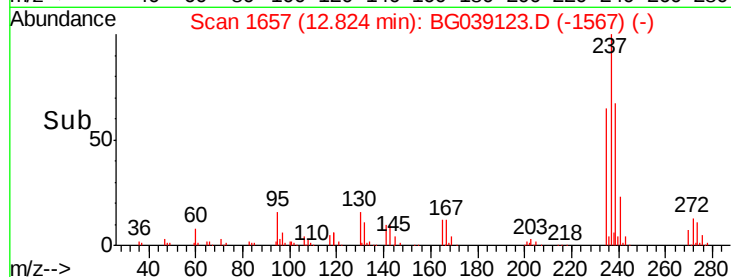
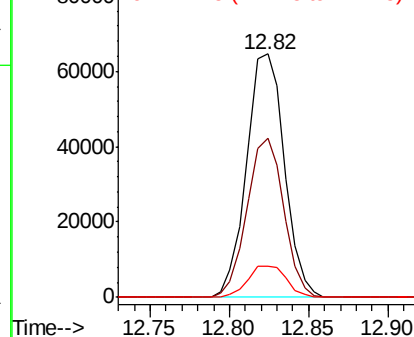
Tot Ion:	237	Resp:	107280
Ion Ratio	Lower	Upper	
237	100		
235	65.4	41.7	81.7
272	12.8	0.0	32.1

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: 110.530 ng

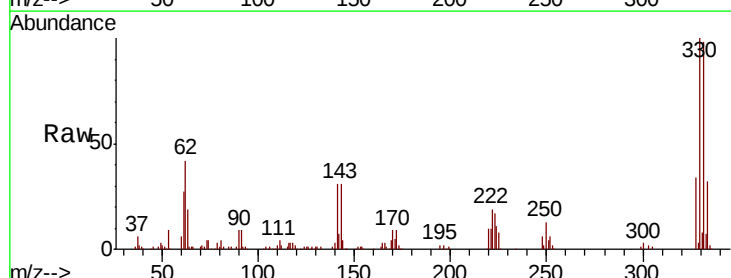
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

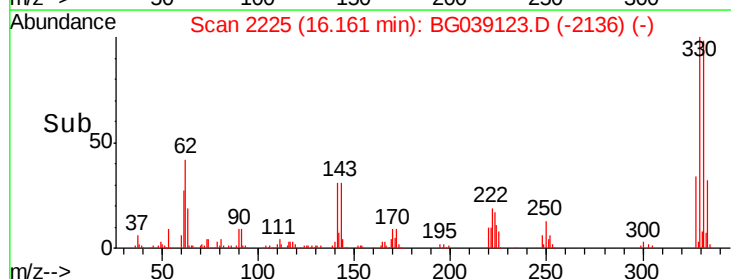
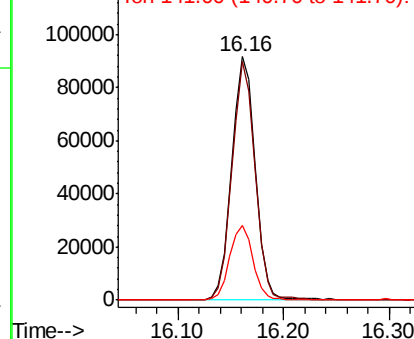
Lab File: BG039123.D

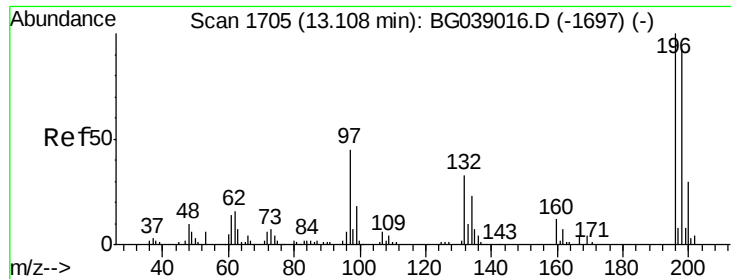
Acq: 14 Jan 2019 16:32

Tgt Ion:	330	Resp:	140997
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	30.5	24.9	37.3



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





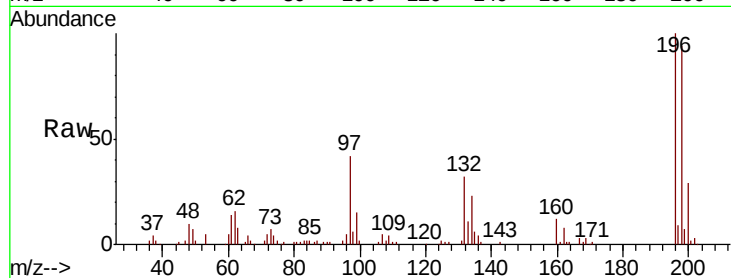
#43
 2,4,6-Trichlorophenol
 Concen: 43.181 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.5	111.7
200	28.6	23.8	35.6

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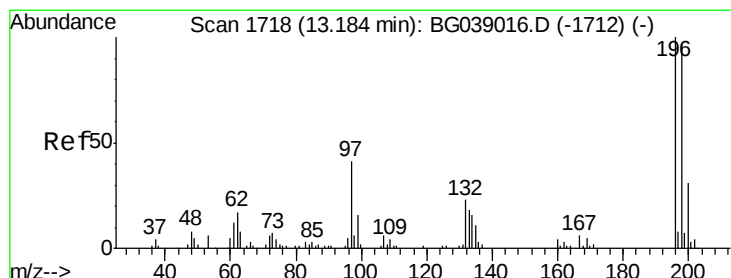
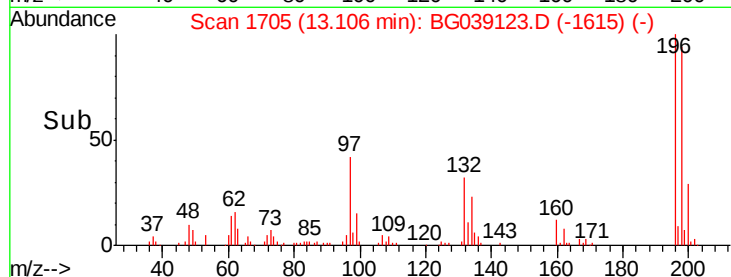
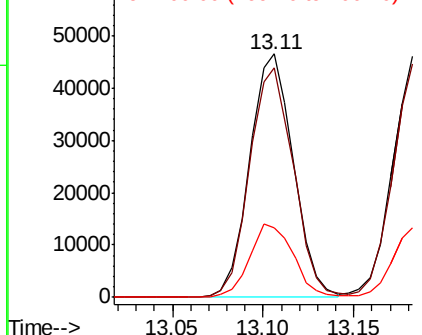


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.289 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.1	117.1
97	40.6	33.2	49.8
132	20.4	18.2	27.4

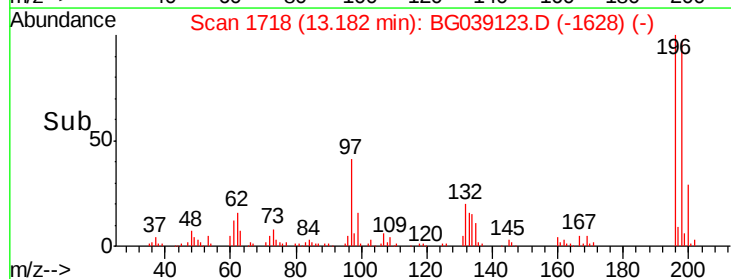
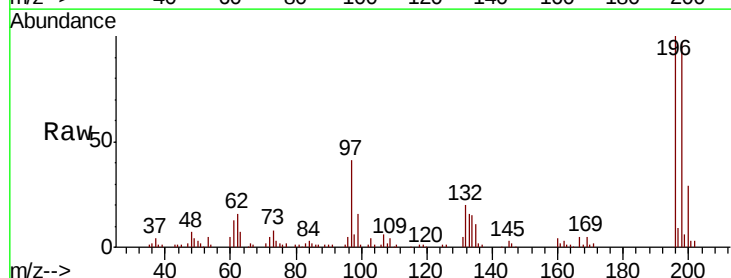
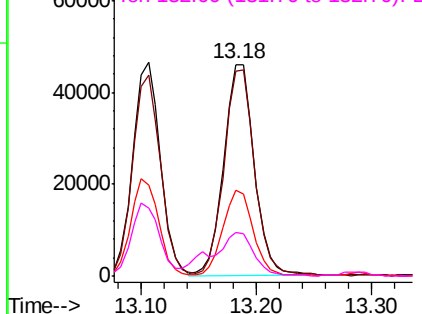
Abundance

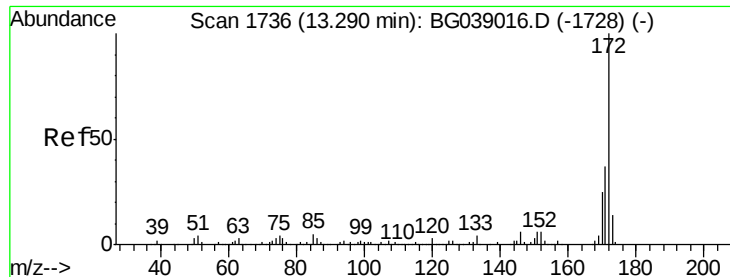
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





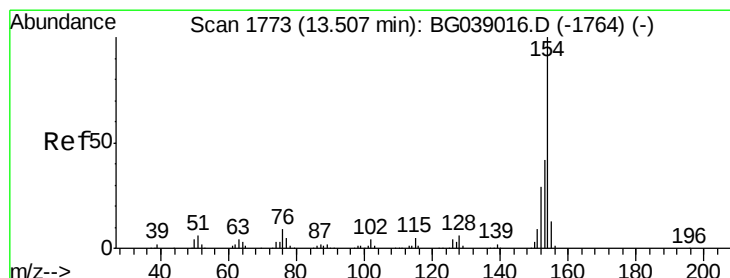
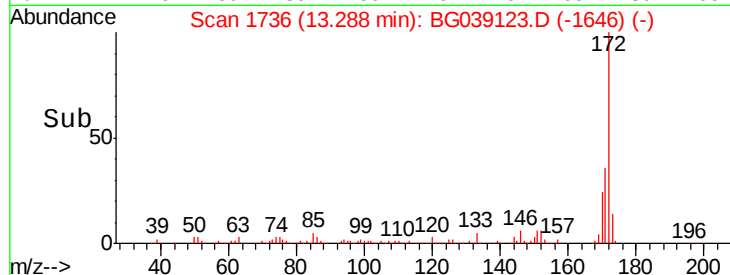
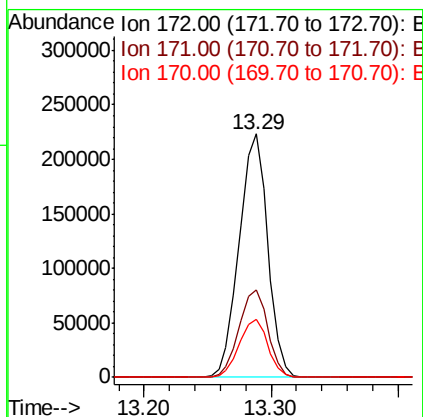
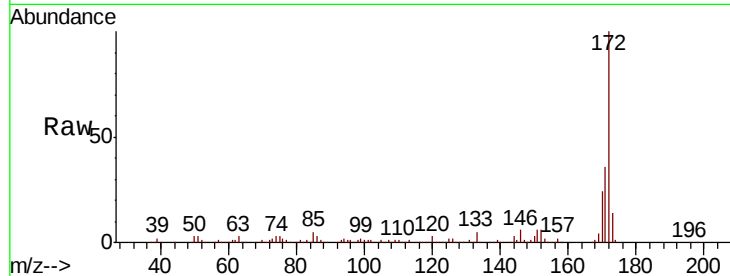
#45
2-Fluorobiphenyl
Concen: 62.509 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.1	30.1

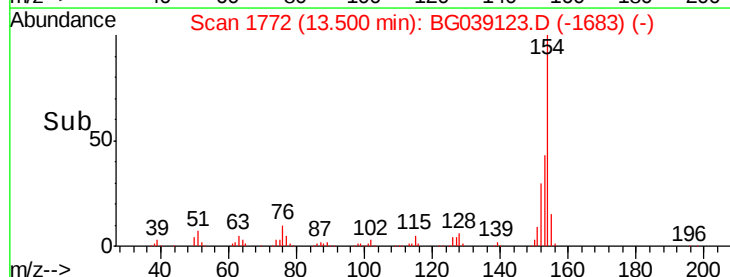
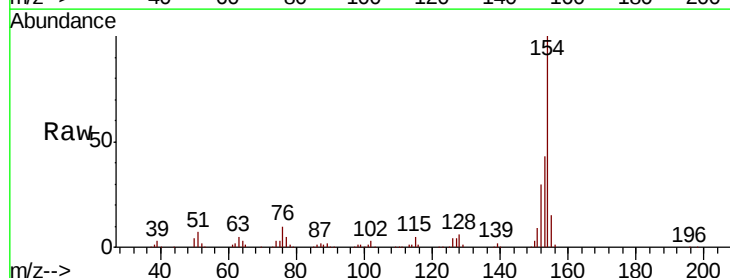
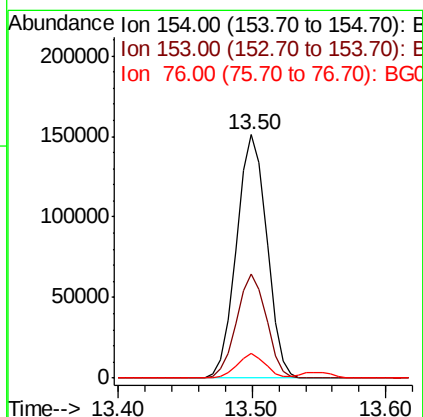
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#46
1,1'-Biphenyl
Concen: 39.440 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.4	62.4
76	10.0	0.0	29.4





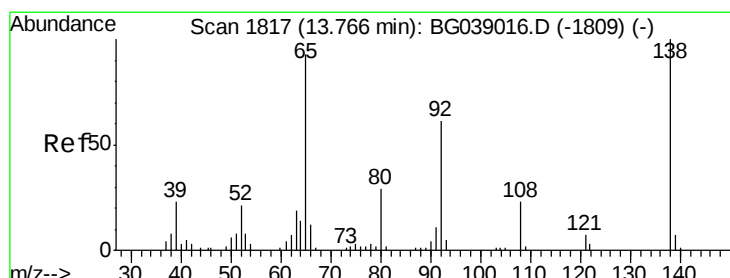
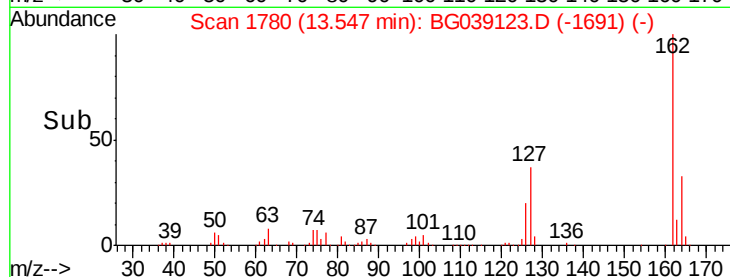
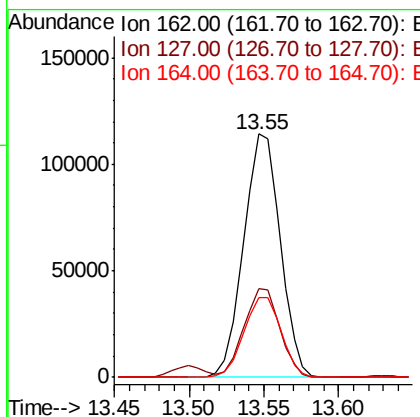
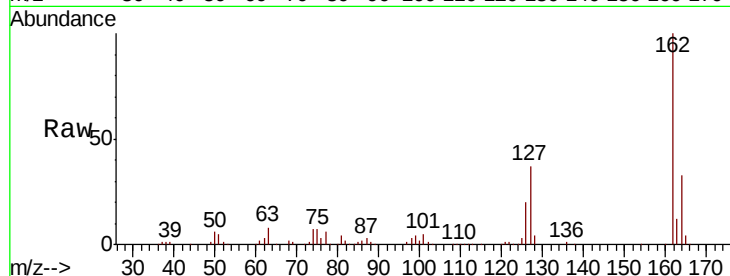
#47
 2-Chloronaphthalene
 Concen: 39.662 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	28.4	42.6
164	32.6	26.3	39.5

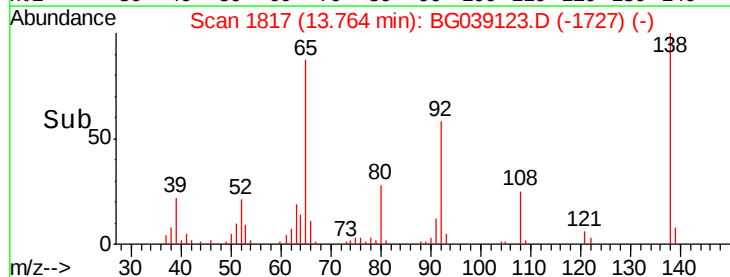
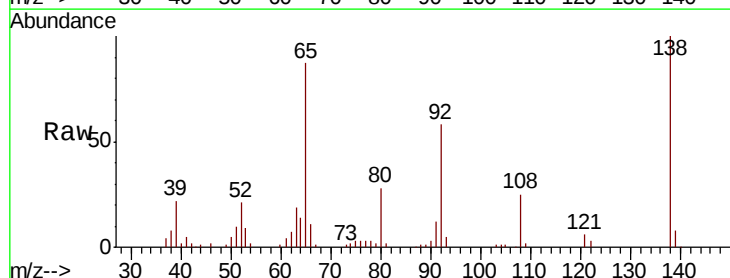
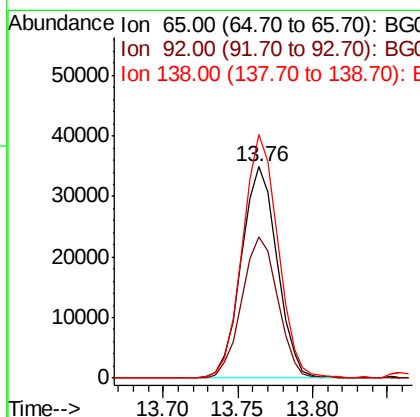
Manual Integrations
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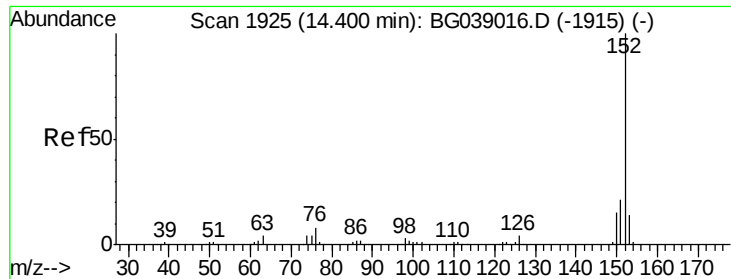
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#48
 2-Nitroaniline
 Concen: 42.427 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.2	78.4
138	115.1	86.0	129.0





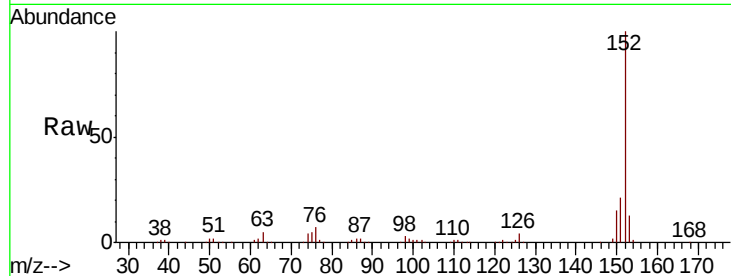
#49
Acenaphthylene
Concen: 43.369 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.1	11.2	16.8

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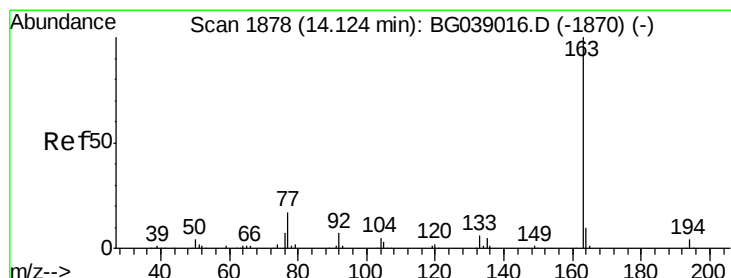
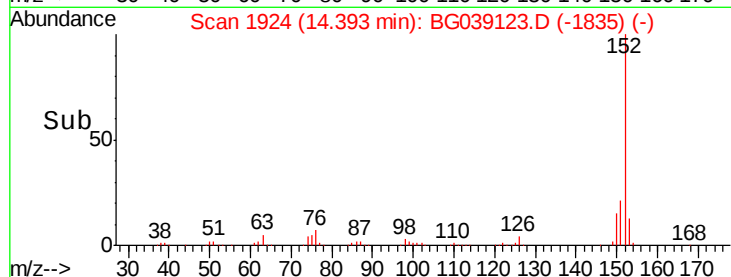
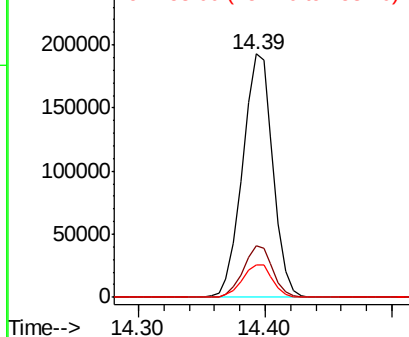


Abundance

Ion 152.00 (151.70 to 152.70): E

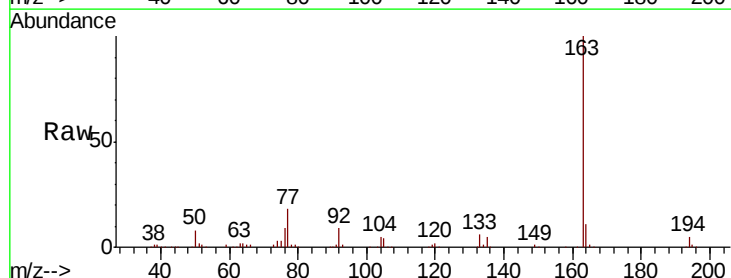
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 40.514 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.5	8.2	12.2

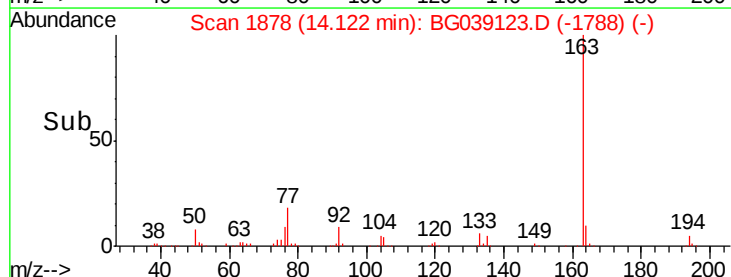
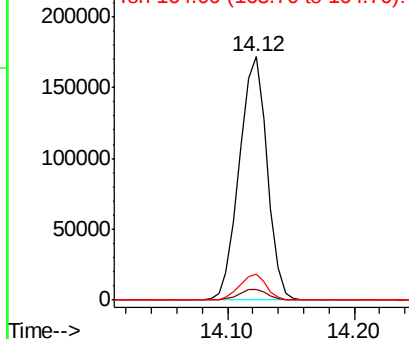


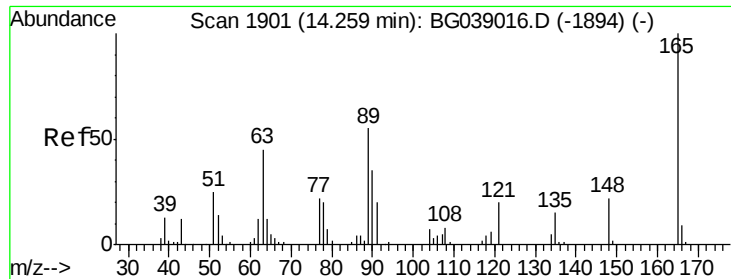
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





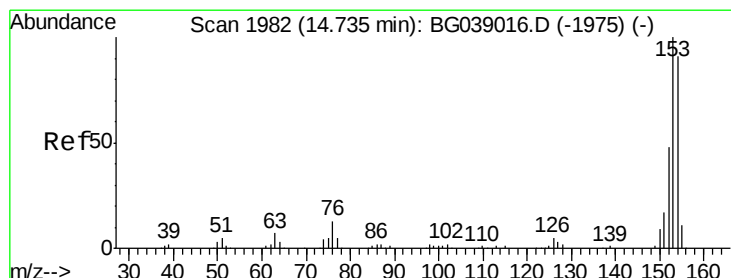
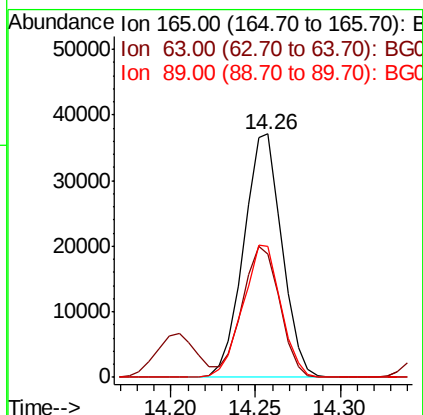
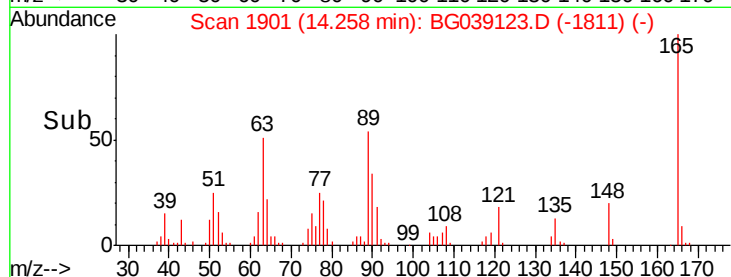
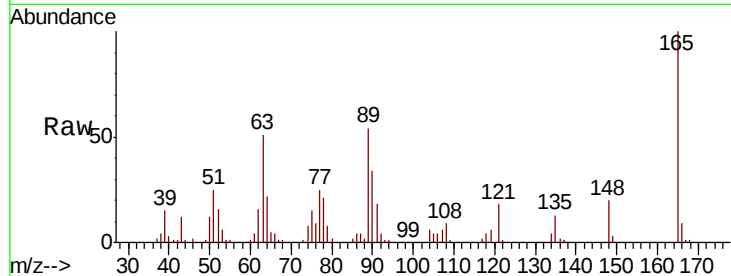
#51
2,6-Dinitrotoluene
Concen: 40.505 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleID :
PB116353BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	58236		
63	50.6		43.6	65.4
89	53.5		43.7	65.5

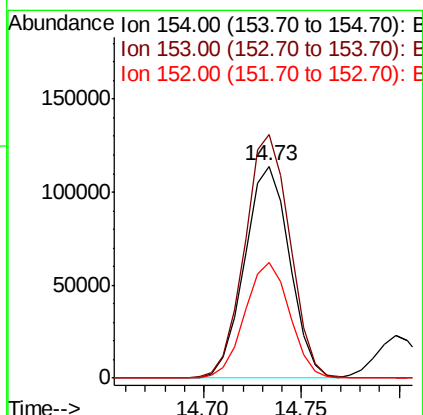
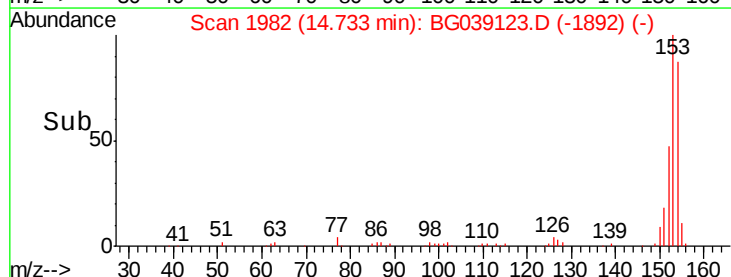
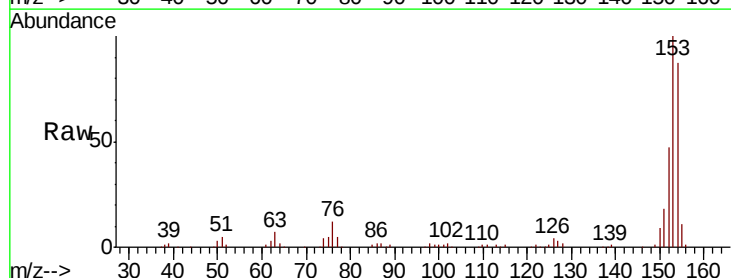
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#52
Acenaphthene
Concen: 41.319 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	182080		
153	114.7		87.9	131.9
152	54.3		42.2	63.2





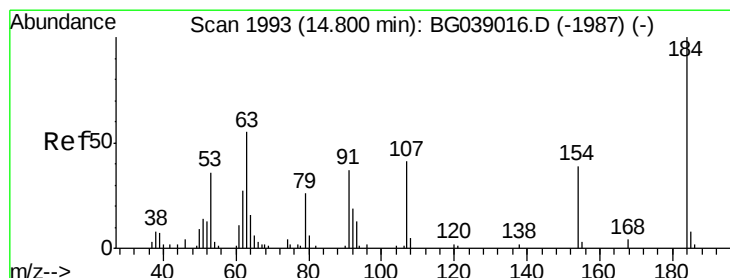
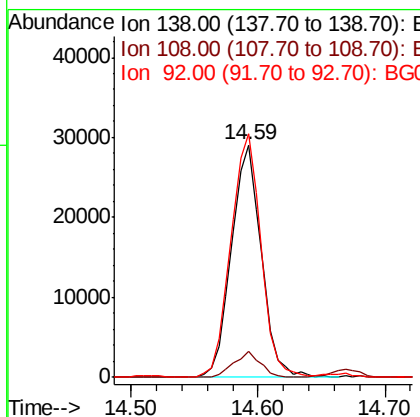
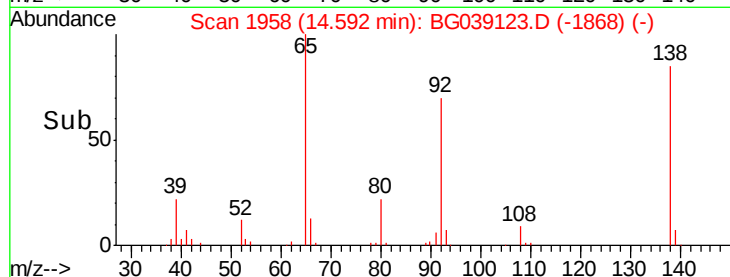
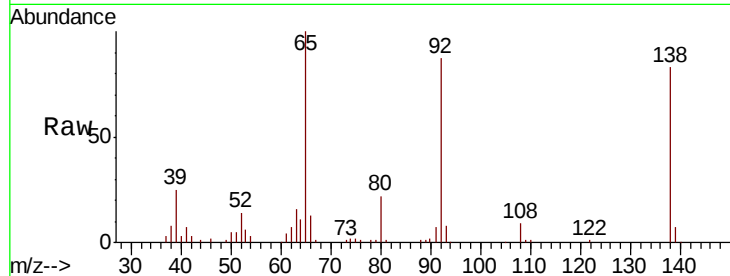
#53
3-Nitroaniline
Concen: 32.310 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.4	11.0
92	104.7	88.2	132.4

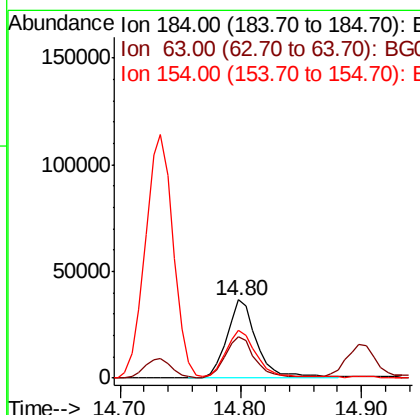
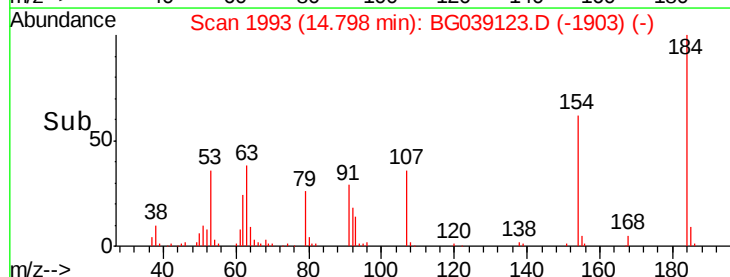
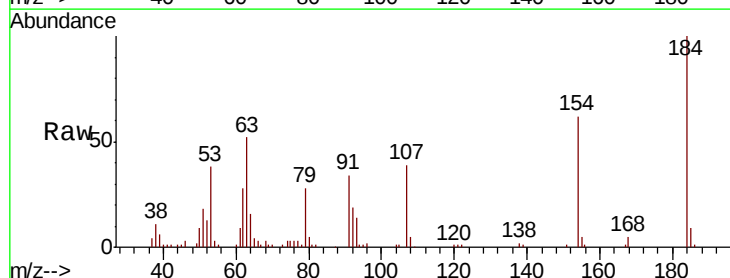
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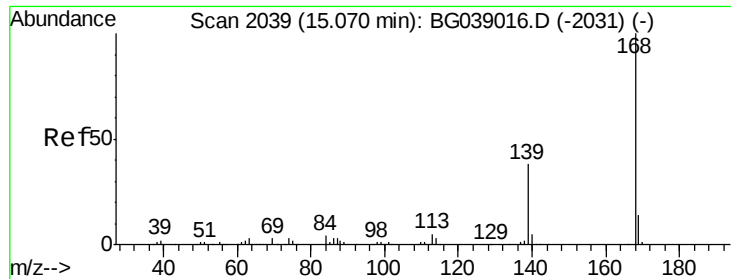
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#54
2,4-Dinitrophenol
Concen: 74.499 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.3	44.0	66.0
154	61.5	46.1	69.1





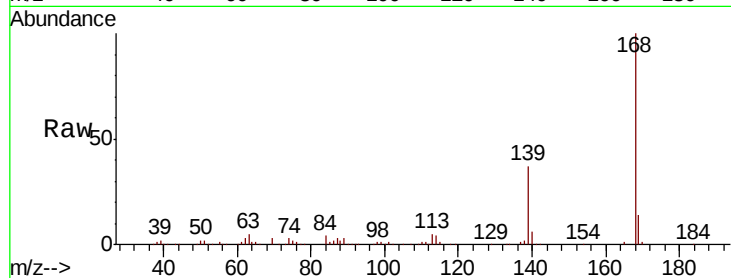
#55
Dibenzenofuran
Concen: 40.644 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampled :
PB116353BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	14.0	10.9	16.3

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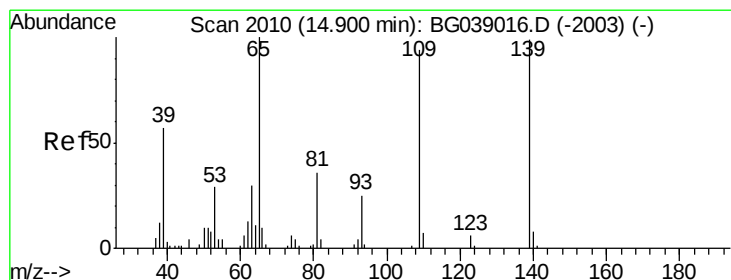
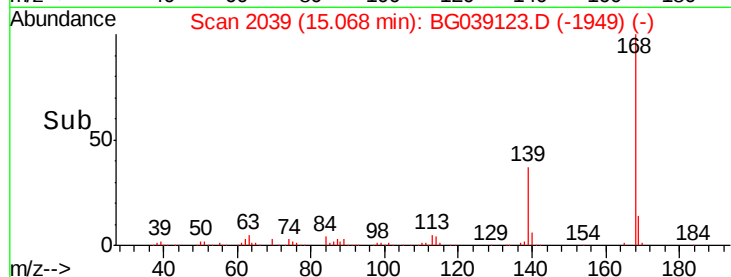
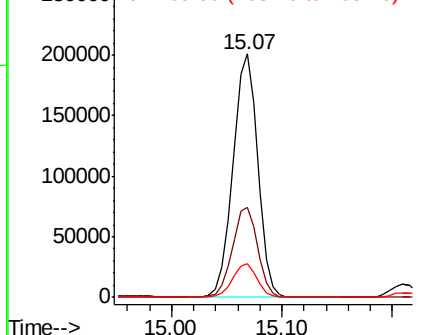


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.435 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

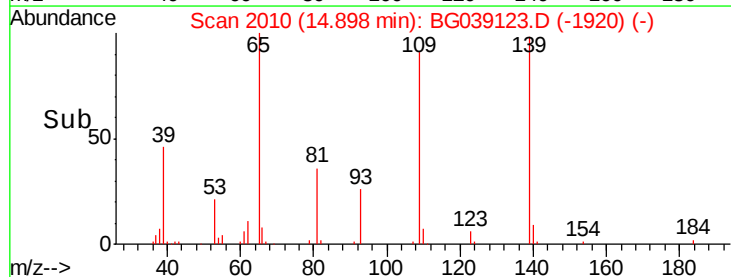
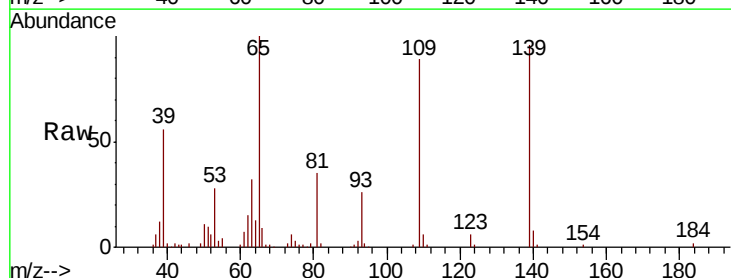
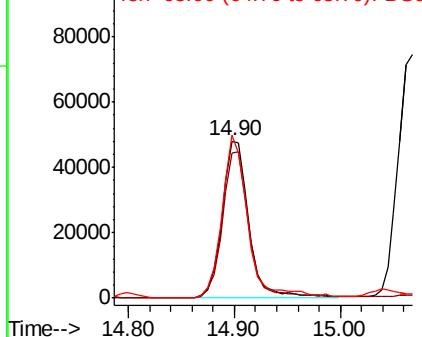
Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.4	75.6	115.6
65	103.9	81.2	121.2

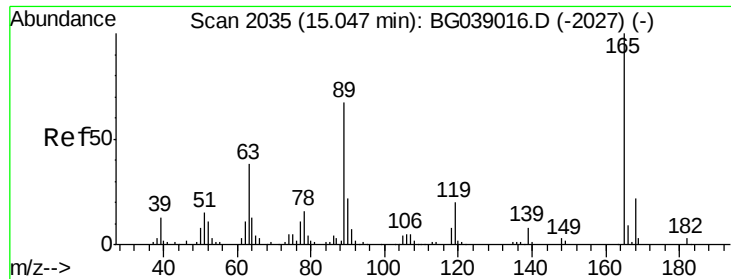
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





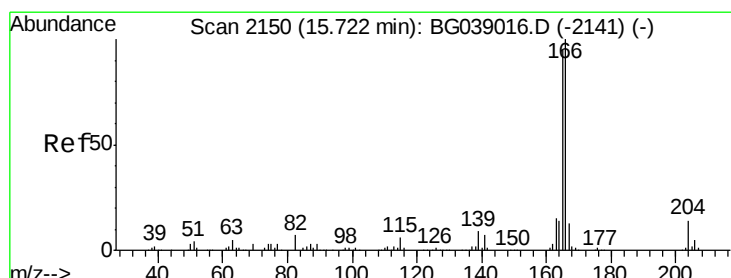
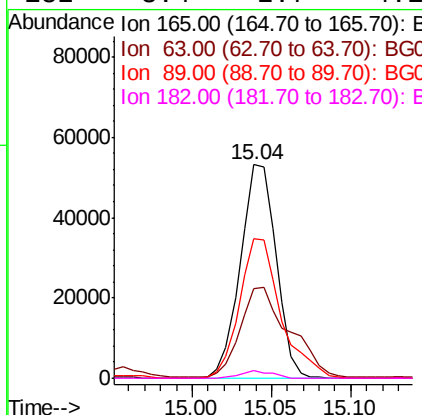
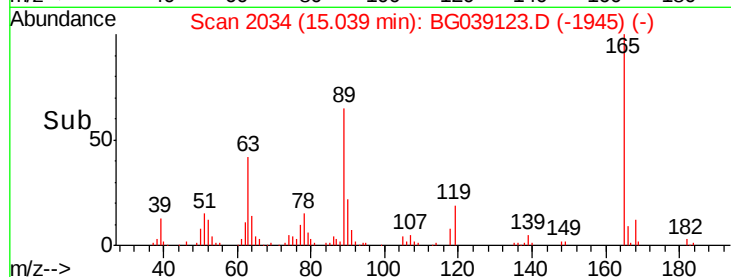
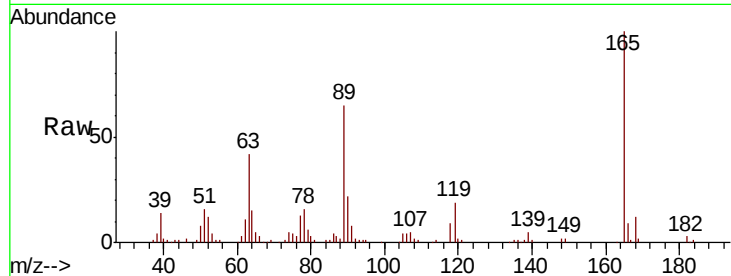
#57
2,4-Dinitrotoluene
Concen: 40.482 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.9	30.2	45.4
89	65.4	53.2	79.8
182	3.4	2.7	4.1

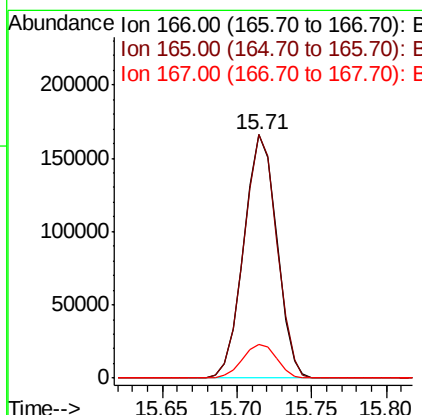
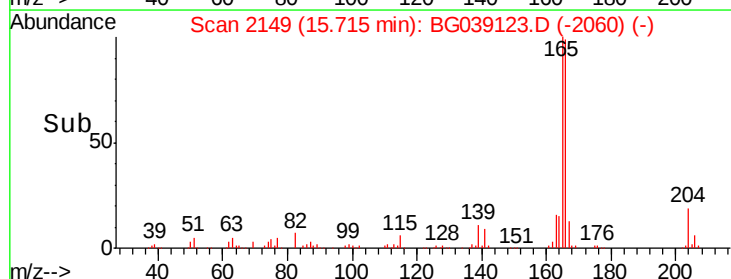
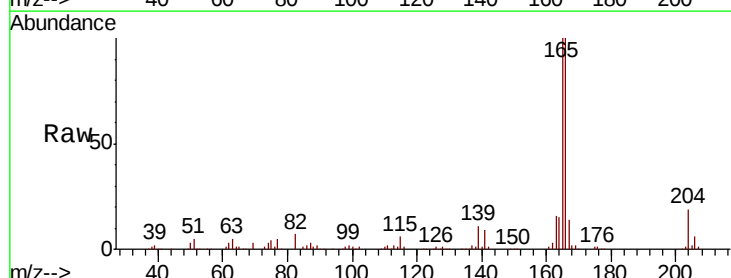
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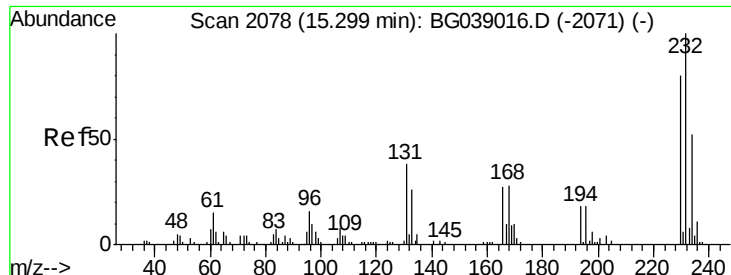
Sohil
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#58
Fluorene
Concen: 43.316 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	100.0	76.2	114.2
167	13.6	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.559 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

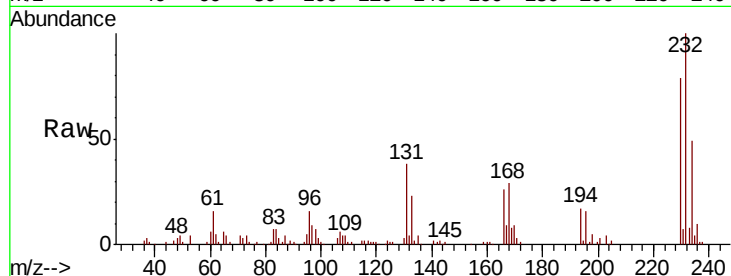
ClientSampleId :

PB116353BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	79965		
131	35.5		30.9	46.3
130	2.2		1.9	2.9
166	27.6		22.1	33.1

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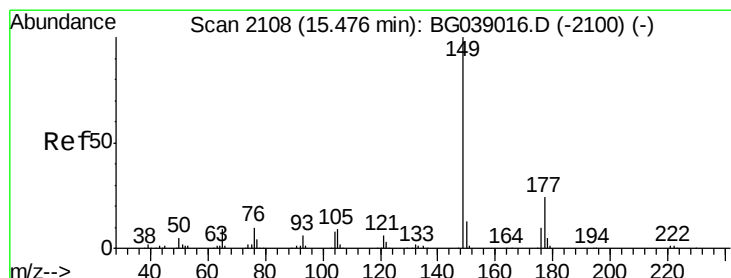
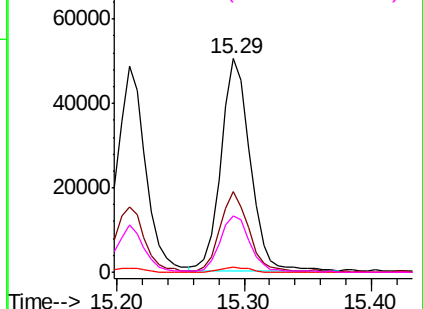
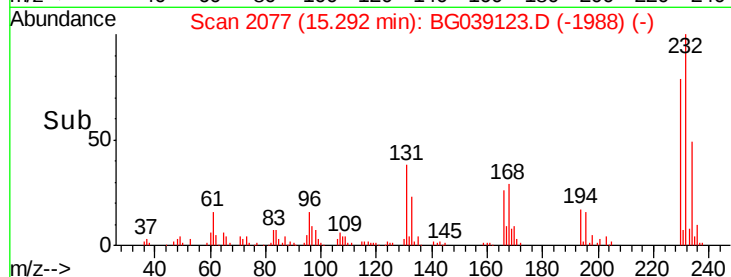
Abundance

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: 39.526 ng

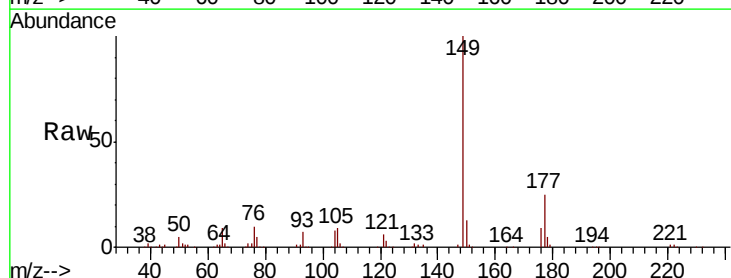
RT: 15.47 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	261891		
177	24.5		19.0	28.6
150	12.9		10.2	15.4

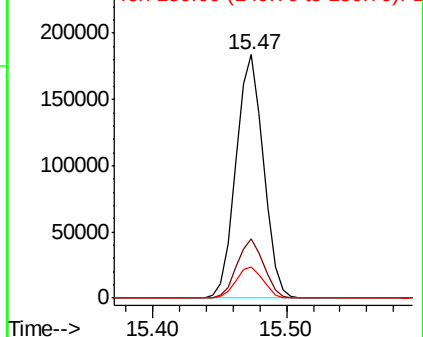
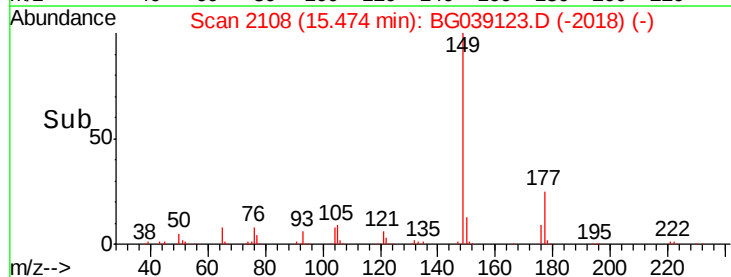


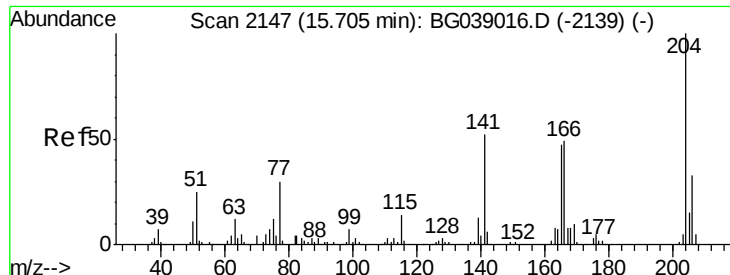
Abundance

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





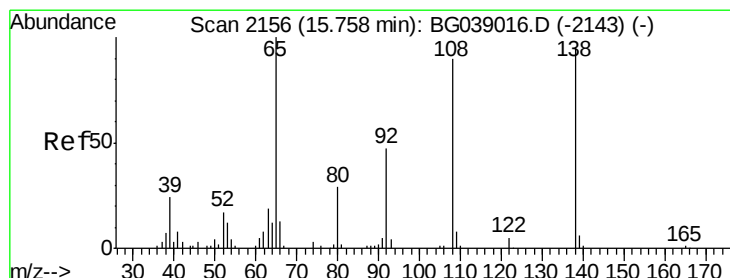
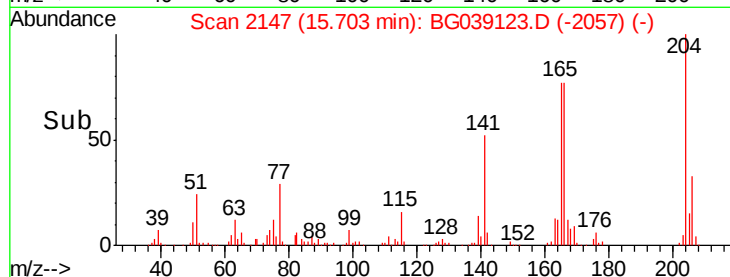
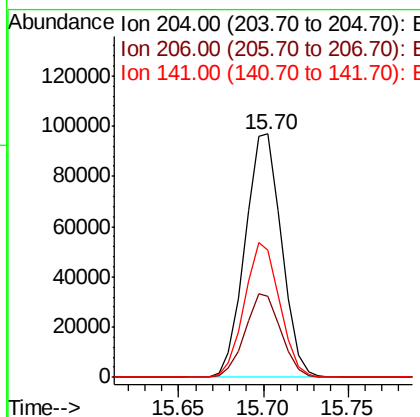
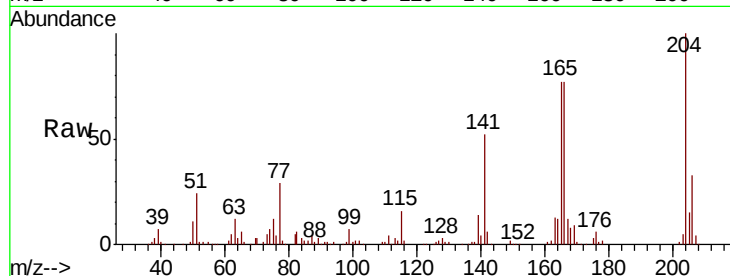
#61
4-Chlorophenyl-phenylether
Concen: 39.335 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampled :
PB116353BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	52.2	41.4	62.0

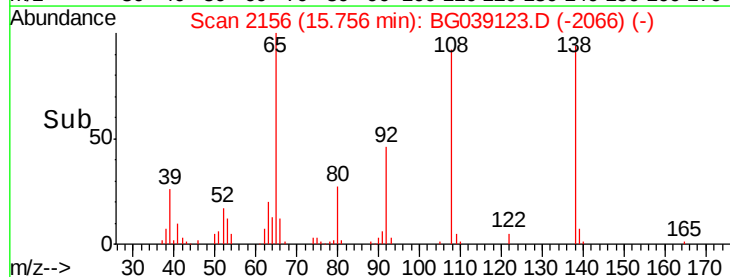
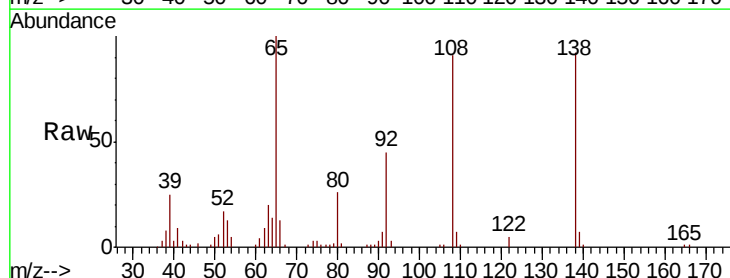
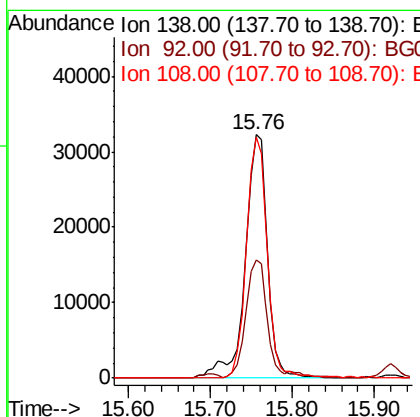
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#62
4-Nitroaniline
Concen: 40.298 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.7	69.7
108	98.8	75.7	115.7





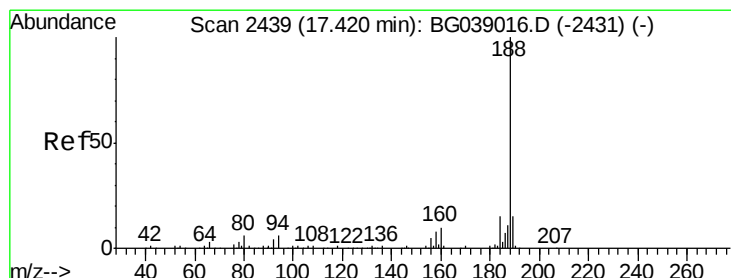
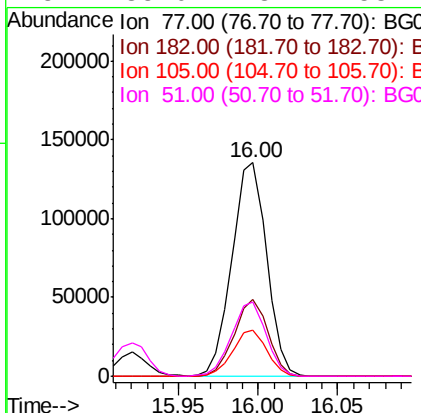
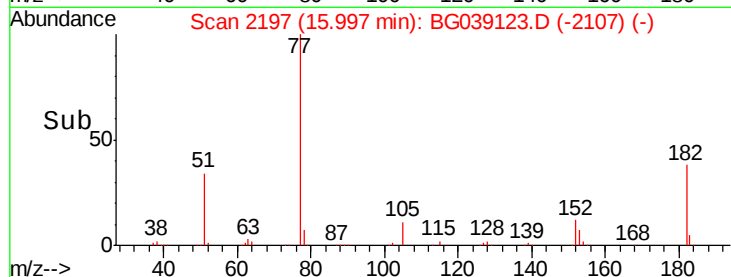
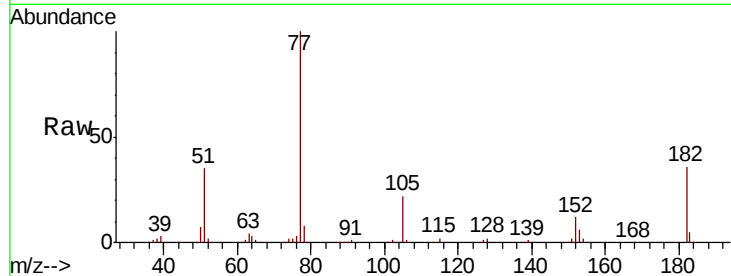
#63
Azobenzene
Concen: 39.814 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.7	12.2	52.2	
105	21.6	1.2	41.2	
51	35.0	13.4	53.4	

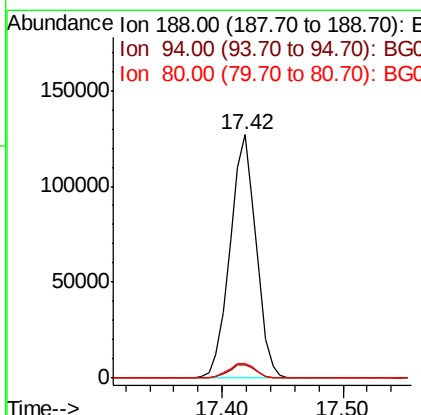
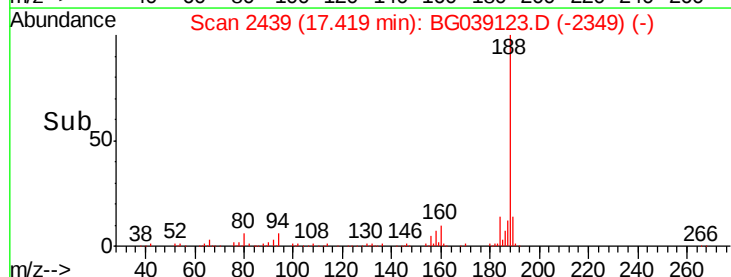
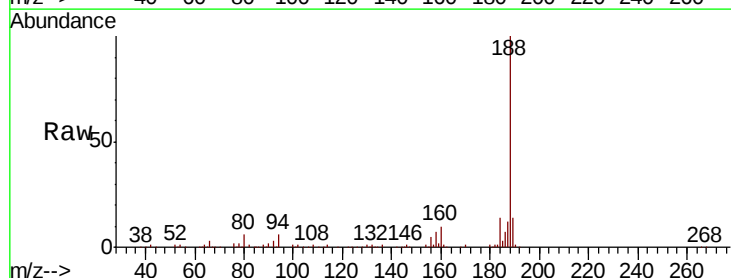
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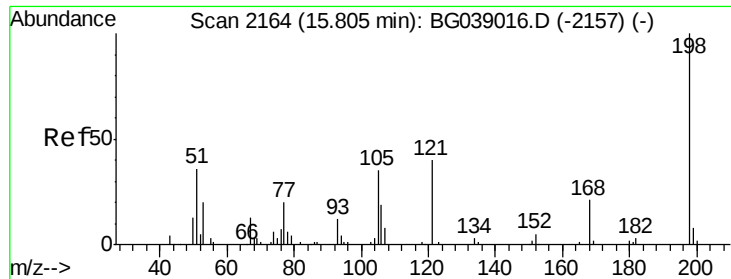
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.5	5.0	7.4	
80	6.2	4.7	7.1	





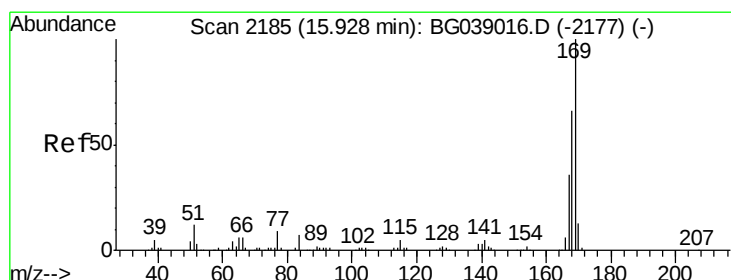
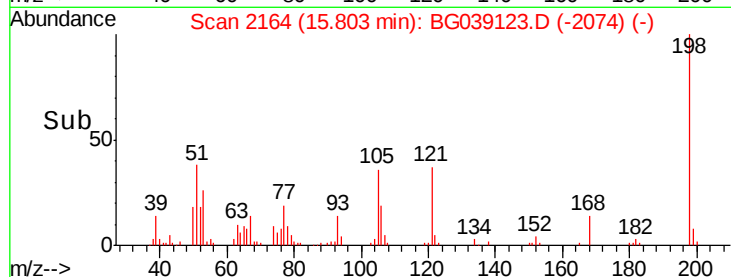
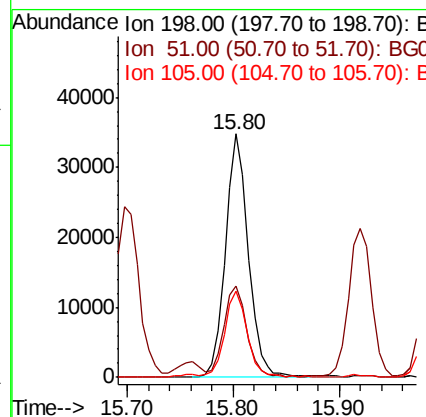
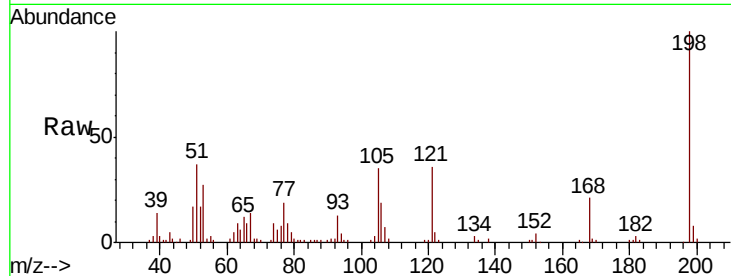
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.428 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	52865		
51	37.4		20.8	60.8
105	35.2		16.1	56.1

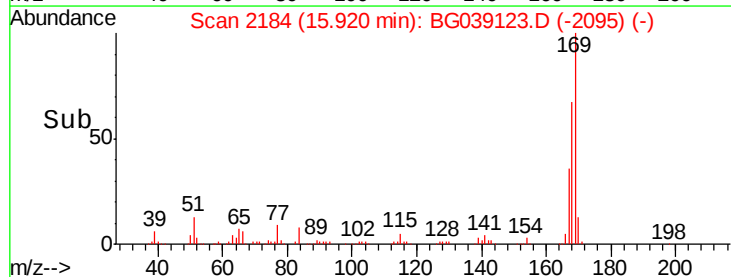
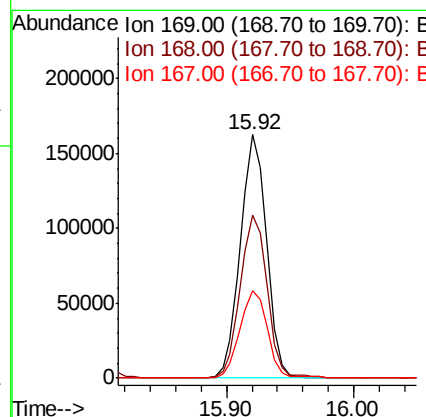
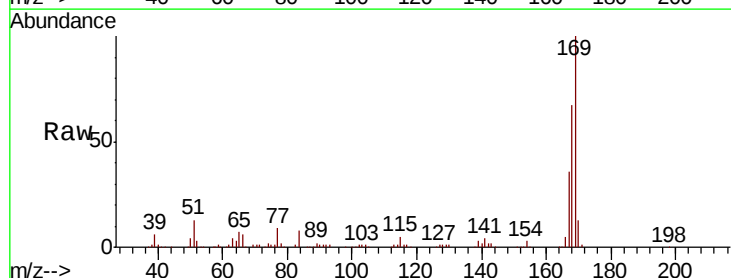
Manual Integrations
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#66
 n-Nitrosodiphenylamine
 Concen: 40.840 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	230822		
168	66.8		53.2	79.8
167	36.2		29.1	43.7





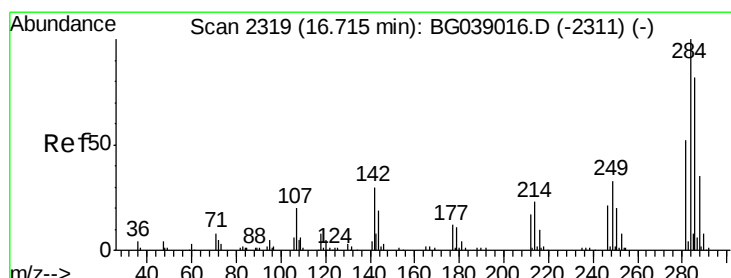
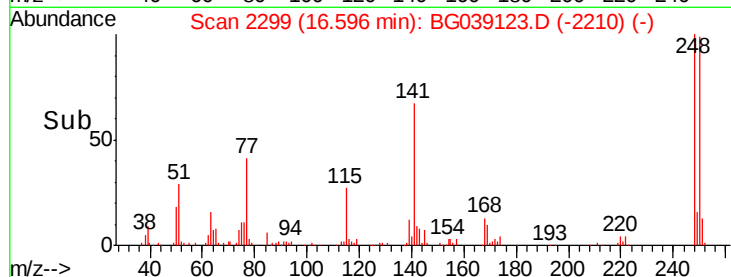
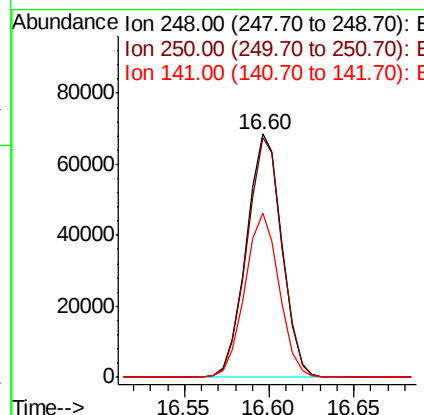
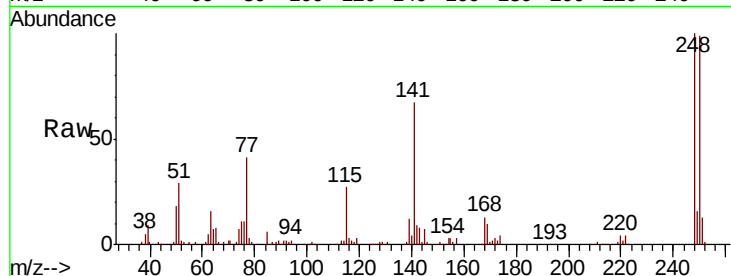
#67
 4-Bromophenyl-phenylether
 Concen: 40.812 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.9	119.9
141	67.2	52.7	79.1

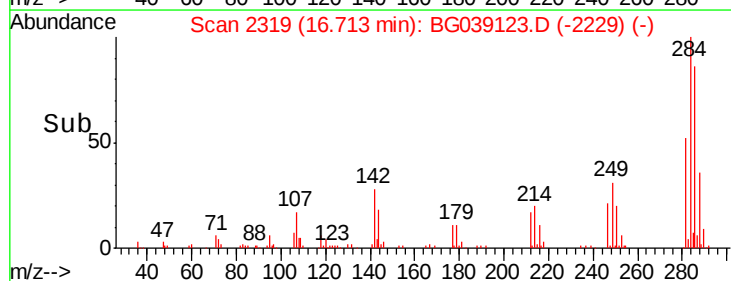
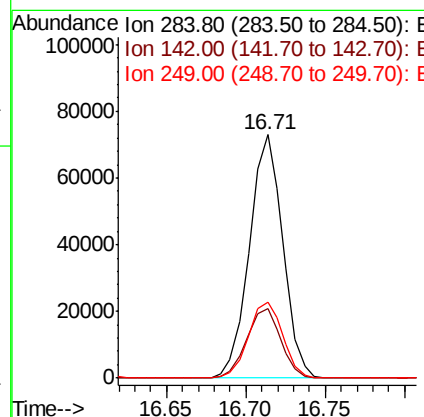
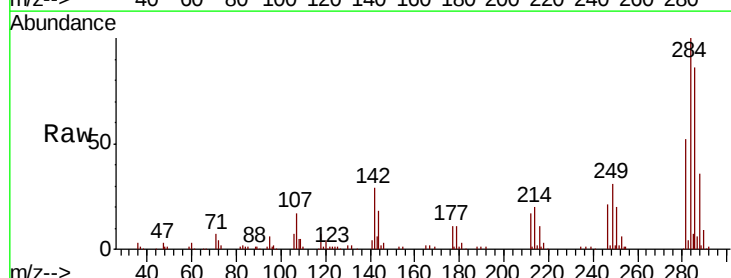
Manual Integrations
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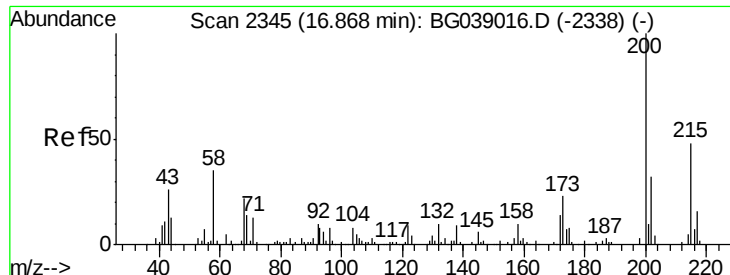
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#68
 Hexachlorobenzene
 Concen: 39.920 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.3	36.5
249	33.3	27.8	41.8





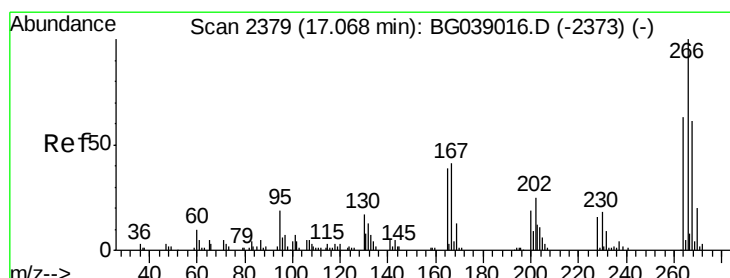
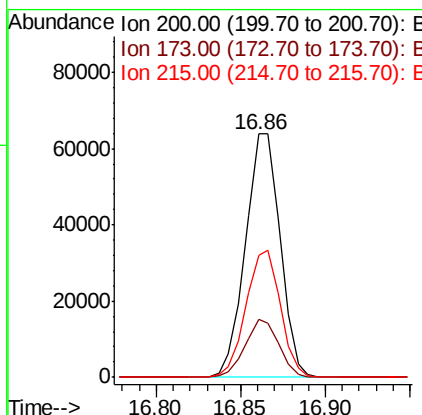
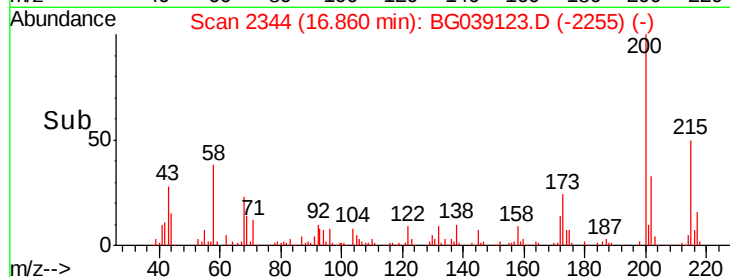
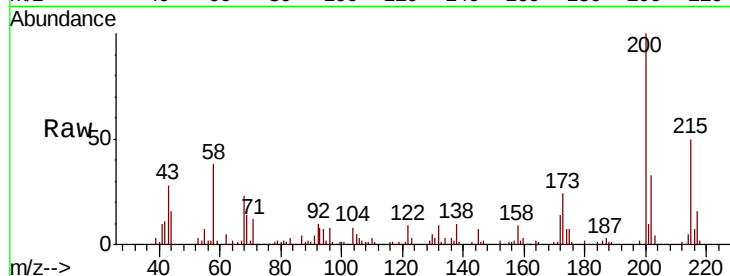
#69
Atrazine
Concen: 38.137 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.6	42.6
215	50.3	28.0	68.0

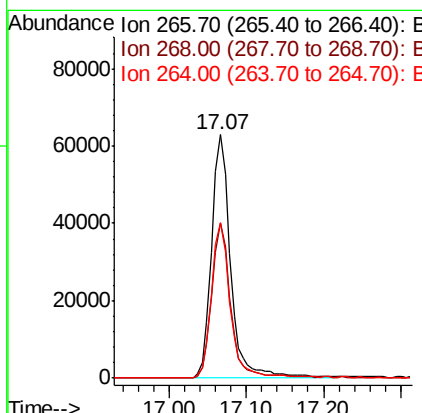
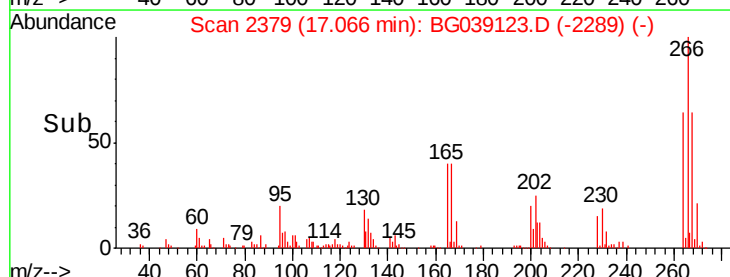
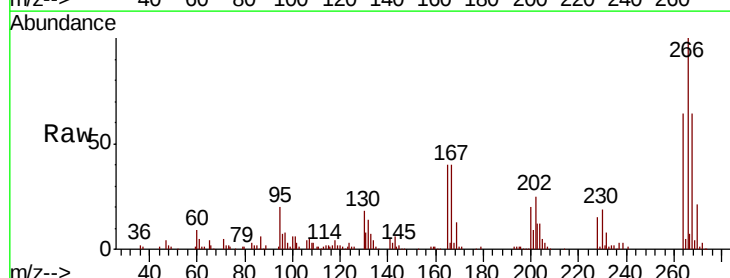
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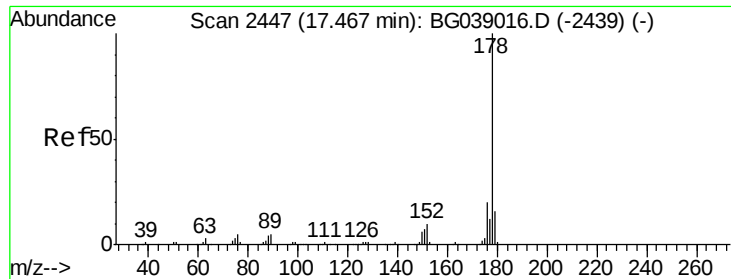
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#70
Pentachlorophenol
Concen: 66.372 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	52.0	78.0
264	63.8	54.6	81.8





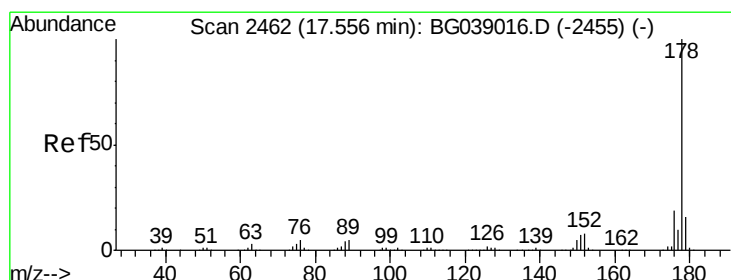
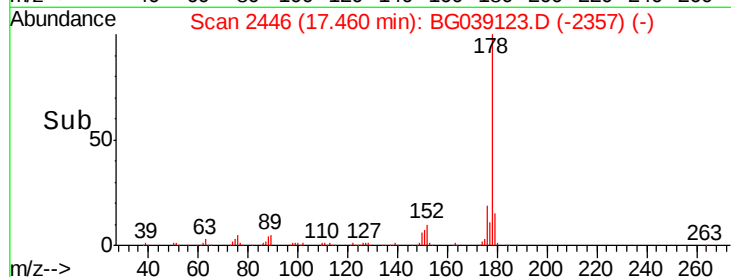
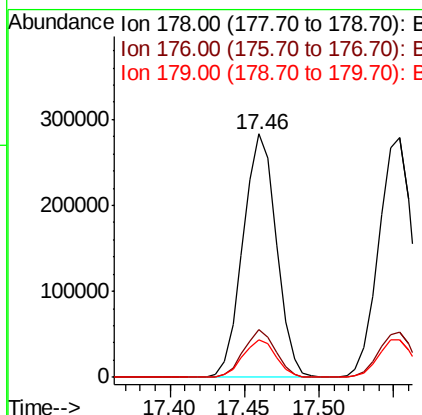
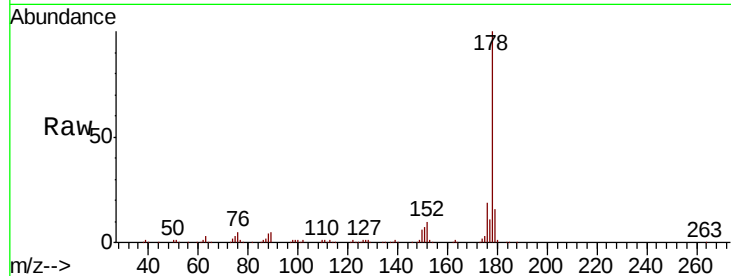
#71
 Phenanthrene
 Concen: 43.411 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.6	12.9	19.3

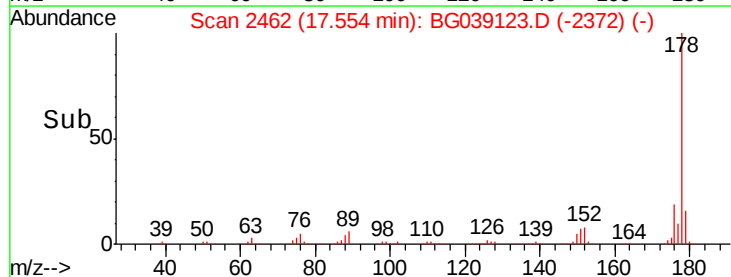
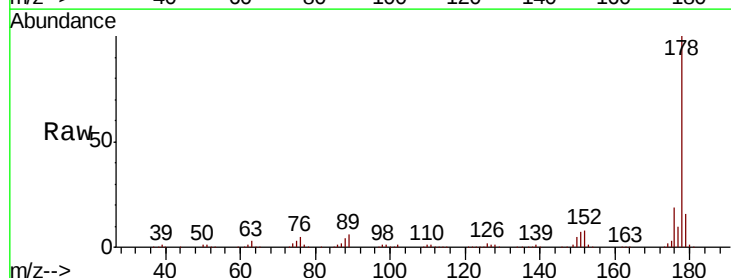
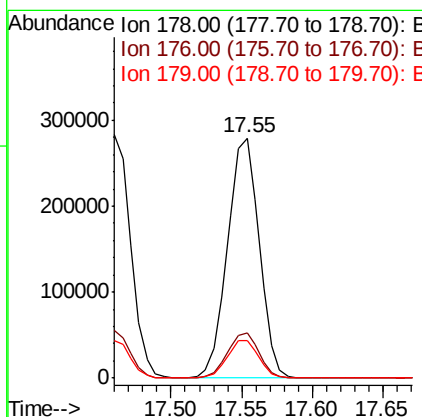
Manual Integrations
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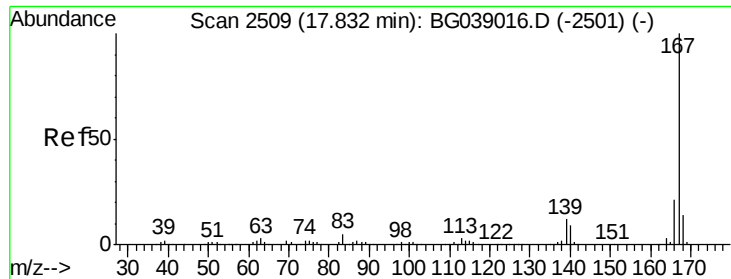
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#72
 Anthracene
 Concen: 43.932 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	13.0	19.4





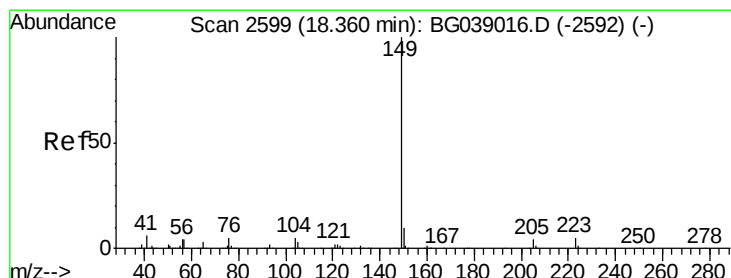
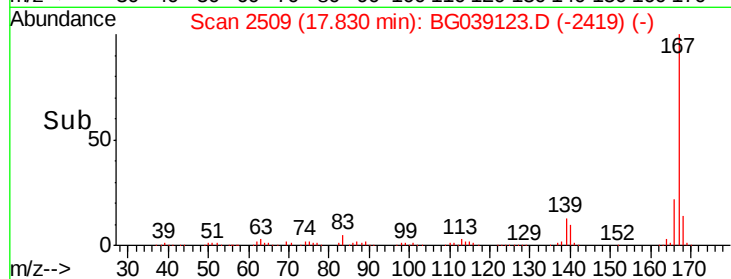
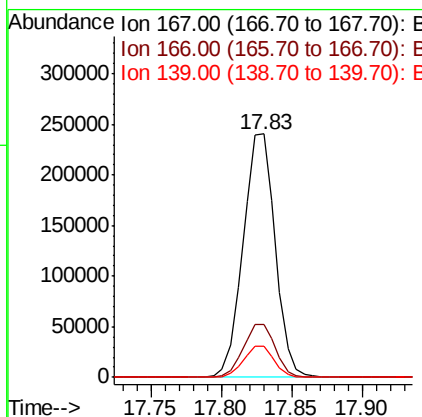
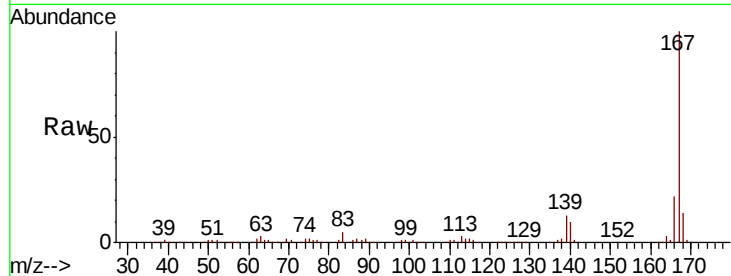
#73
 Carbazole
 Concen: 38.883 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.9	25.3
139	12.5	10.0	15.0

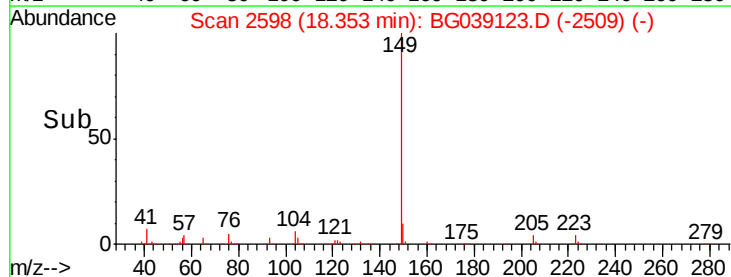
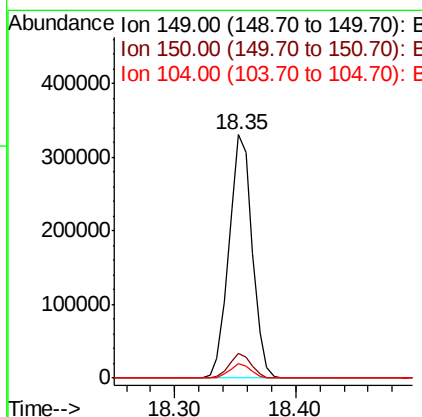
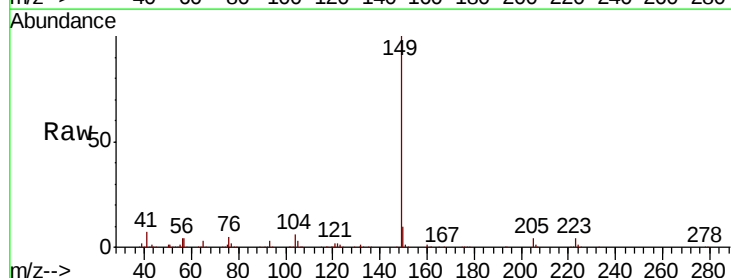
Manual Integrations
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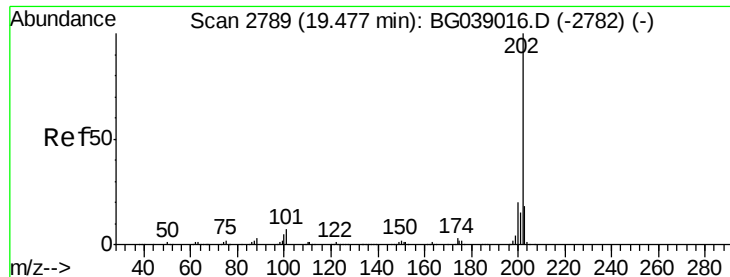
Sohil
 1/15/2019 12:18:50 PM



#74
 Di-n-butylphthalate
 Concen: 40.410 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039123.D
 Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.9	11.9
104	5.8	4.2	6.2





#75

Fluoranthene

Concen: 43.066 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

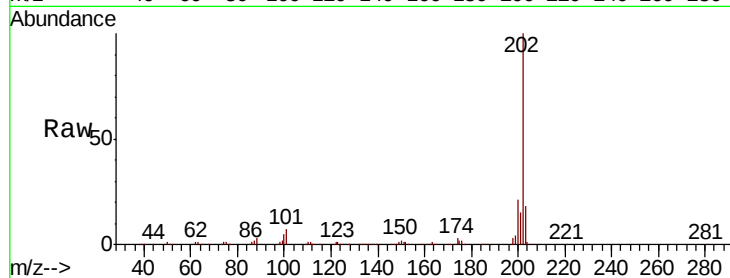
ClientSampleId :

PB116353BS

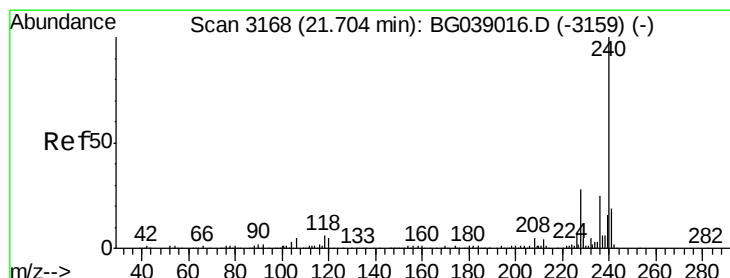
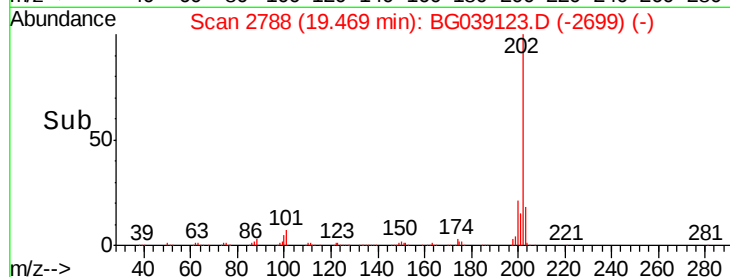
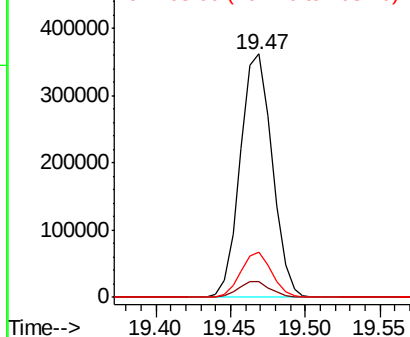
Tot Ion:	202	Resp:	538004
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.9
203	18.4	0.0	38.1

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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

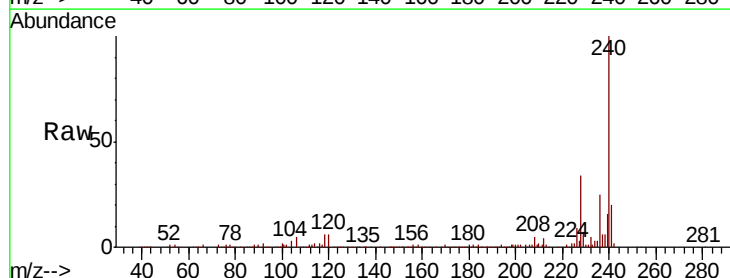
RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

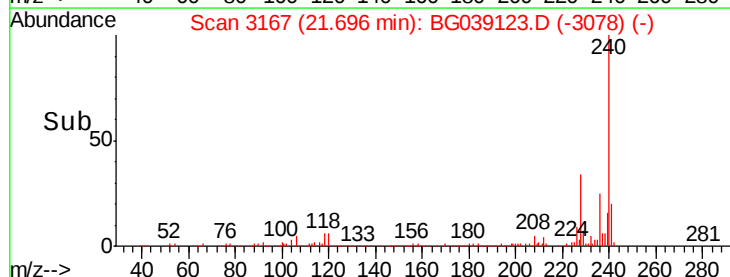
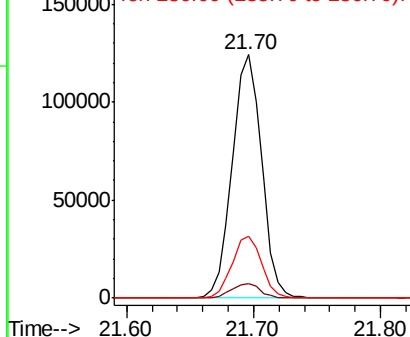
Lab File: BG039123.D

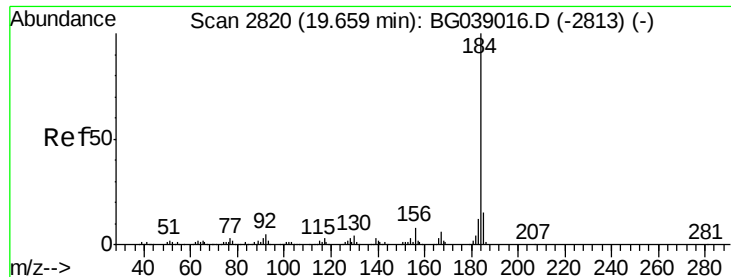
Acq: 14 Jan 2019 16:32

Tgt Ion:	240	Resp:	198346
Ion Ratio	Lower	Upper	
240	100		
120	5.8	4.3	6.5
236	25.4	20.1	30.1



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: 26.834 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

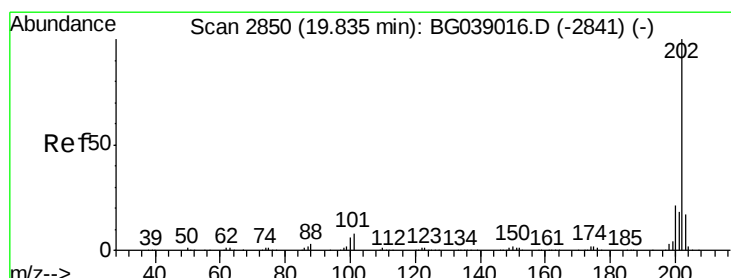
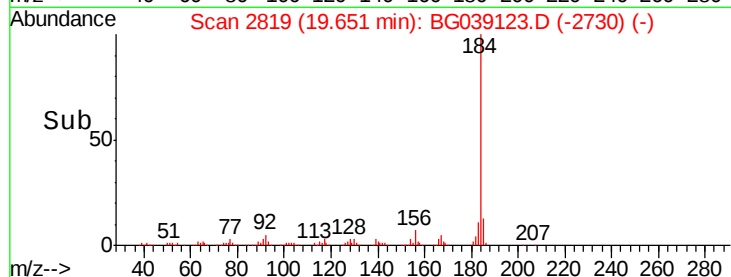
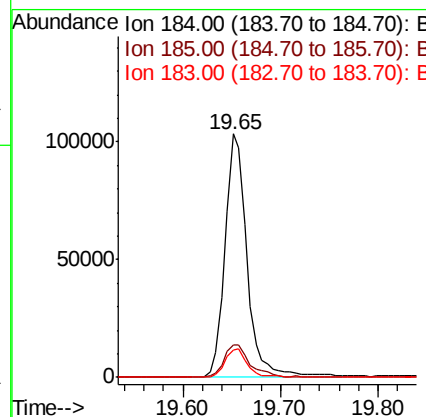
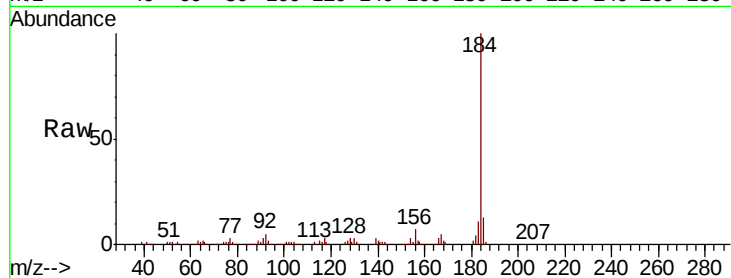
ClientSampled :

PB116353BS

Tot Ion:	184	Resp:	162791
Ion Ratio	Lower	Upper	
184	100		
185	13.3	12.1	18.1
183	11.3	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 42.427 ng

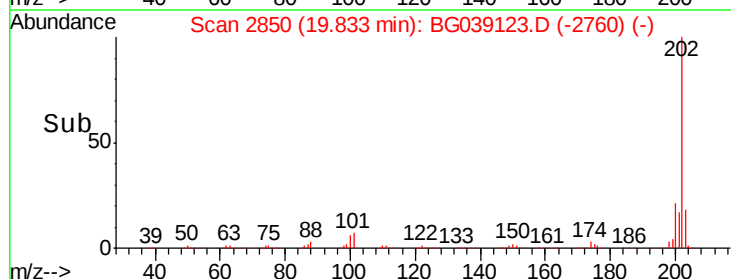
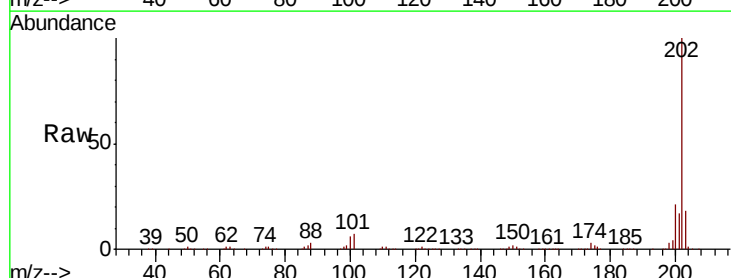
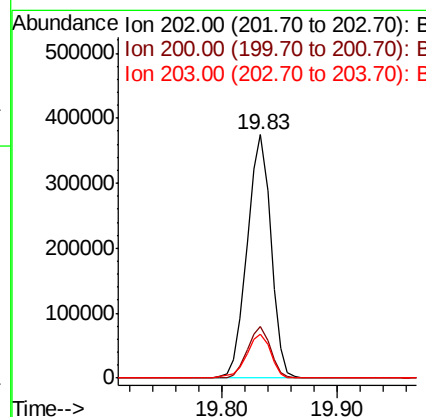
RT: 19.83 min Scan# 2850

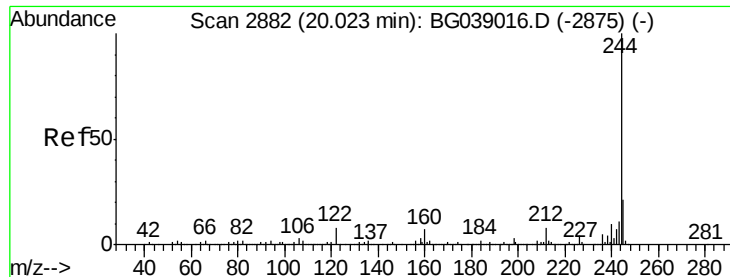
Delta R.T. -0.00 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	202	Resp:	536288
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	18.2	14.0	21.0





#79

Terphenyl-d14

Concen: 66.376 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

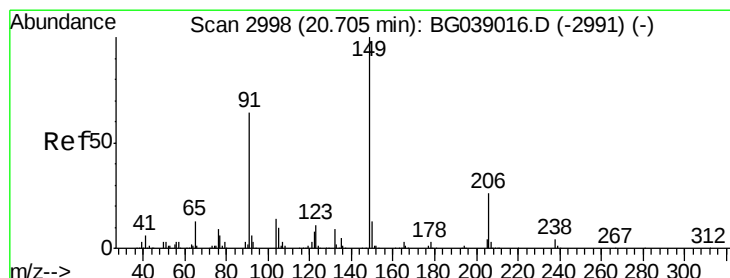
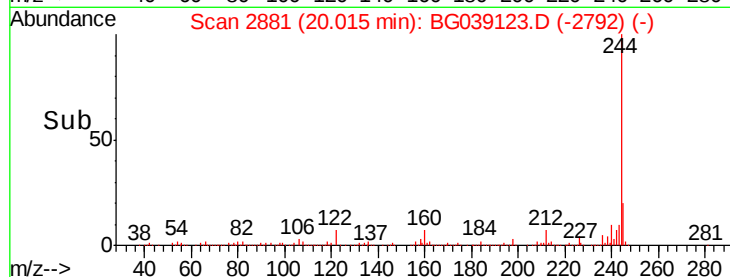
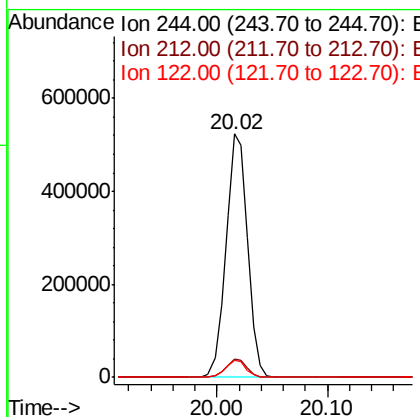
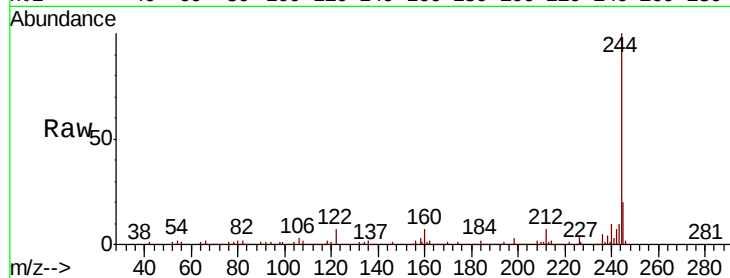
ClientSampleId :

PB116353BS

Tot Ion:	244	Resp:	711685
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.1	9.1
122	7.2	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.161 ng

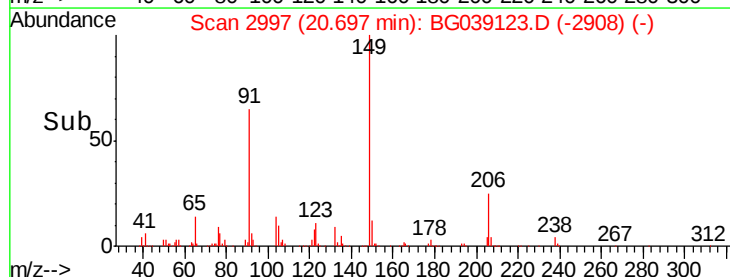
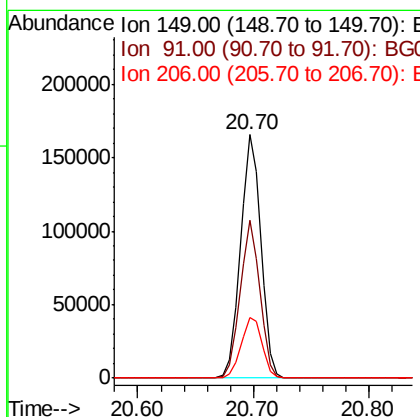
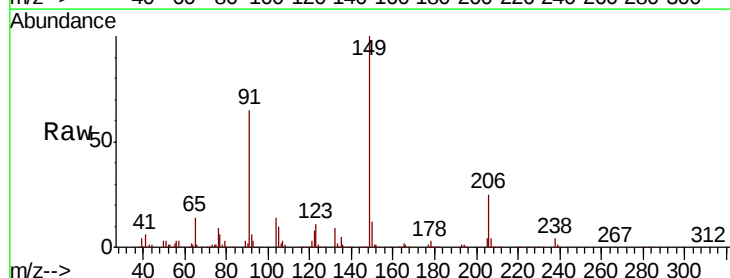
RT: 20.70 min Scan# 2997

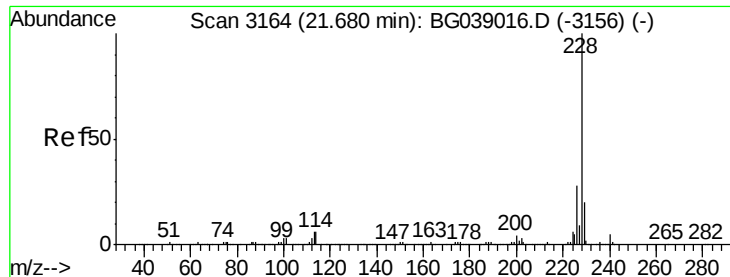
Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	149	Resp:	202695
Ion Ratio		Lower	Upper
149	100		
91	65.0	51.4	77.0
206	25.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 43.946 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

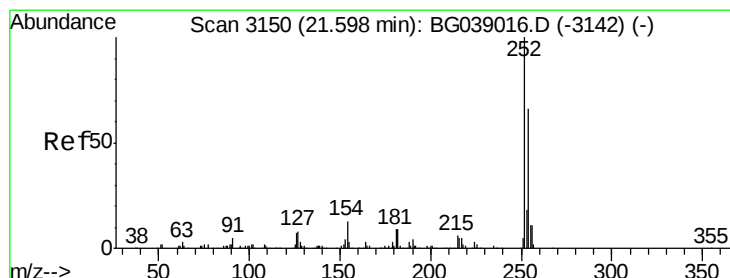
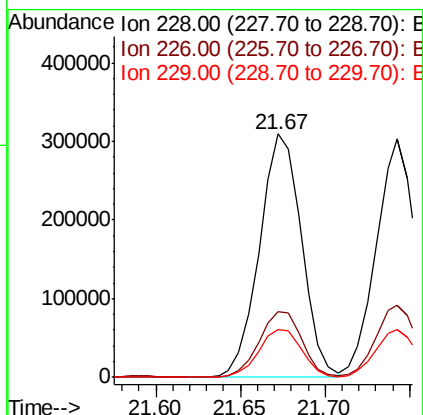
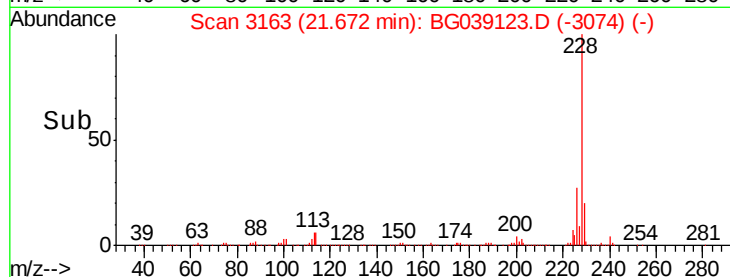
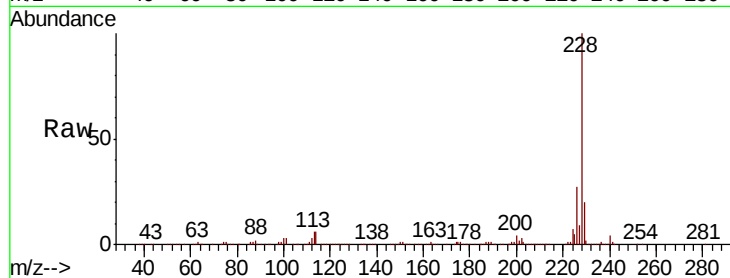
ClientSampleId :

PB116353BS

Tot Ion:	228	Resp:	530615
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.4	33.6
229	19.7	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 33.094 ng

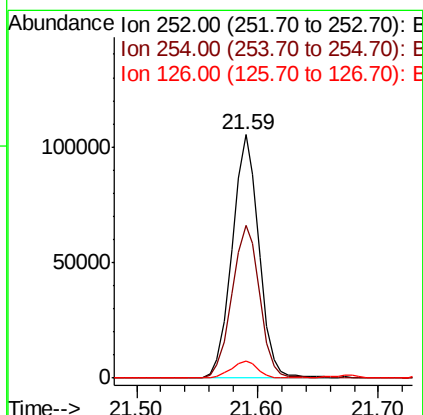
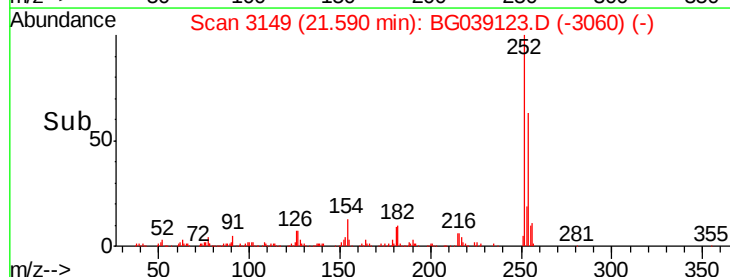
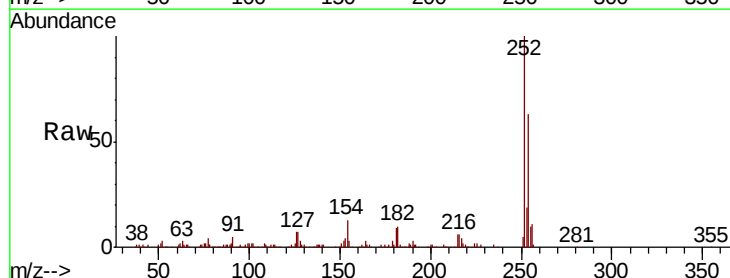
RT: 21.59 min Scan# 3149

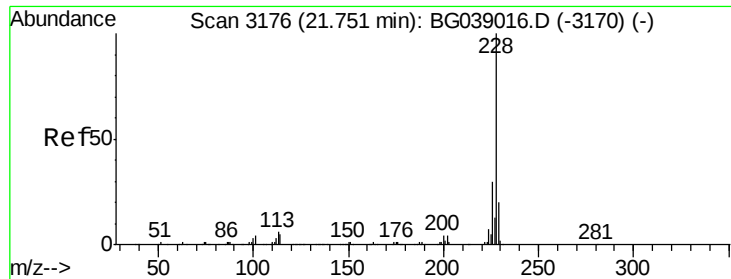
Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	252	Resp:	162811
Ion Ratio	Lower	Upper	
252	100		
254	62.8	53.0	79.6
126	7.1	6.0	9.0





#83

Chrysene

Concen: 43.052 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

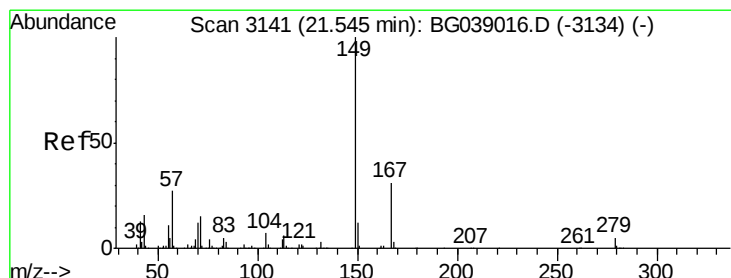
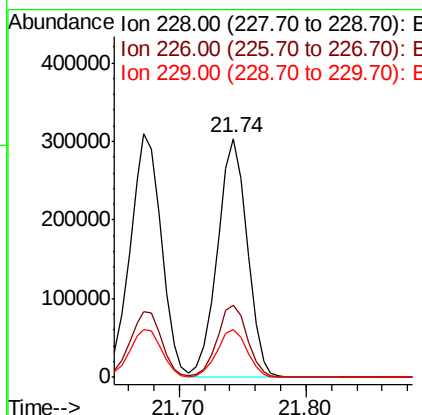
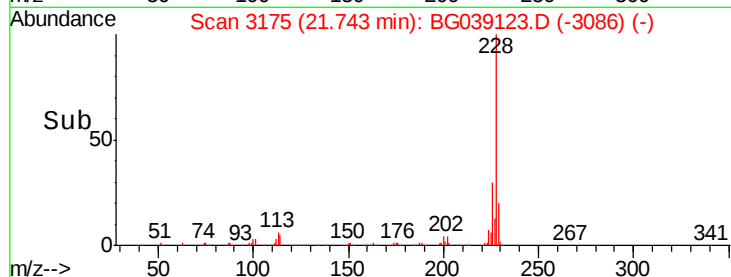
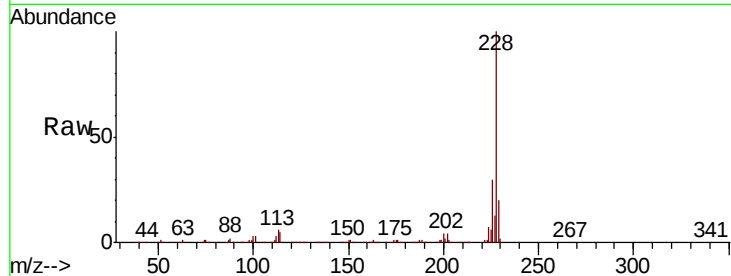
ClientSampleId :

PB116353BS

Tot Ion:	228	Resp:	494397
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	20.2	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.025 ng

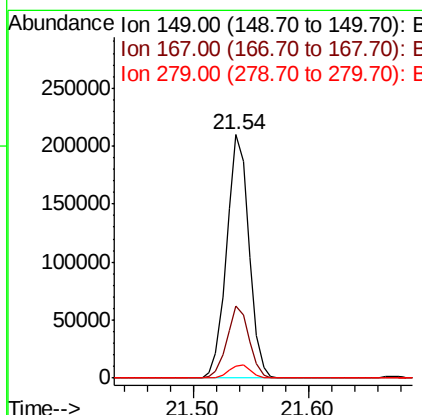
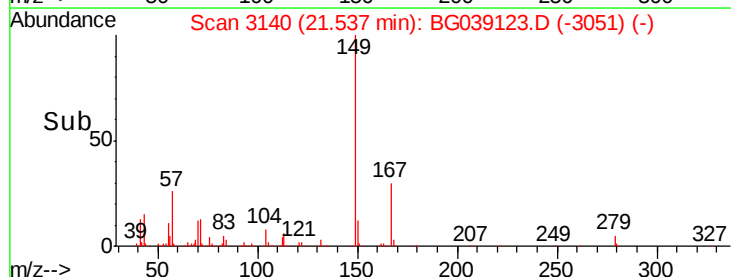
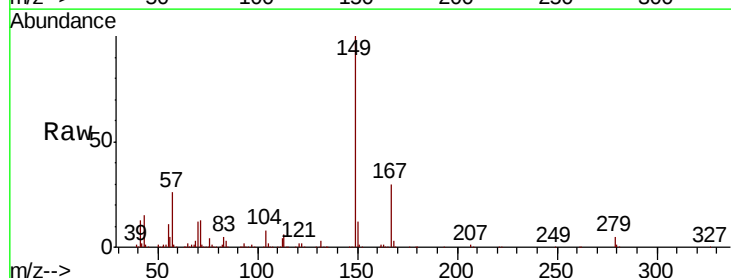
RT: 21.54 min Scan# 3140

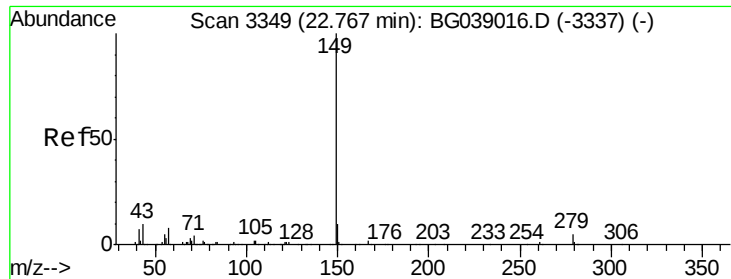
Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Tgt Ion:	149	Resp:	280536
Ion Ratio	Lower	Upper	
149	100		
167	29.7	25.0	37.4
279	5.1	4.3	6.5





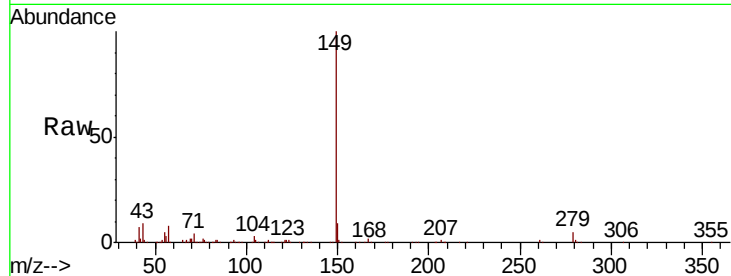
#85
Di-n-octyl phthalate
Concen: 42.518 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

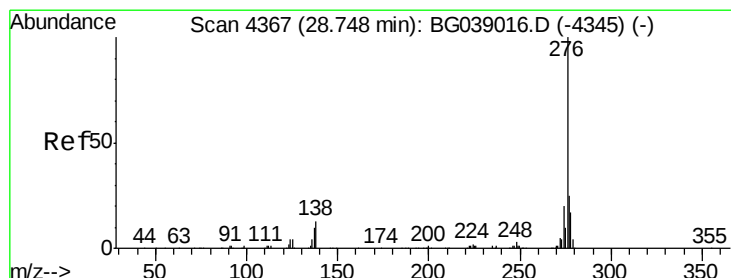
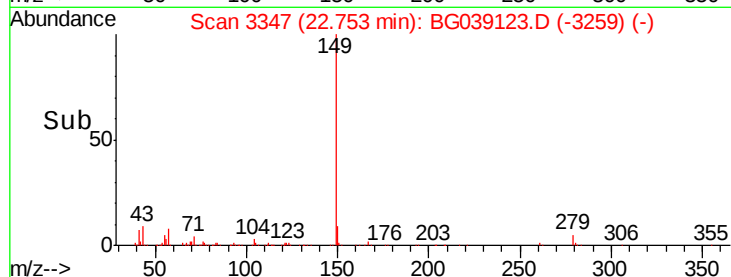
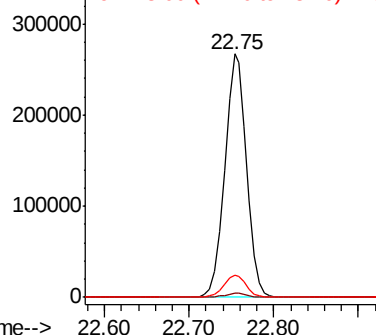
Tot Ion	Ratio	Resp	Lower	Upper
149	100	479919		
167	1.7		1.3	1.9
43	9.4		7.5	11.3

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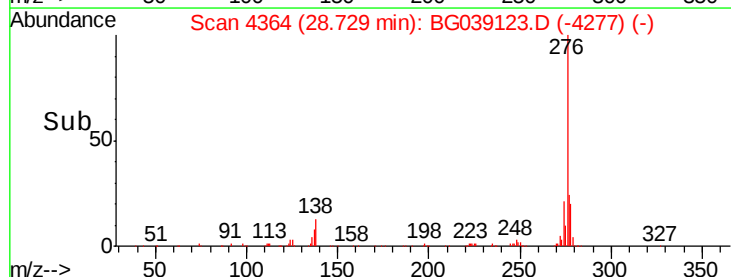
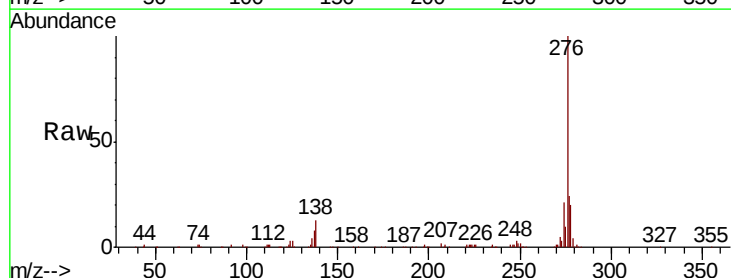
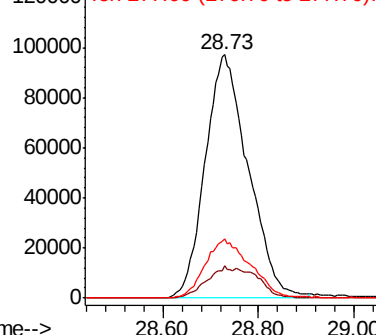
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

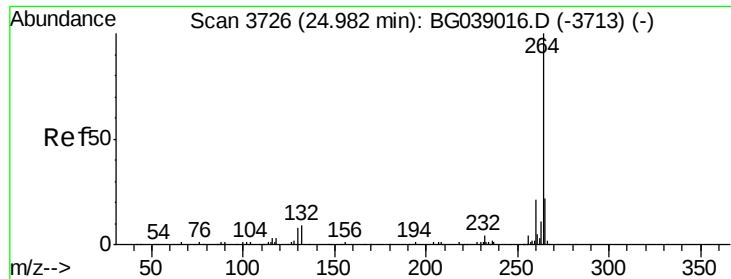


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.152 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	605848		
138	7.7		8.0	12.0#
277	25.5		20.3	30.5

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB116353BS

Tot Ion:264 Resp: 177697

Ion Ratio Lower Upper

264 100

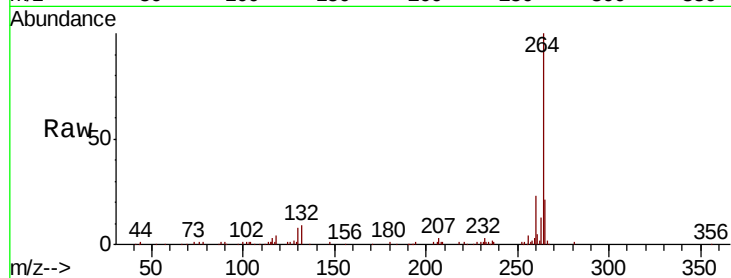
260 23.2 17.0 25.6

265 21.1 17.2 25.8

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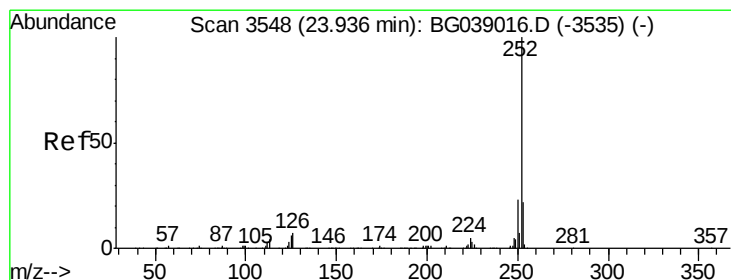
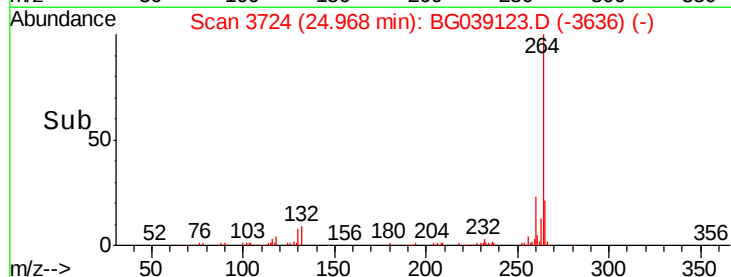
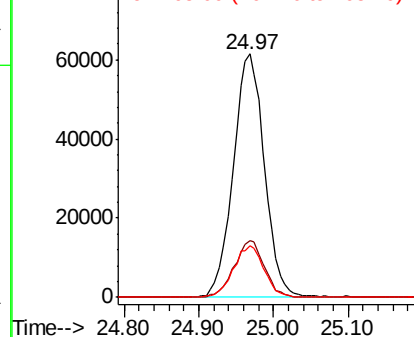


Abundance

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: 62.453 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG039123.D

Acq: 14 Jan 2019 16:32

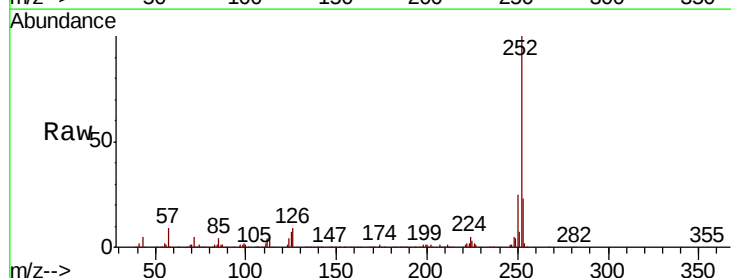
Tgt Ion:252 Resp: 611926

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 7.0 4.9 7.3

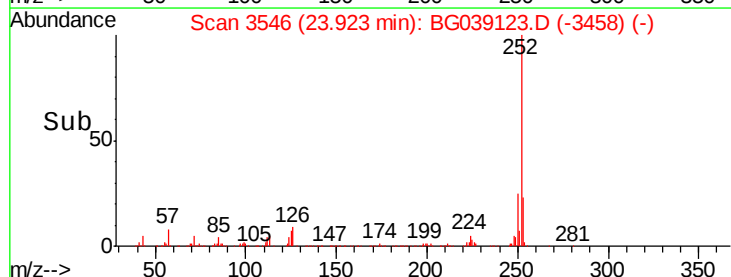
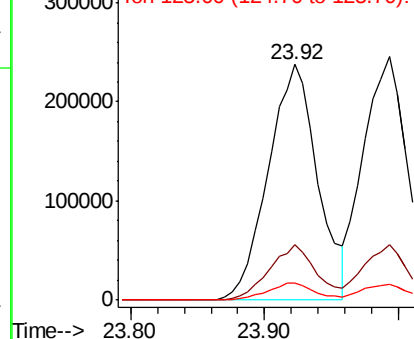


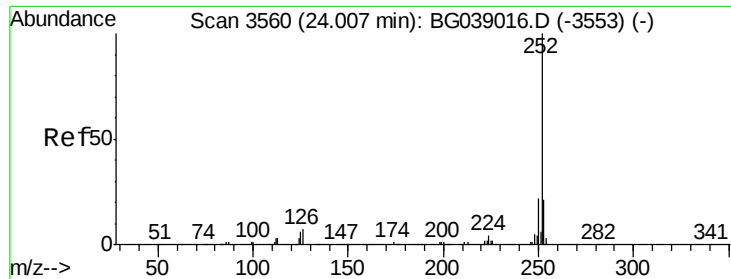
Abundance

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





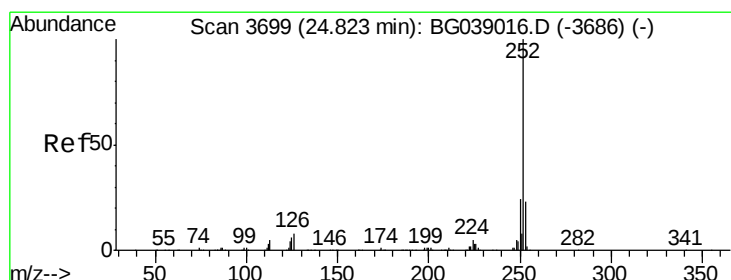
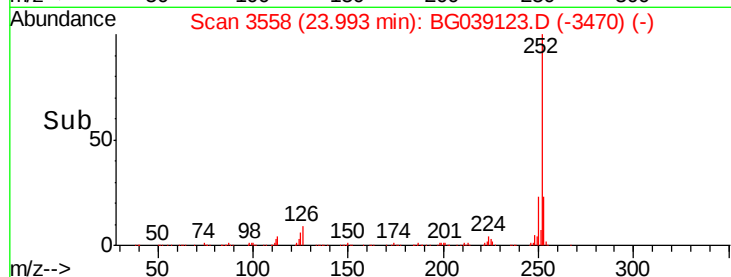
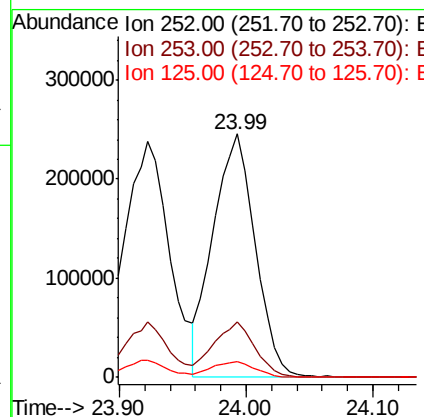
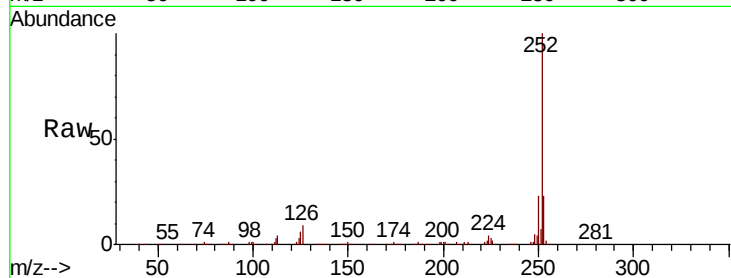
#89
Benzo(k)fluoranthene
Concen: 58.190 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	6.5	4.6	7.0

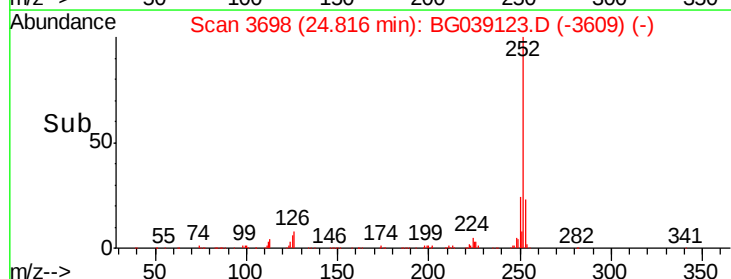
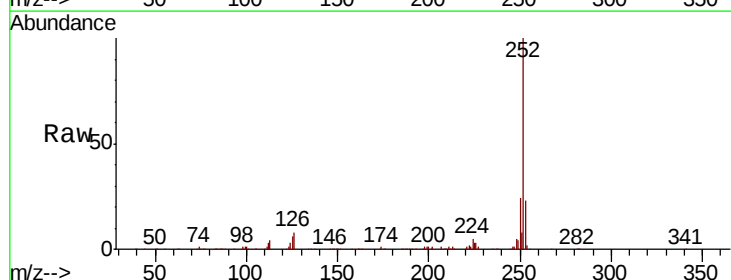
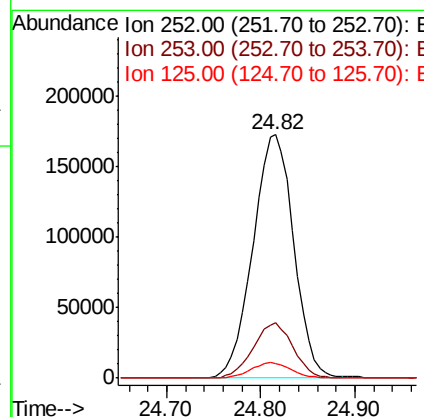
Manual Integrations
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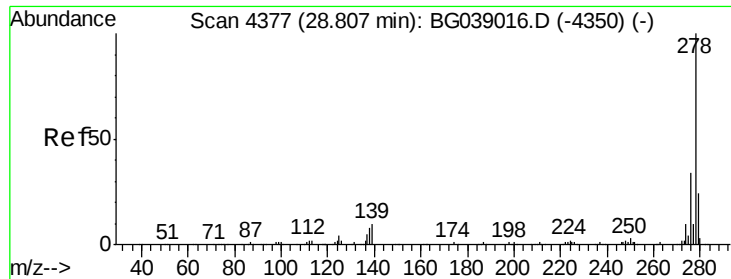
Sohil
1/15/2019 12:18:50 PM



#90
Benzo(a)pyrene
Concen: 54.680 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.1	4.9	7.3





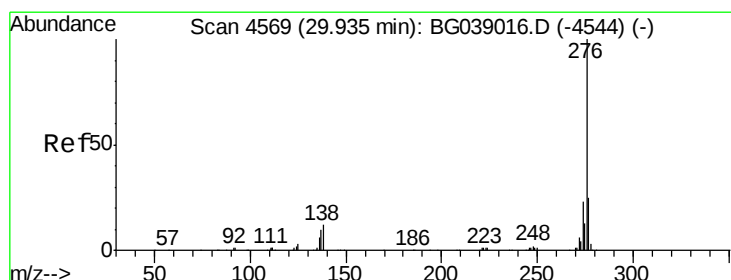
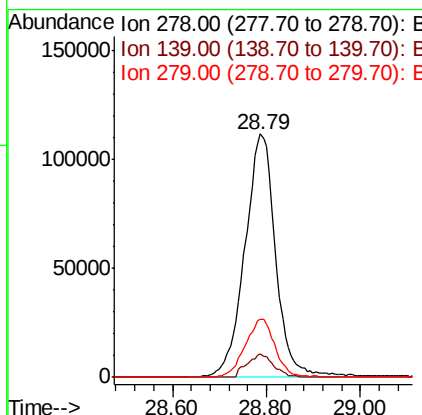
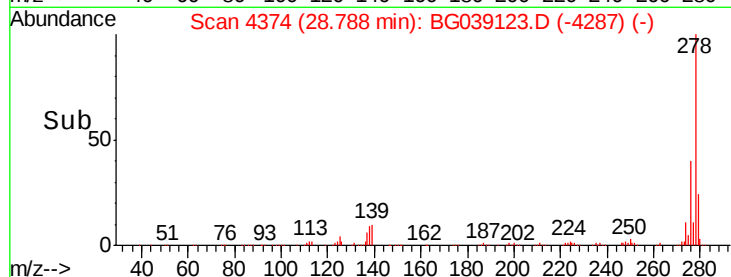
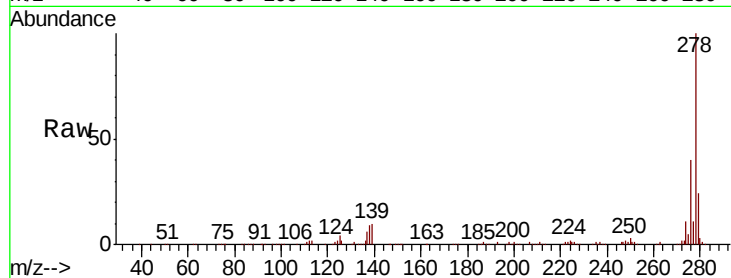
#91
Dibenzo(a,h)anthracene
Concen: 54.017 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.7	7.9	11.9
279	23.9	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/15/2019 12:18:50 PM



#92
Benzo(g,h,i)perylene
Concen: 54.078 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.01 min
Lab File: BG039123.D
Acq: 14 Jan 2019 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.3	30.5
138	12.2	9.4	14.2

