

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039663.D
 Acq On : 28 Feb 2019 17:01
 Operator : JU/SJ
 Sample : TEST 1
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST 1

Manual Integrations
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Sohil
 3/1/2019 4:23:26 PM

Quant Time: Mar 01 06:21:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	38823	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	199195	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167539	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	454485	20.00	ng	0.00
76) Chrysene-d12	21.83	240	349139	20.00	ng	0.00
87) Perylene-d12	25.19	264	361991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	670329	295.51	ng	0.00
7) Phenol-d6	7.32	99	1003737	300.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	987	0.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	543445	301.23	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	126m	0.01	ng	0.00
79) Terphenyl-d14	20.12	244	750	0.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	38158	38.457	ng	99
3) Pyridine	4.00	79	109143	41.546	ng	92
4) n-Nitrosodimethylamine	3.92	42	53872	41.004	ng	88
6) Aniline	7.49	93	136188	32.563	ng	99
8) 2-Chlorophenol	7.73	128	132443	53.415	ng	97
9) Benzaldehyde	7.31	77	95583	72.751	ng	96
10) Phenol	7.35	94	192020	55.169	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	120475	43.804	ng	94
12) 1,3-Dichlorobenzene	8.05	146	124491	41.445	ng	99
13) 1,4-Dichlorobenzene	8.21	146	125534	41.930	ng	95
14) 1,2-Dichlorobenzene	8.52	146	126982	43.812	ng	96
15) Benzyl Alcohol	8.40	79	135838	51.820	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	229776	36.996	ng	98
17) 2-Methylphenol	8.60	107	126490	56.158	ng	96
18) Hexachloroethane	9.25	117	44113	42.827	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	107953	45.553	ng	92
20) 3+4-Methylphenols	8.93	107	183049	59.016	ng	98
22) Acetophenone	8.99	105	201061	37.577	ng	# 93
24) Nitrobenzene	9.39	77	156101	45.316	ng	96
25) Isophorone	9.90	82	321847	45.550	ng	96
26) 2-Nitrophenol	10.10	139	80399	56.372	ng	97
27) 2,4-Dimethylphenol	10.14	122	158926	55.601	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	191161	43.923	ng	99
29) 2,4-Dichlorophenol	10.63	162	168755	54.020	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	144681	41.252	ng	98
31) Naphthalene	11.04	128	431149	43.630	ng	99
32) Benzoic acid	10.27	122	93163	49.441	ng	91
33) 4-Chloroaniline	11.15	127	117623	25.671	ng	98
34) Hexachlorobutadiene	11.30	225	90240	38.689	ng	96
35) Caprolactam	11.94	113	68420	52.928	ng	# 82
36) 4-Chloro-3-methylphenol	12.25	107	199497	55.219	ng	99
37) 2-Methylnaphthalene	12.63	142	351943	48.085	ng	99
38) 1-Methylnaphthalene	12.85	142	341325	48.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	196369	36.838	ng	99

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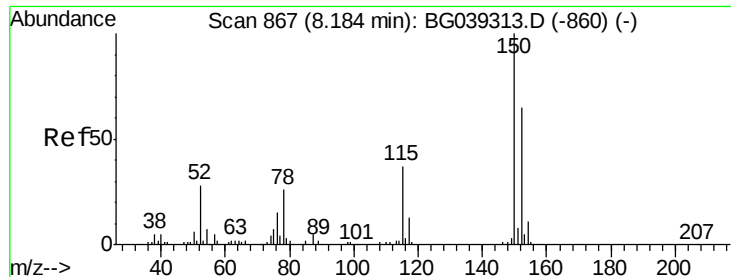
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230678	79.415	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	152646	46.573	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	170970	49.771	nq	99
46) 1,1'-Biphenyl	13.63	154	517320	37.111	nq	99
47) 2-Chloronaphthalene	13.67	162	399865	38.131	nq	97
48) 2-Nitroaniline	13.89	65	154485	50.716	nq	94
49) Acenaphthylene	14.52	152	669791	42.329	nq	99
50) Dimethylphthalate	14.24	163	590950	43.673	nq	99
51) 2,6-Dinitrotoluene	14.37	165	136285	53.086	nq	90
52) Acenaphthene	14.85	154	408573	39.779	nq	97
53) 3-Nitroaniline	14.70	138	89647	34.681	nq #	94
54) 2,4-Dinitrophenol	14.90	184	102188	87.392	nq	93
55) Dibenzofuran	15.18	168	694073	42.146	nq	99
56) 4-Nitrophenol	15.00	139	217454	88.239	nq	89
57) 2,4-Dinitrotoluene	15.15	165	199900	59.474	nq #	84
58) Fluorene	15.84	166	558211	45.470	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178869	55.612	nq #	97
60) Diethylphthalate	15.59	149	614685	43.937	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	296543	42.660	nq	99
62) 4-Nitroaniline	15.87	138	144432	50.648	nq	93
63) Azobenzene	16.11	77	540453	39.524	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	91929	50.344	nq	95
66) n-Nitrosodiphenylamine	16.04	169	538050	38.935	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	207027	41.060	nq	93
68) Hexachlorobenzene	16.83	284	214924	42.486	nq	96
69) Atrazine	16.98	200	226376	44.826	nq	96
70) Pentachlorophenol	17.18	266	237734	67.618	nq	100
71) Phenanthrene	17.58	178	985145	41.880	nq	98
72) Anthracene	17.67	178	1023046	44.154	nq	97
73) Carbazole	17.94	167	863064	37.324	nq	99
74) Di-n-butylphthalate	18.47	149	1100283	40.787	nq	99
75) Fluoranthene	19.58	202	1111854	40.723	nq	99
77) Benzidine	19.76	184	434861	37.990	nq	99
78) Pyrene	19.94	202	1080452	49.711	nq	99
80) Butylbenzylphthalate	20.81	149	398004	43.410	nq	95
81) Benzo(a)anthracene	21.80	228	876136	42.468	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	210348	27.498	nq	99
83) Chrysene	21.87	228	846312	43.094	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	516898	39.517	nq	99
85) Di-n-octyl phthalate	22.93	149	901140	41.700	nq	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	1004124	47.655	nq #	95
88) Benzo(b)fluoranthene	24.12	252	878273	44.489	nq	99
89) Benzo(k)fluoranthene	24.19	252	851790	42.976	nq	100
90) Benzo(a)pyrene	25.04	252	857535	45.104	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	813685	45.700	nq	99
92) Benzo(g,h,i)perylene	30.32	276	805257	45.375	nq	98

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



#1

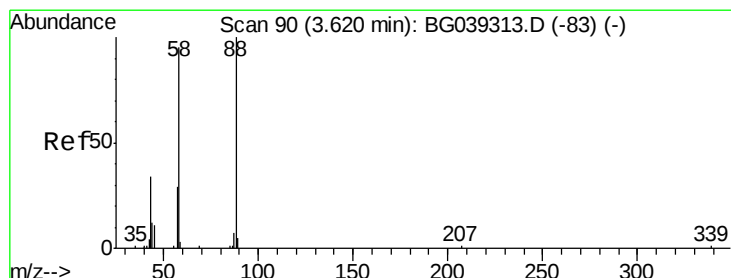
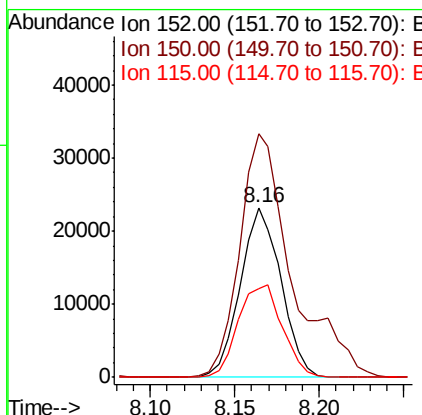
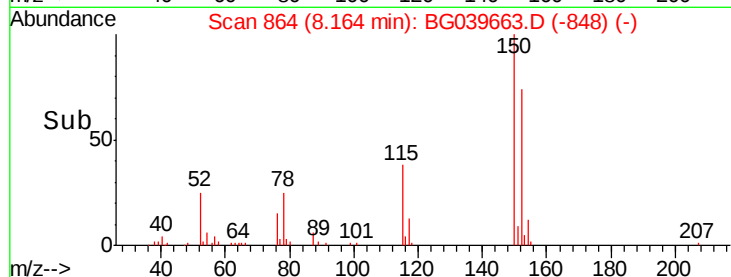
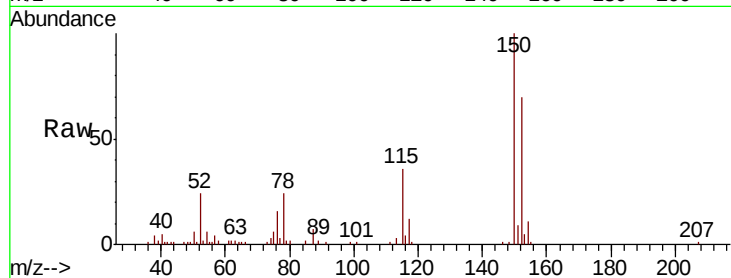
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	52.0	45.9	68.9

Manual Integrations
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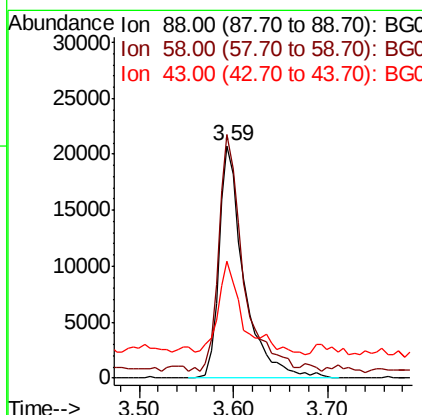
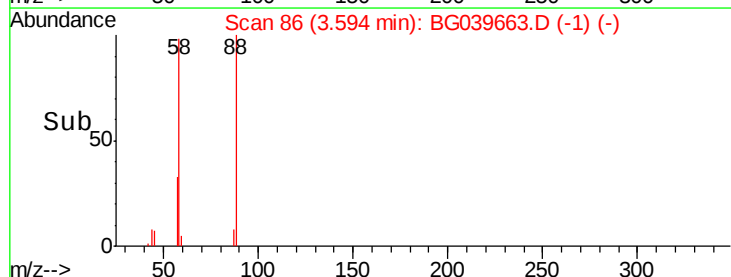
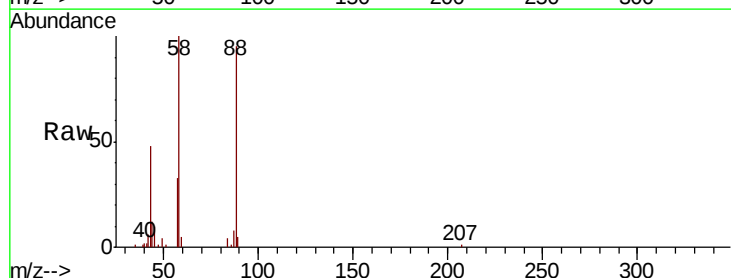
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#2

1,4-Dioxane
Concen: 38.457 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.4	81.1	121.7
43	39.9	31.4	47.0





#3

Pvridine

Concen: 41.546 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

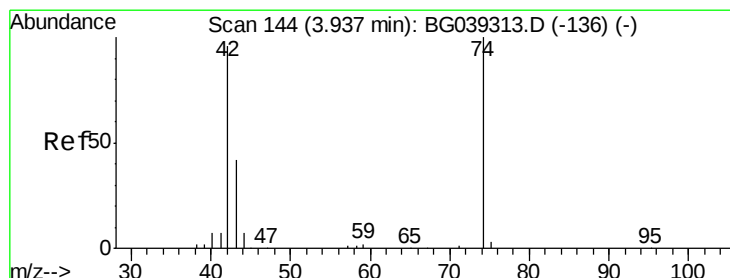
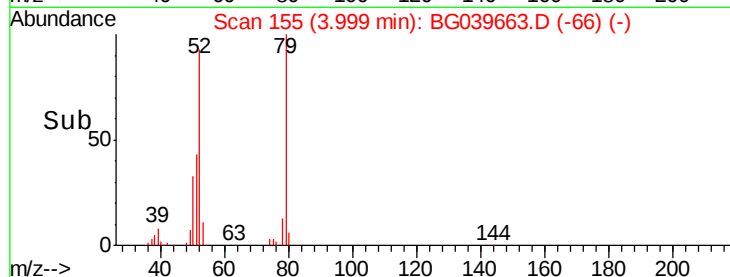
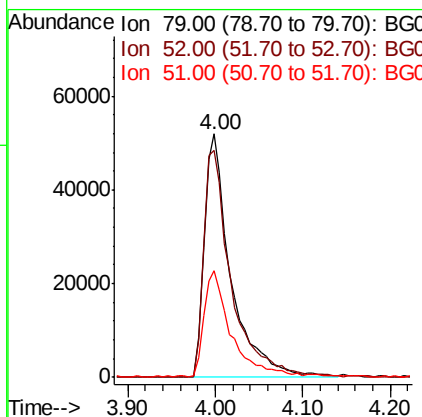
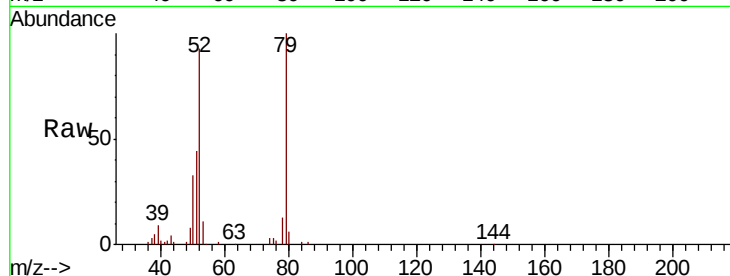
ClientSampled :

TEST 1

Tot Ion:	79	Resp:	109143
Ion	Ratio	Lower	Upper
79	100		
52	93.3	82.6	124.0
51	43.7	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.004 ng

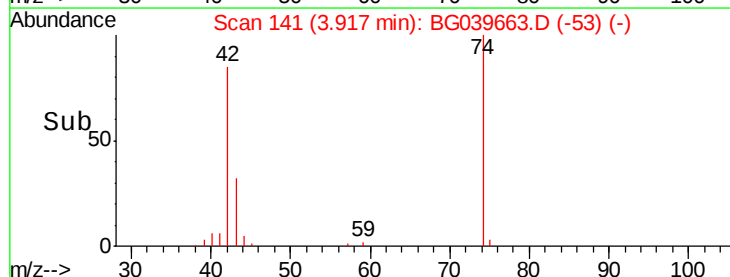
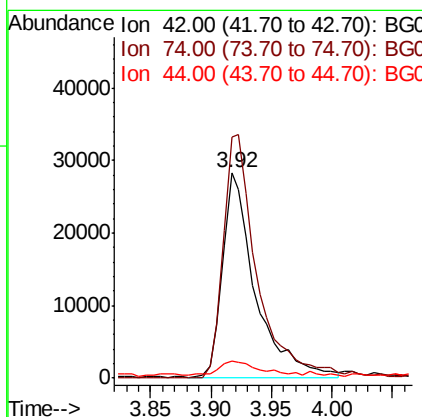
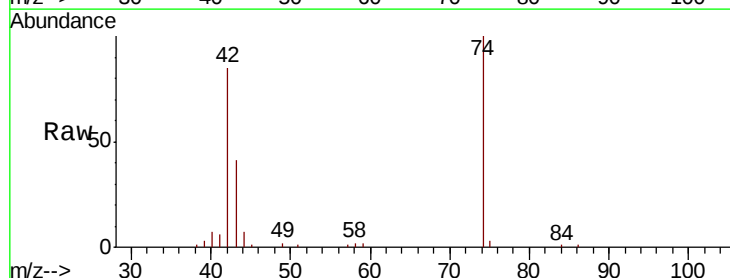
RT: 3.92 min Scan# 141

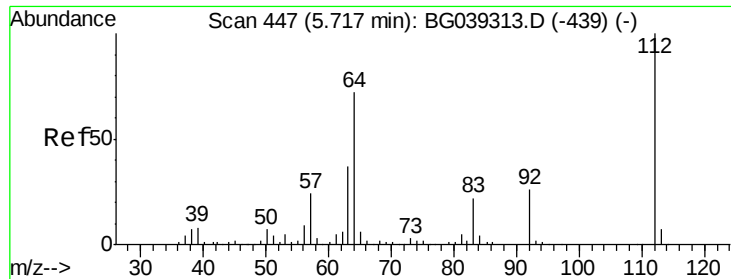
Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	42	Resp:	53872
Ion	Ratio	Lower	Upper
42	100		
74	117.4	83.6	125.4
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 295.514 ng

RT: 5.71 min Scan# 447

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

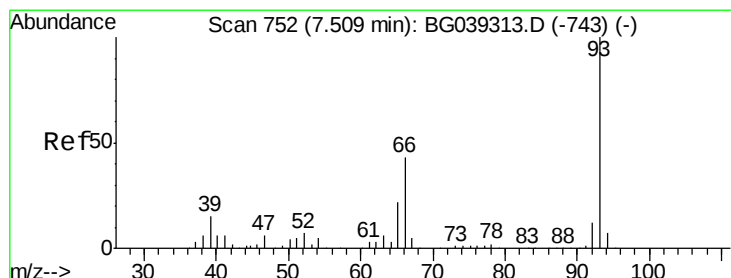
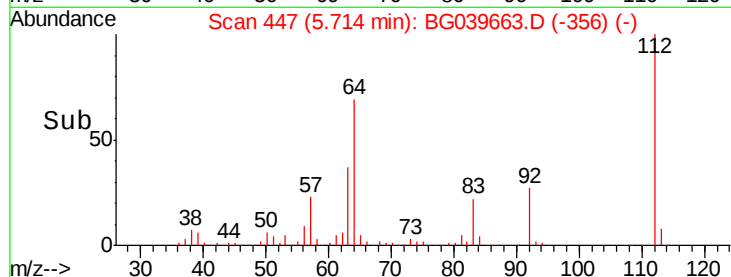
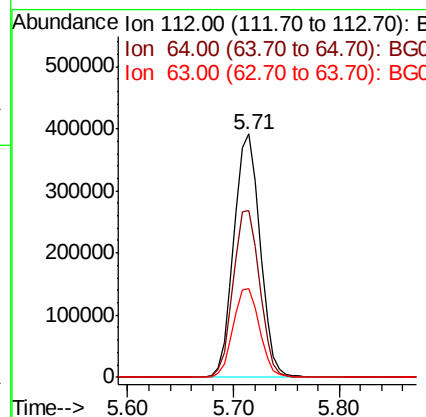
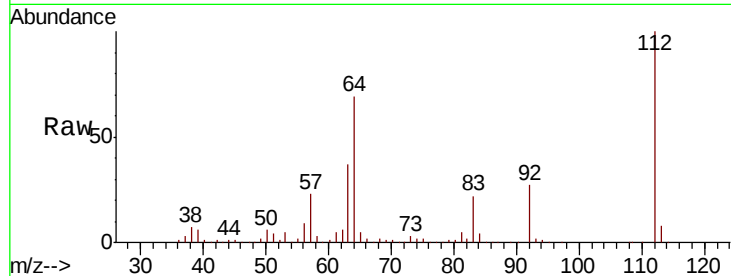
ClientSampled :

TEST 1

Tot Ion:	112	Resp:	670329
Ion Ratio	Lower	Upper	
112	100		
64	68.7	57.8	86.8
63	36.5	29.8	44.6

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#6

Aniline

Concen: 32.563 ng

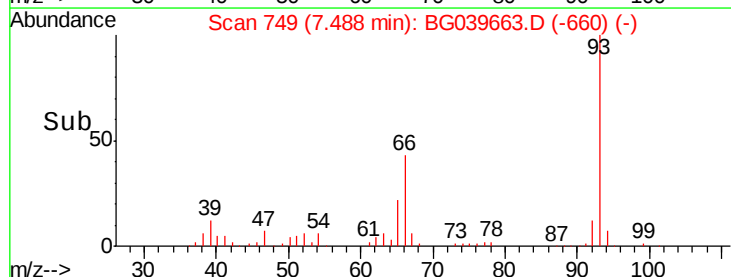
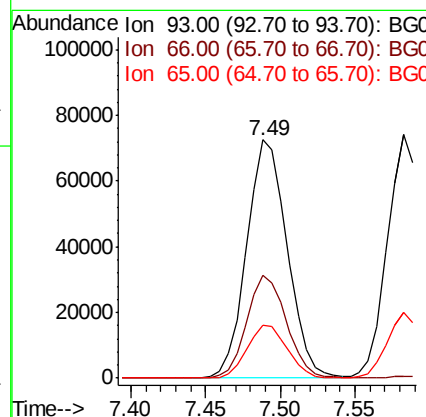
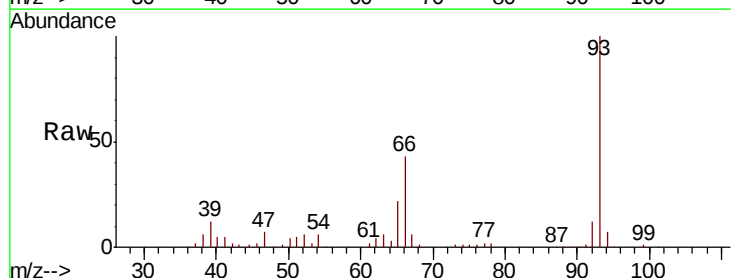
RT: 7.49 min Scan# 749

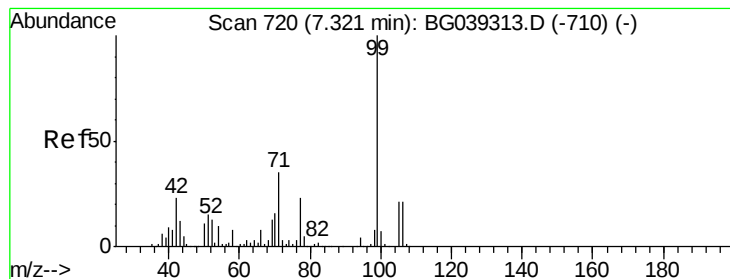
Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	93	Resp:	136188
Ion Ratio	Lower	Upper	
93	100		
66	43.3	34.2	51.4
65	22.4	17.7	26.5





#7

Phenol-d6

Concen: 300.615 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampled :

TEST 1

Tot Ion: 99 Resp: 1003737

Ion Ratio Lower Upper

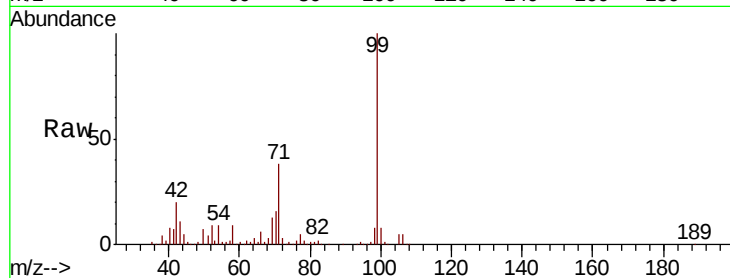
99 100

42 20.3 18.2 27.2

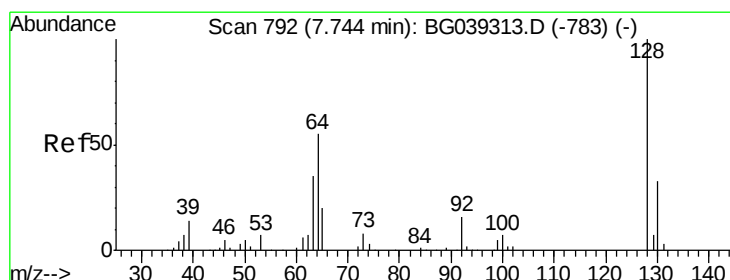
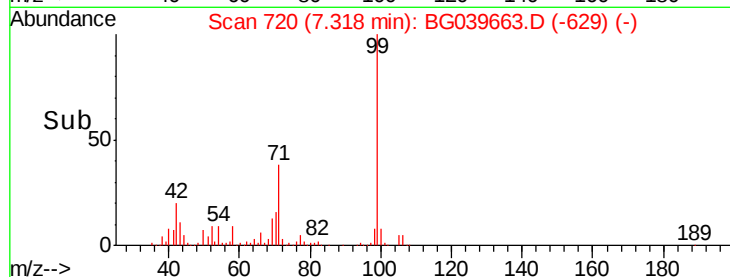
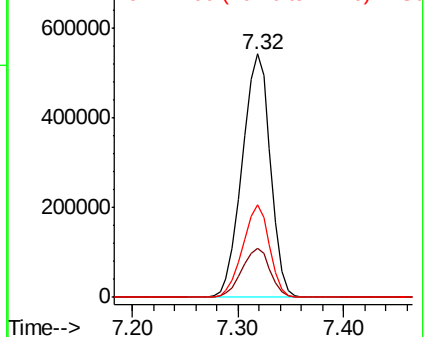
71 37.8 28.0 42.0

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



#8

2-Chlorophenol

Concen: 53.415 ng

RT: 7.73 min Scan# 790

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

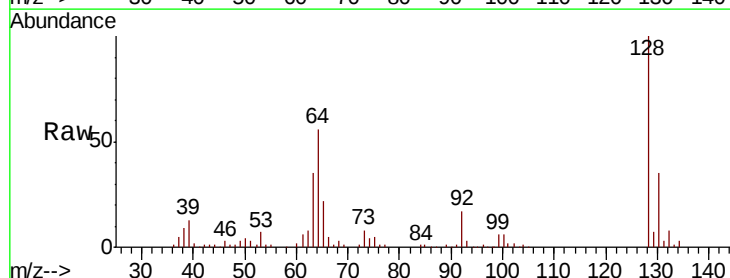
Tgt Ion:128 Resp: 132443

Ion Ratio Lower Upper

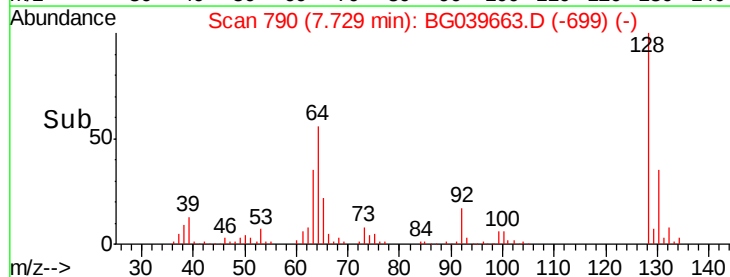
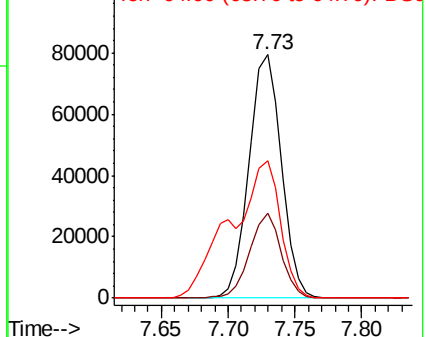
128 100

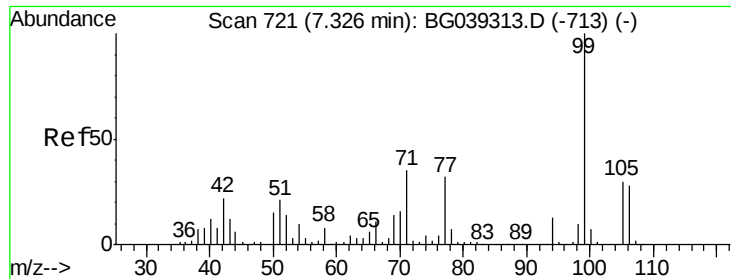
130 34.8 12.9 52.9

64 56.5 38.7 78.7



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





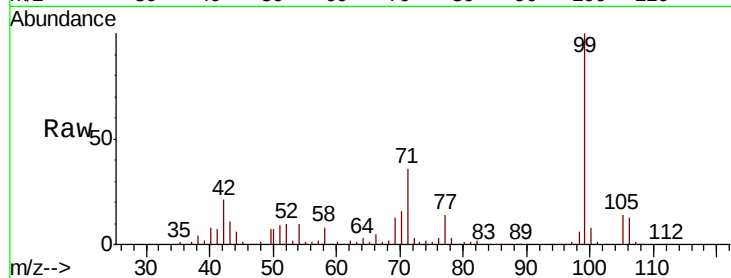
#9
Benzaldehyde
Concen: 72.751 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

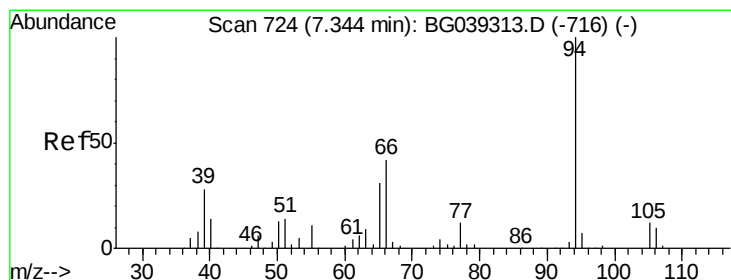
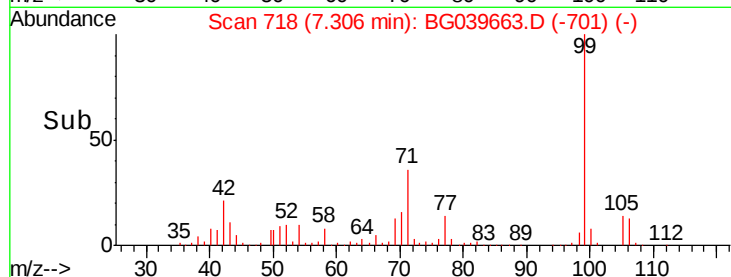
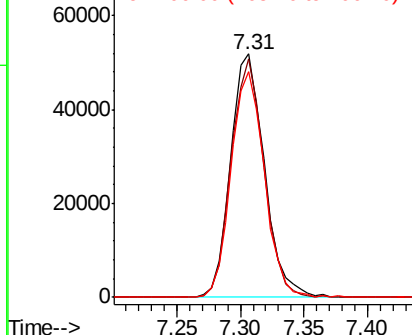
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.7	74.5	114.5
106	92.5	68.0	108.0

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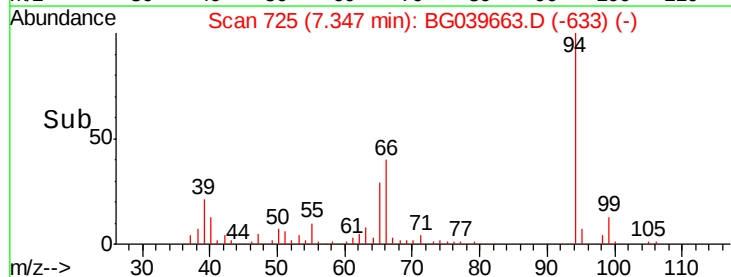
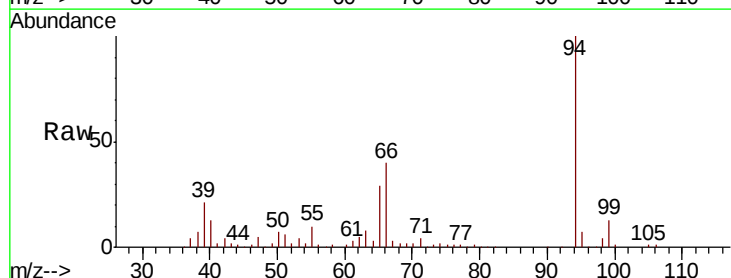
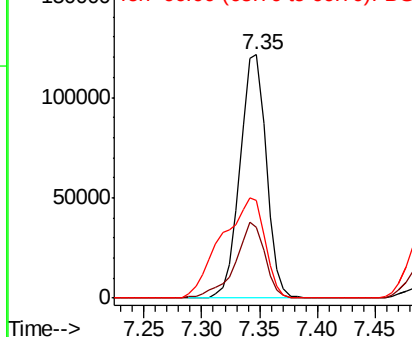
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10
Phenol
Concen: 55.169 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.7	51.7
66	40.0	23.7	63.7

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





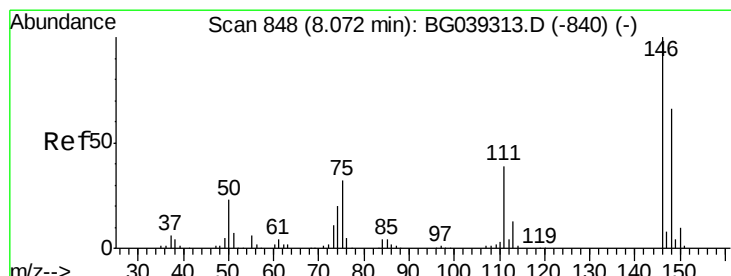
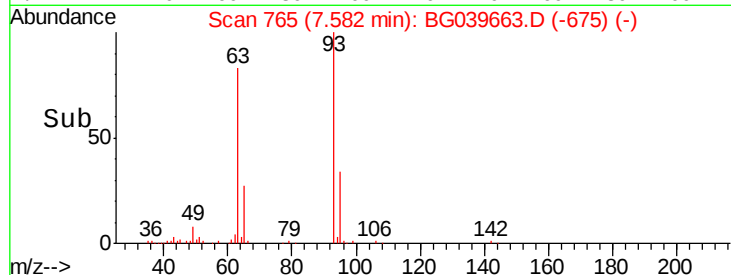
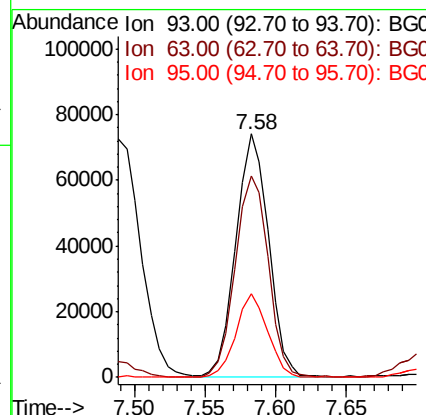
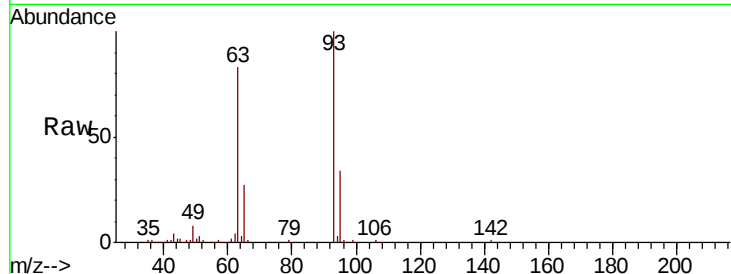
#11
bis(2-Chloroethyl)ether
Concen: 43.804 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
93	100	120475		
63	82.7	69.5	109.5	
95	34.1	12.7	52.7	

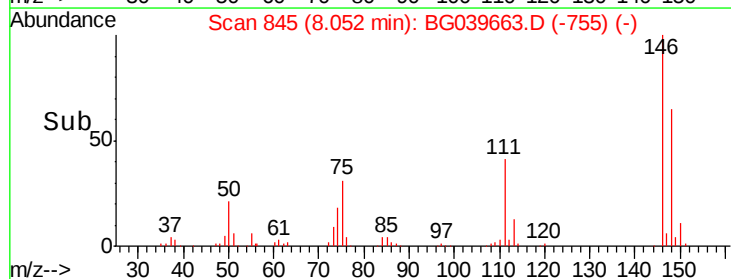
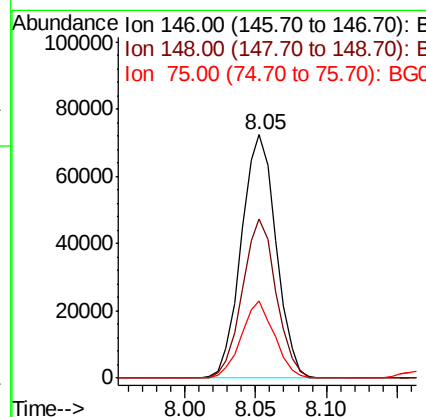
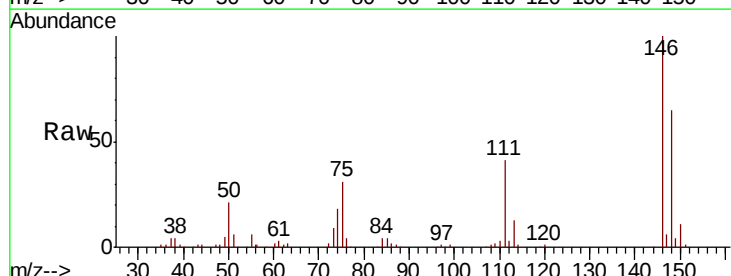
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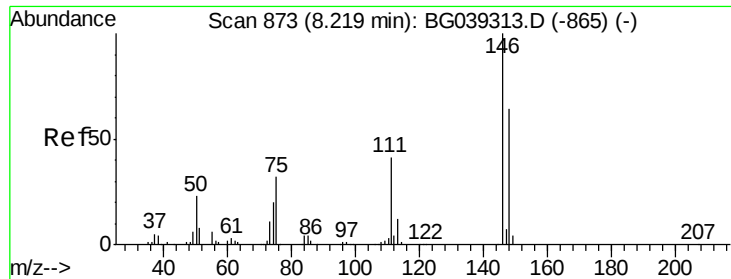
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.445 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124491		
148	65.2	52.6	79.0	
75	31.5	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 41.930 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

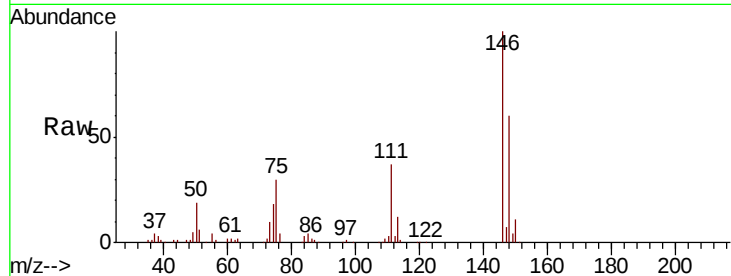
ClientSampled :

TEST 1

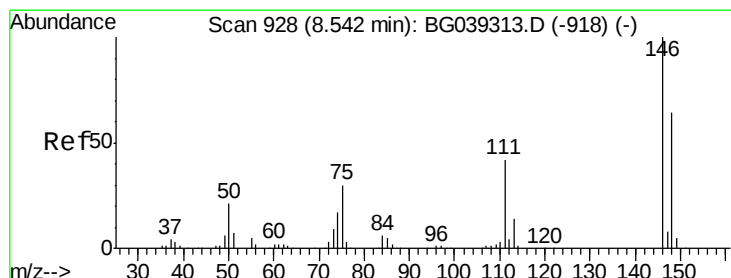
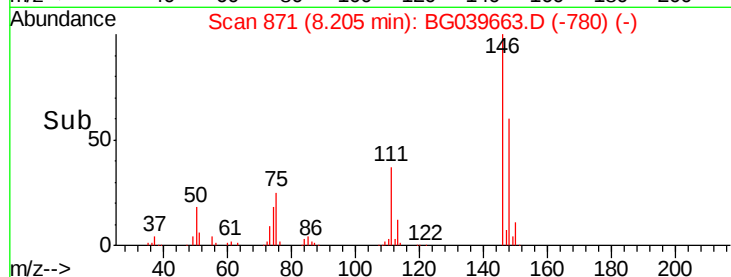
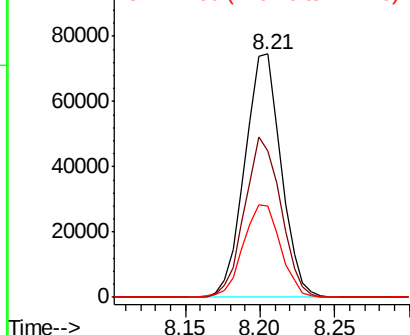
Tot Ion:	146	Resp:	125534
Ion Ratio	Lower	Upper	
146	100		
148	59.9	51.1	76.7
111	37.5	32.6	48.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.812 ng

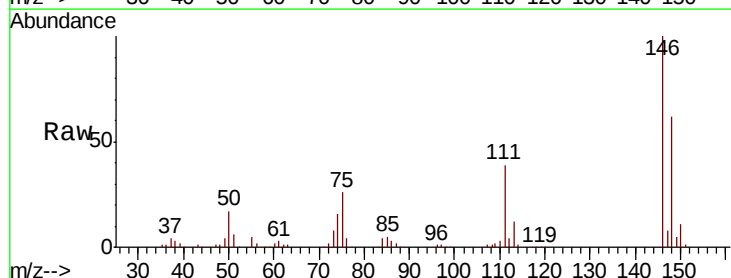
RT: 8.52 min Scan# 925

Delta R.T. -0.00 min

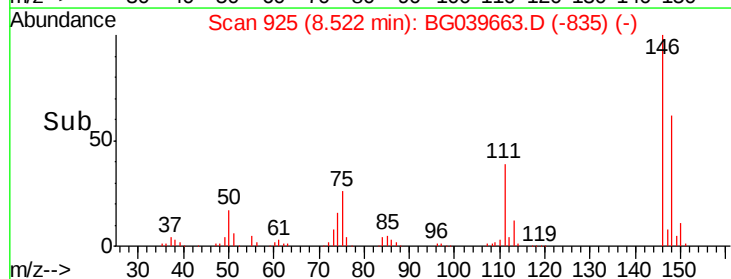
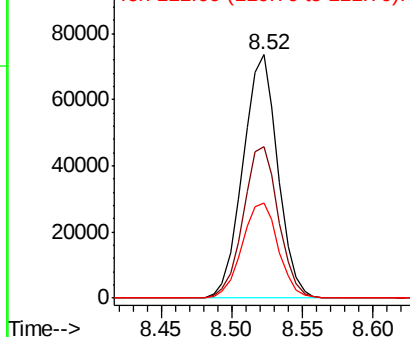
Lab File: BG039663.D

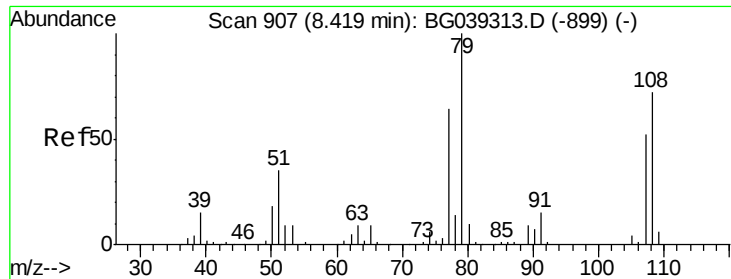
Acq: 28 Feb 2019 17:01

Tgt Ion:	146	Resp:	126982
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.5	77.3
111	39.0	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.820 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

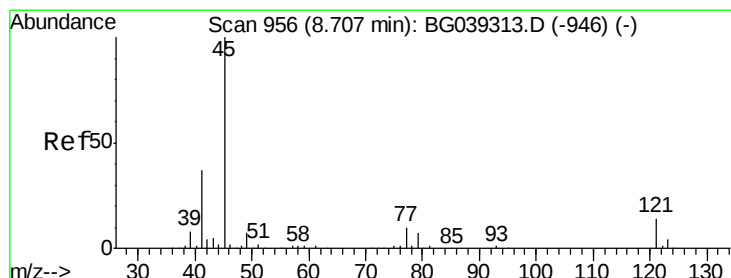
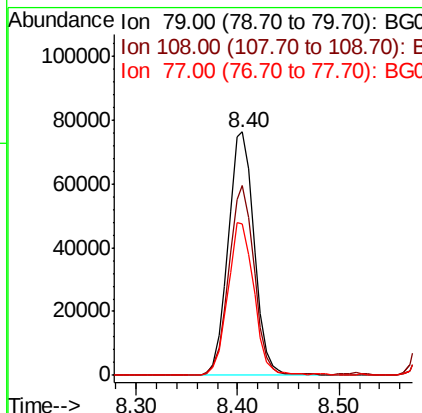
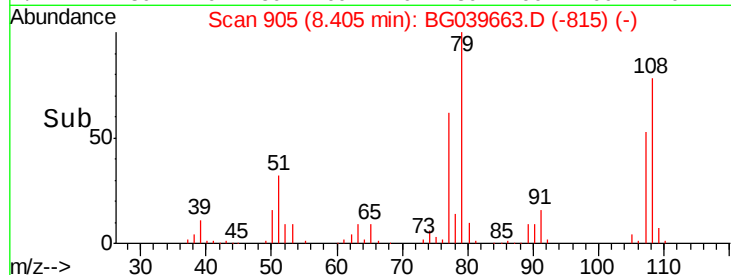
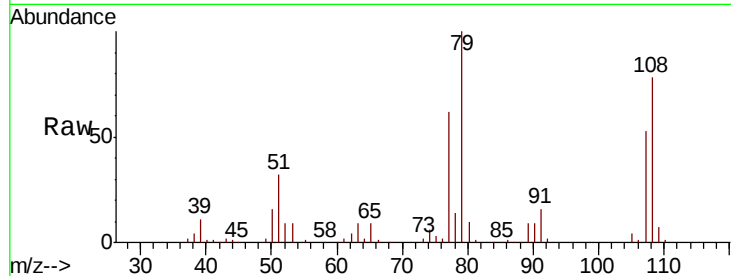
ClientSampled :

TEST 1

Tot Ion:	79	Resp:	135838
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.8	86.6
77	62.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.996 ng

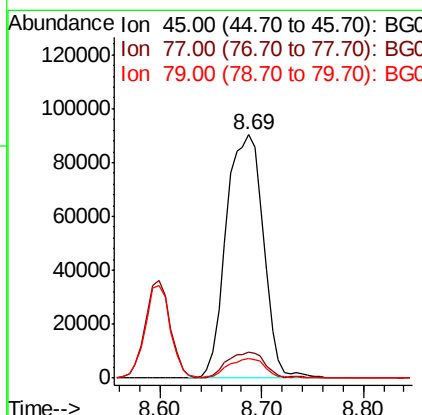
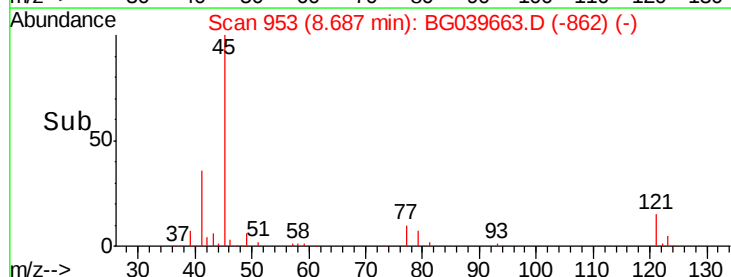
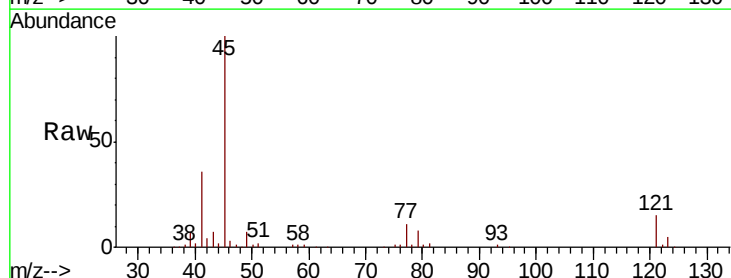
RT: 8.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	45	Resp:	229776
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.0
79	7.9	0.0	27.5





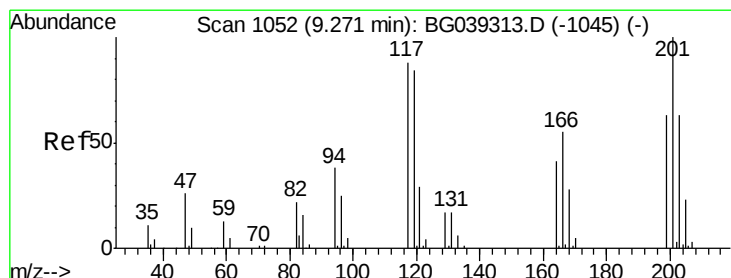
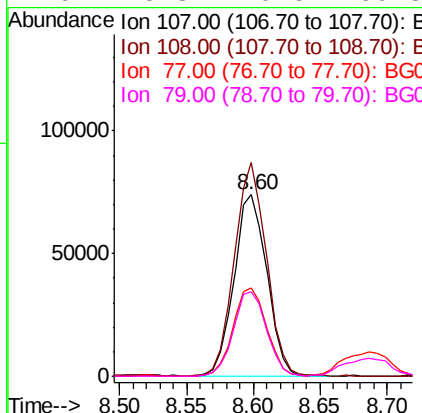
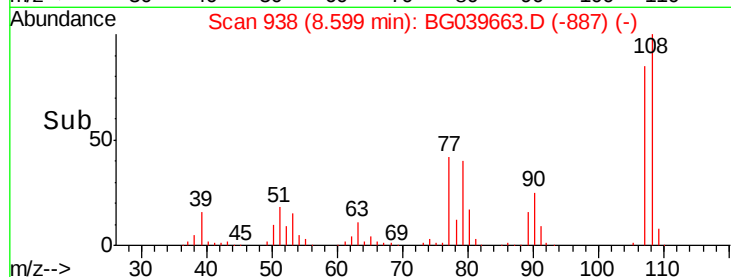
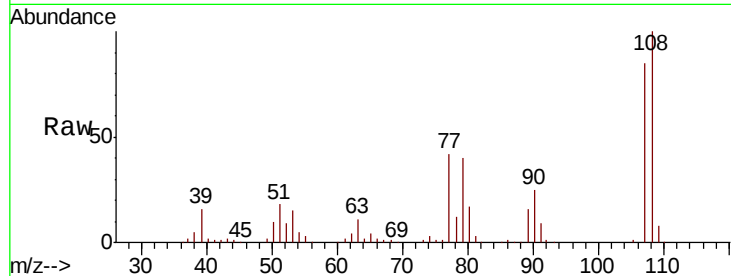
#17
2-Methylphenol
Concen: 56.158 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion:	107	Resp:	126490
Ion Ratio	Lower	Upper	
107	100		
108	117.8	90.8	136.2
77	48.9	40.7	61.1
79	46.8	40.6	60.8

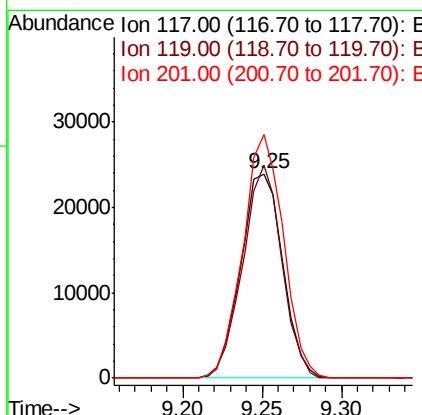
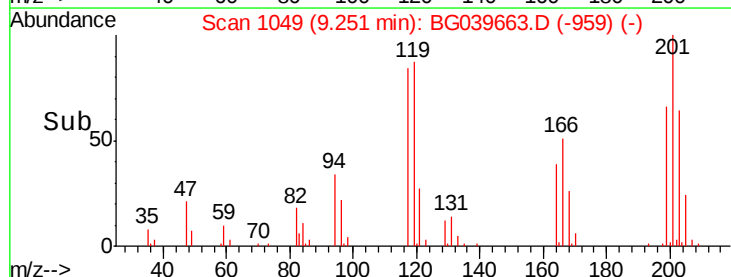
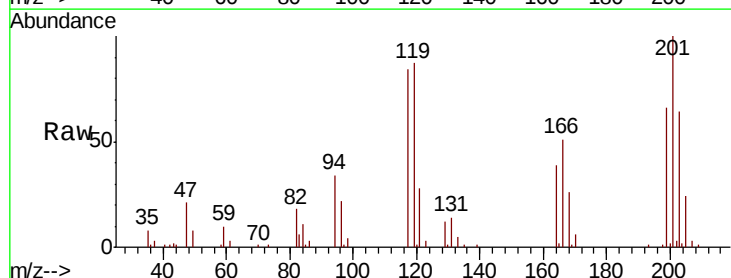
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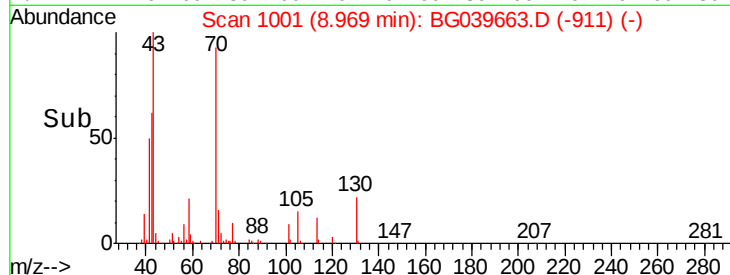
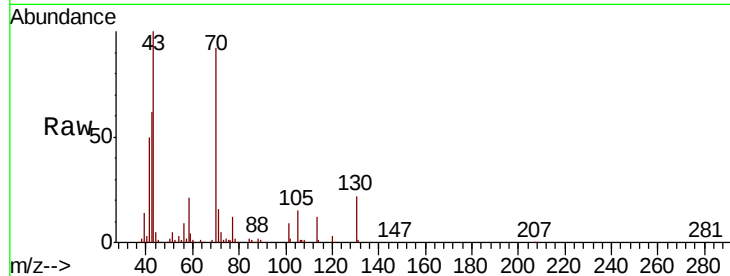
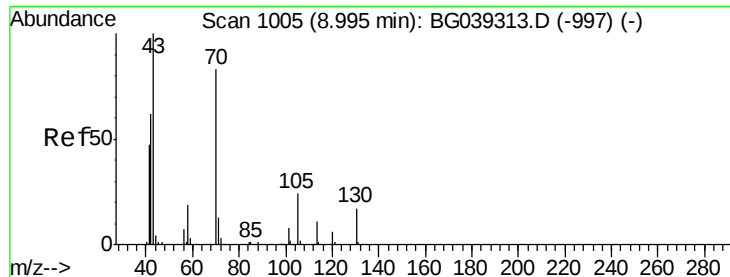
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#18
Hexachloroethane
Concen: 42.827 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:	117	Resp:	44113
Ion Ratio	Lower	Upper	
117	100		
119	103.9	76.3	114.5
201	119.1	91.1	136.7





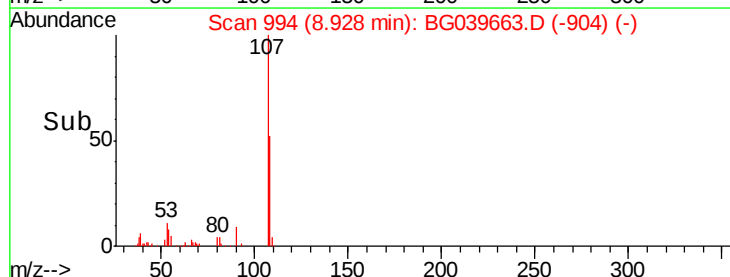
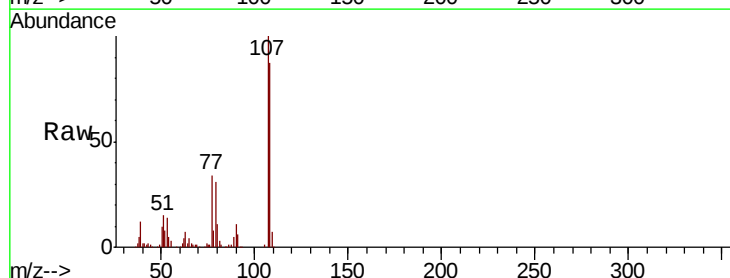
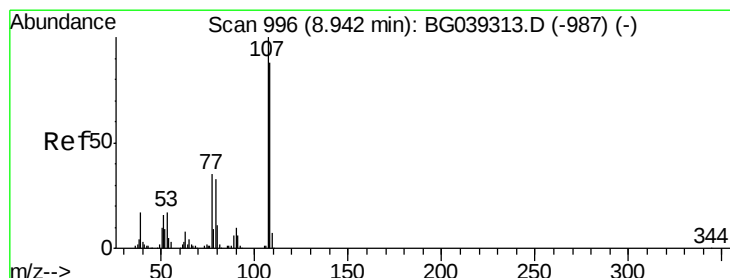
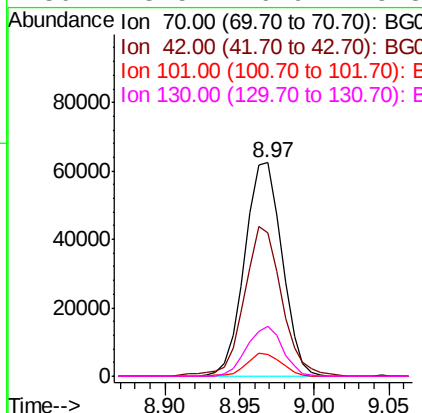
#19
n-Nitroso-di-n-propylamine
Concen: 45.553 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.0	60.4	90.6		
101	10.0	7.5	11.3		
130	23.5	16.9	25.3		

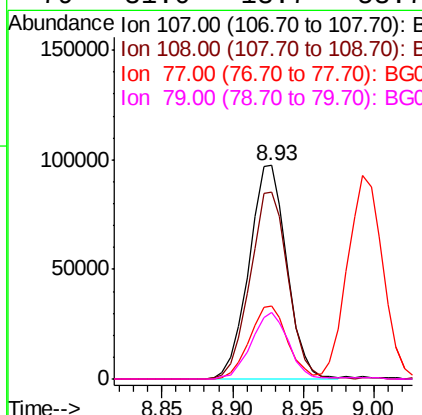
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3/1/2019 4:23:26 PM



#20
3+4-Methylphenols
Concen: 59.016 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	67.9	107.9		
77	34.2	15.4	55.4		
79	31.0	13.7	53.7		





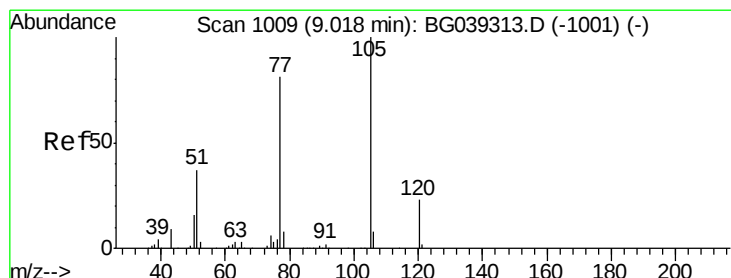
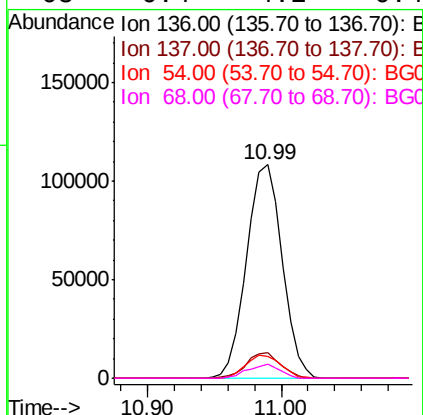
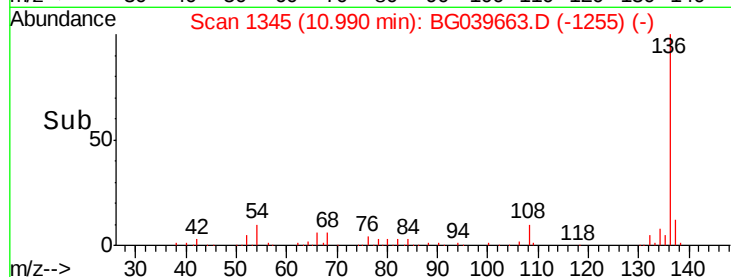
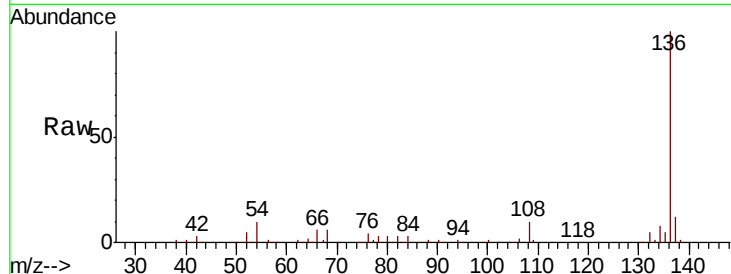
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	199195		
137	11.8	9.1	13.7	
54	10.1	9.4	14.2	
68	6.4	4.2	6.4	

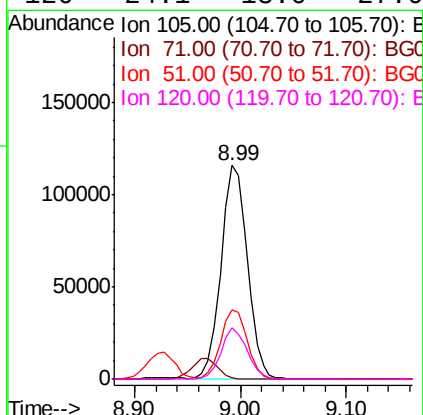
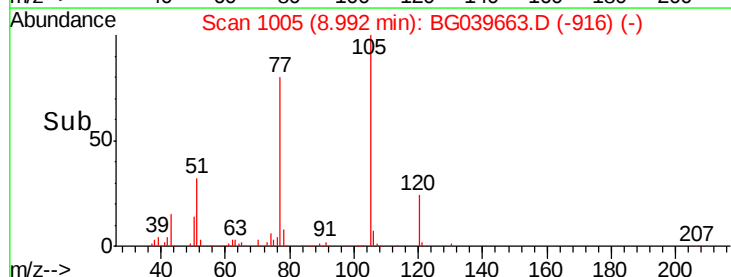
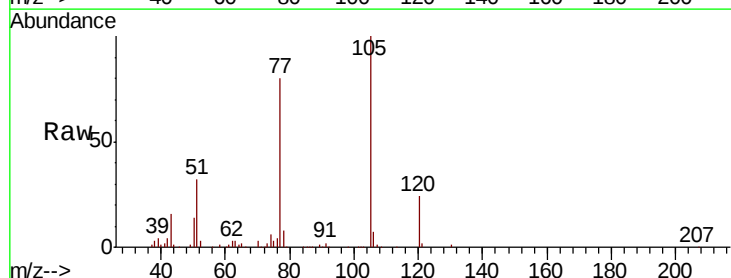
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#22
Acetophenone
Concen: 37.577 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201061		
71	0.3	0.8	1.2	
51	32.4	30.2	45.2	
120	24.1	18.0	27.0	





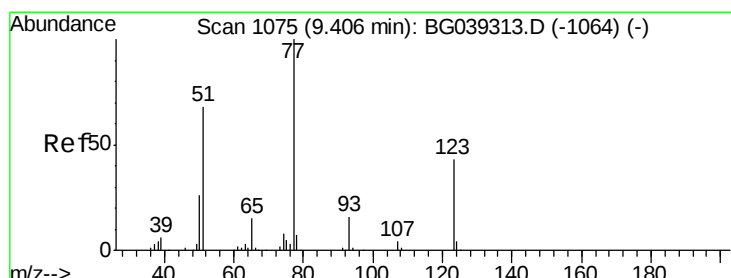
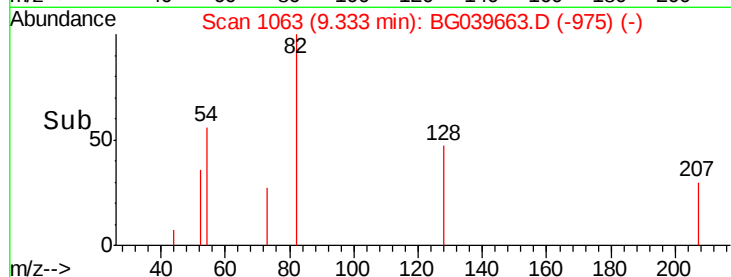
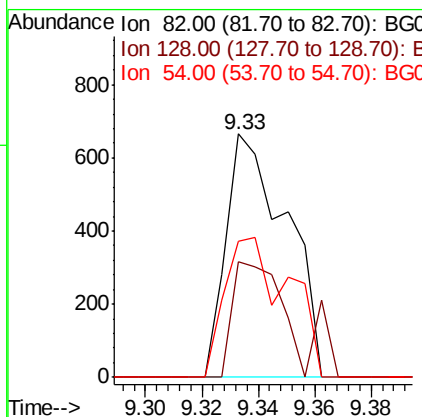
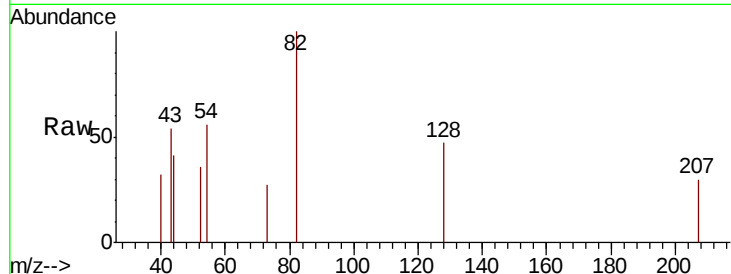
#23
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	31.3	46.9#
54	56.0	50.9	76.3

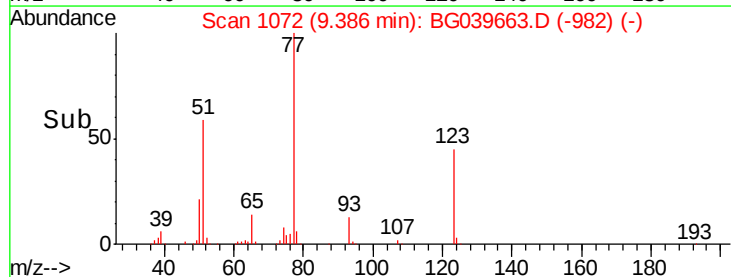
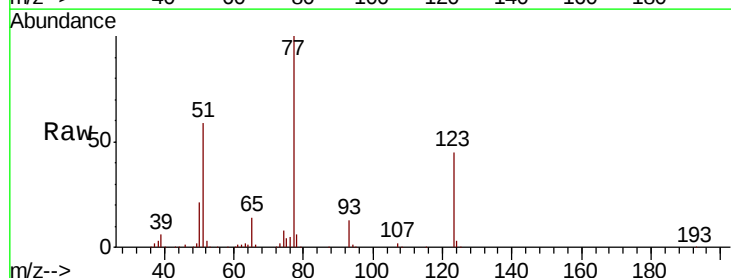
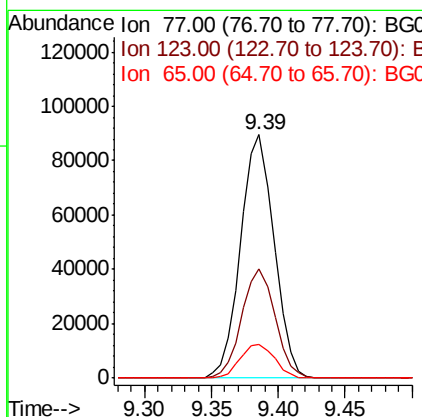
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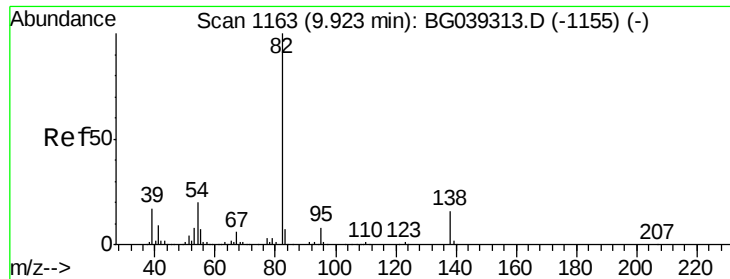
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#24
Nitrobenzene
Concen: 45.316 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	34.1	51.1
65	14.0	12.3	18.5





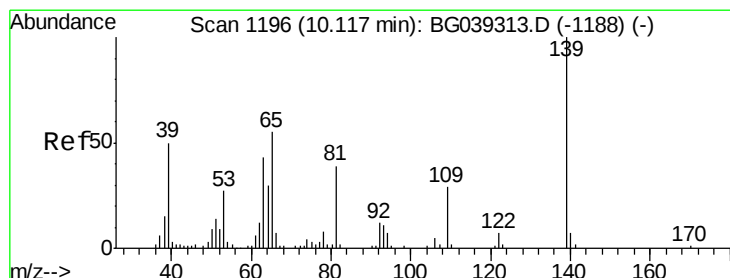
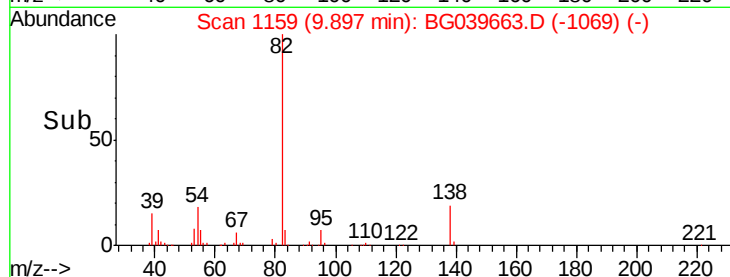
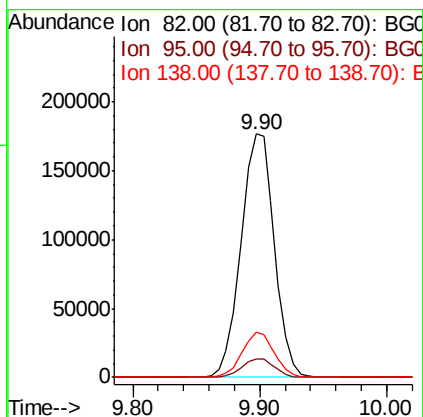
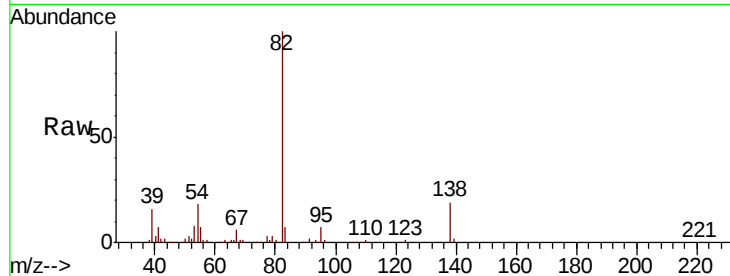
#25
Isophorone
Concen: 45.550 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	18.7	13.0	19.4

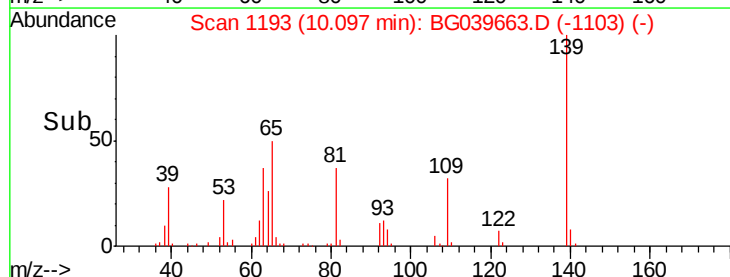
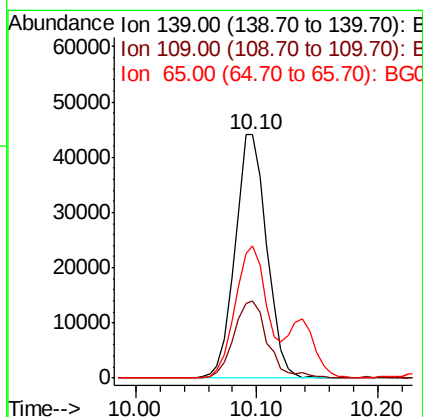
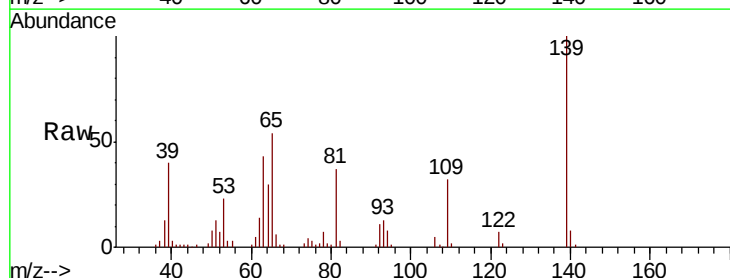
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#26
2-Nitrophenol
Concen: 56.372 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.9	23.4	35.0
65	54.4	44.3	66.5





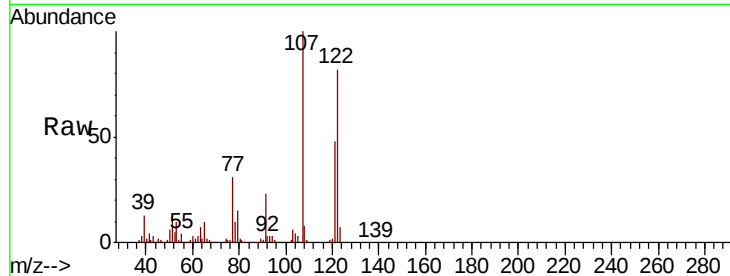
#27
2,4-Dimethylphenol
Concen: 55.601 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
122	100	158926		
107	121.8	91.7	137.5	
121	58.5	46.4	69.6	

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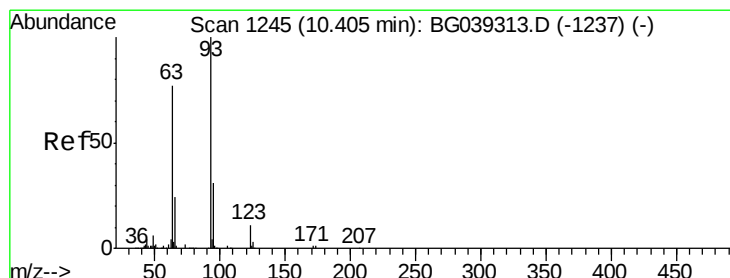
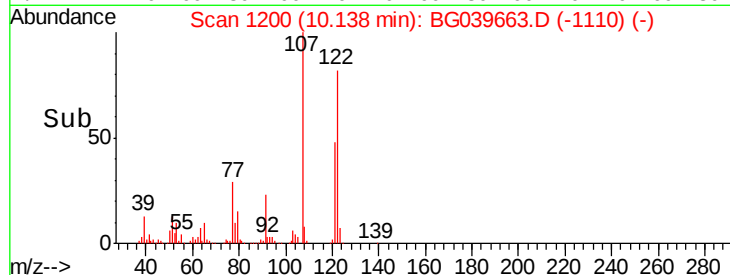
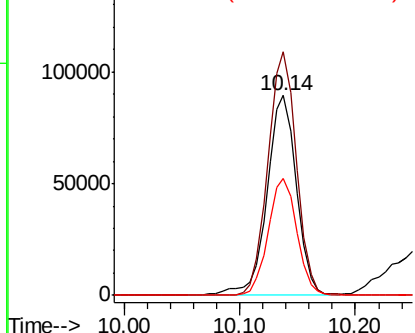


Abundance

Ion 122.00 (121.70 to 122.70): E

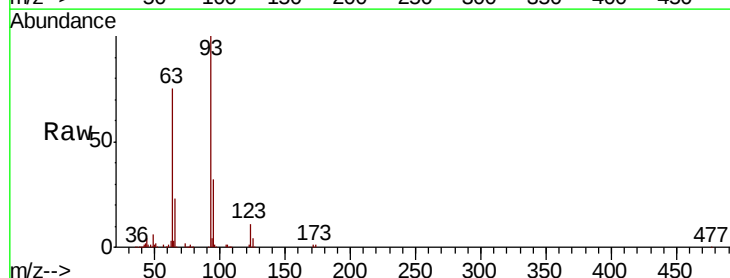
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.923 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191161		
95	31.8	25.0	37.4	
123	11.1	8.6	12.8	

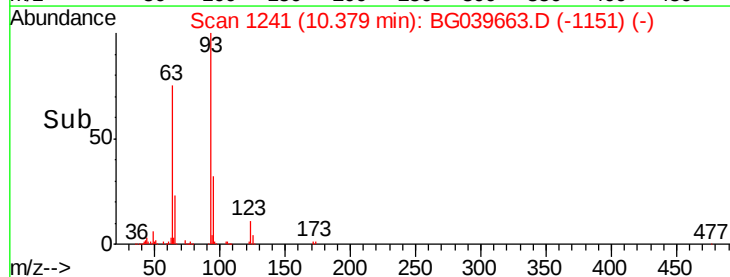
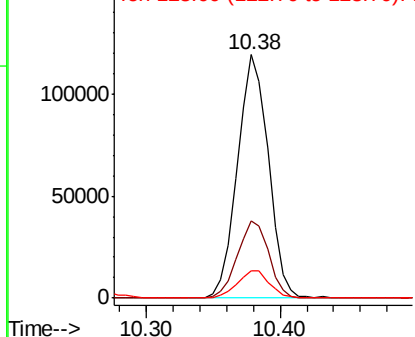


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





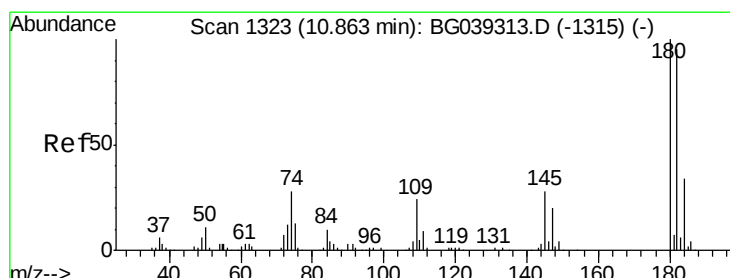
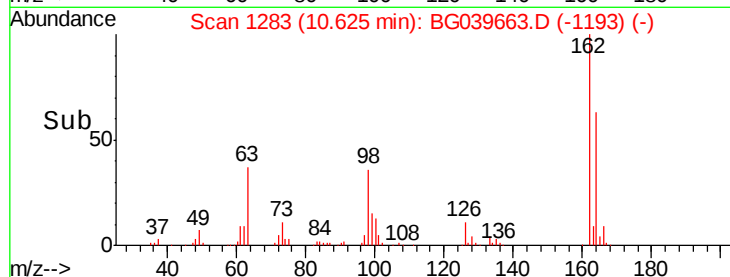
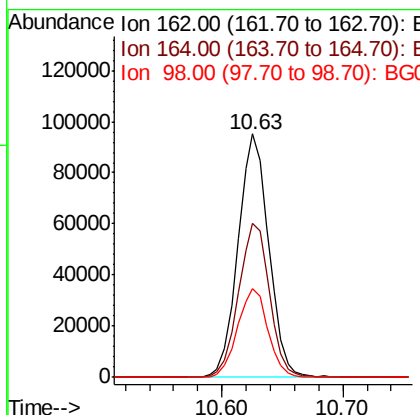
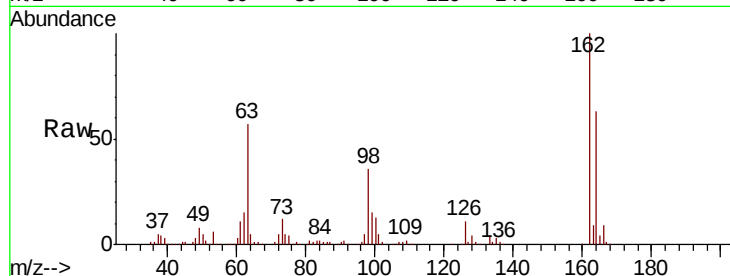
#29
2,4-Dichlorophenol
Concen: 54.020 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
162	100	168755		
164	63.2	48.1	88.1	
98	36.3	18.1	58.1	

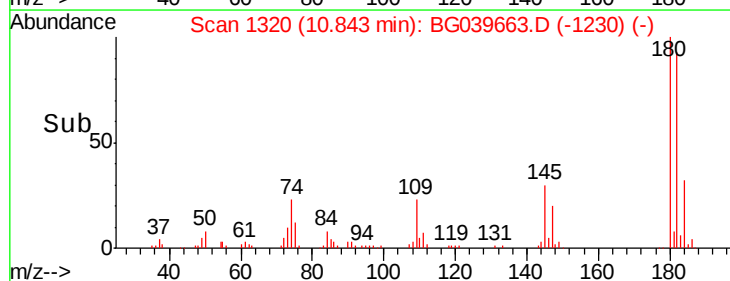
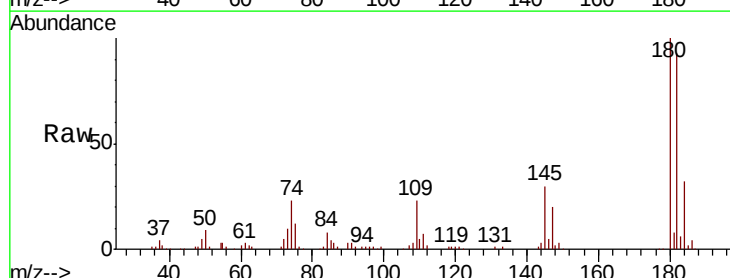
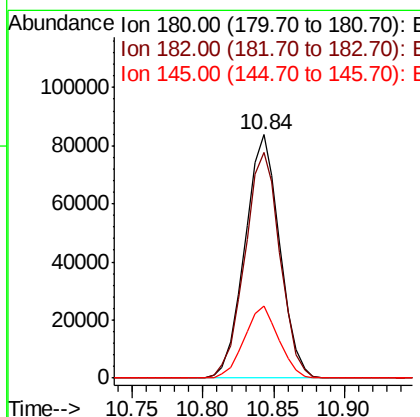
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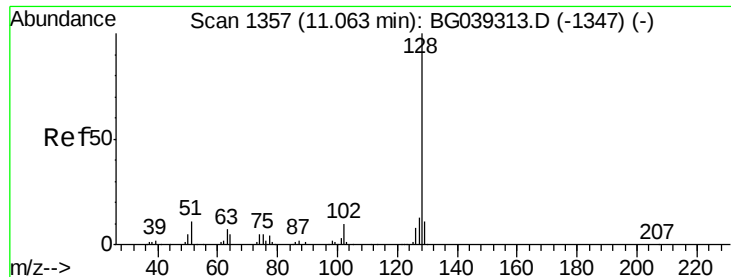
Sohil
3/1/2019 4:23:26 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.252 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144681		
182	92.7	76.0	114.0	
145	29.8	22.7	34.1	





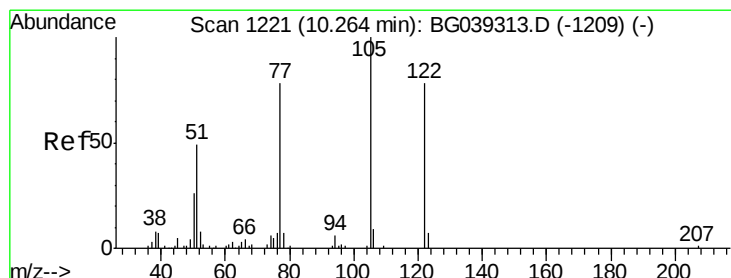
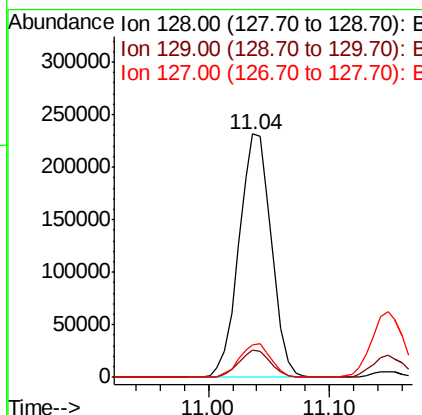
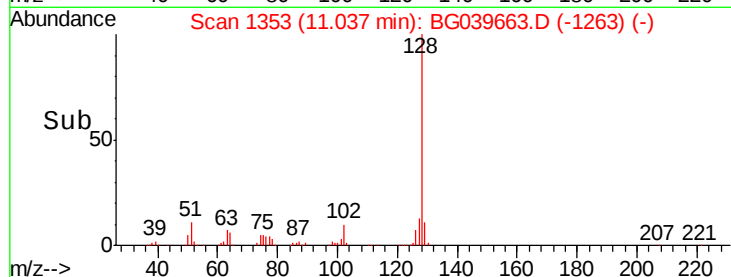
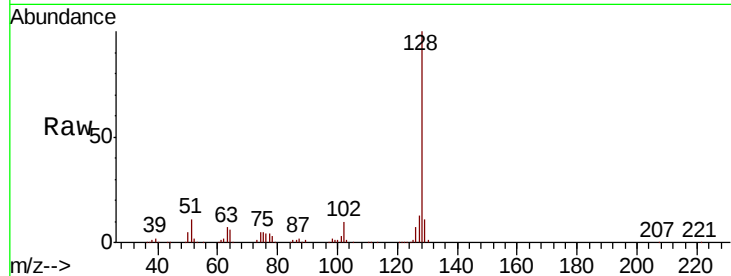
#31
Naphthalene
Concen: 43.630 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.8	16.2

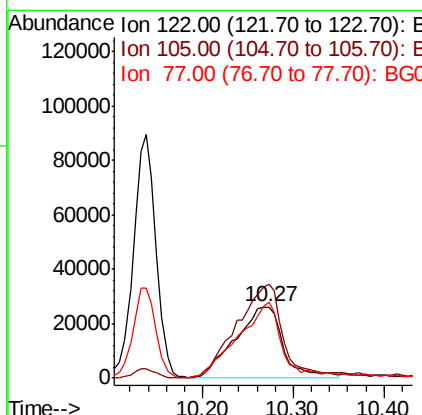
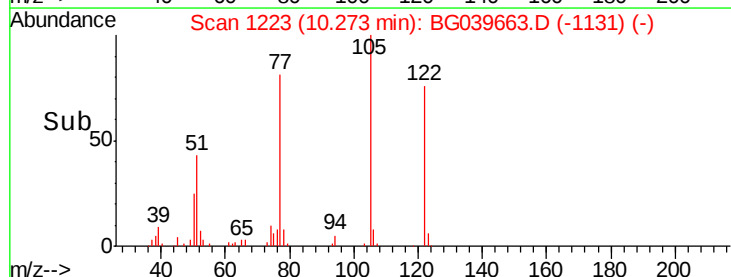
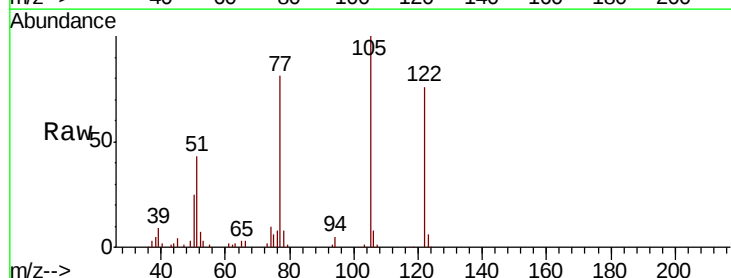
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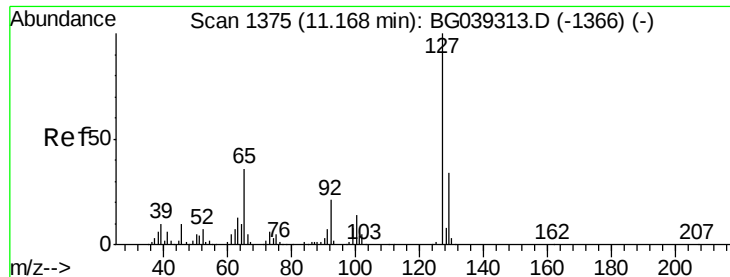
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#32
Benzoic acid
Concen: 49.441 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	101.8	141.8
77	106.1	76.3	116.3





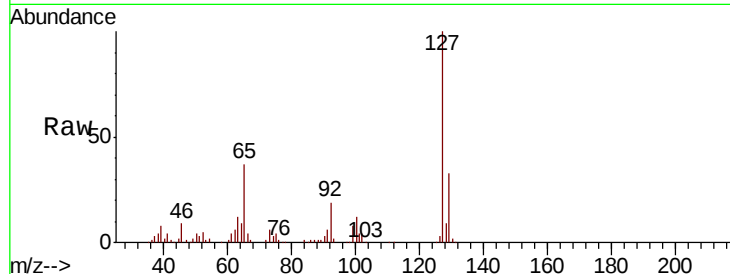
#33
4-Chloroaniline
Concen: 25.671 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	27.0	40.4	
65	36.8	28.8	43.2	
92	19.4	16.6	25.0	

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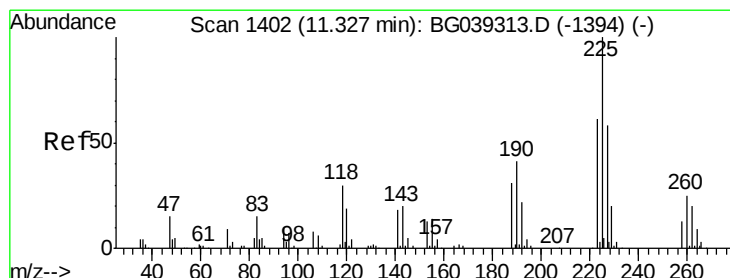
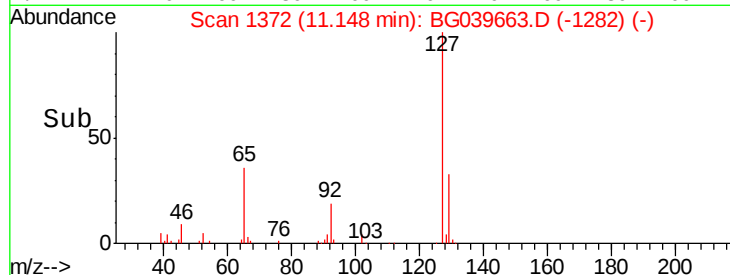
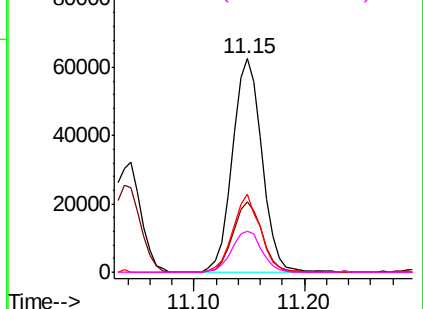
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

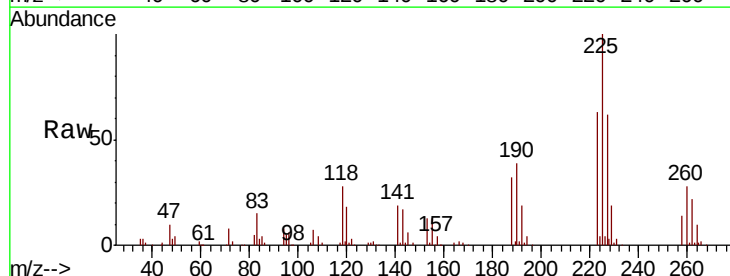
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.689 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.0	73.6	
227	61.9	46.3	69.5	

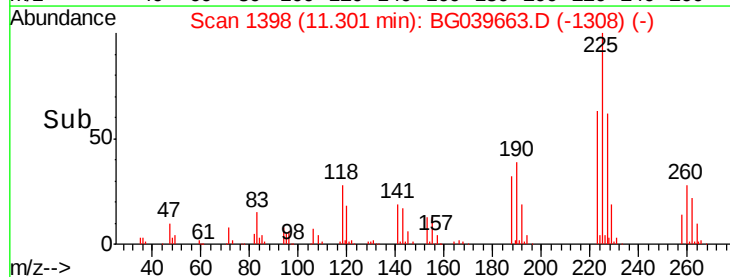
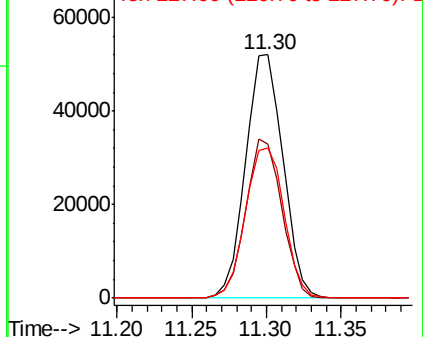


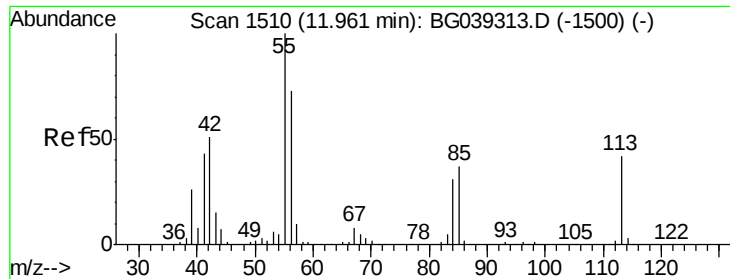
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 52.928 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

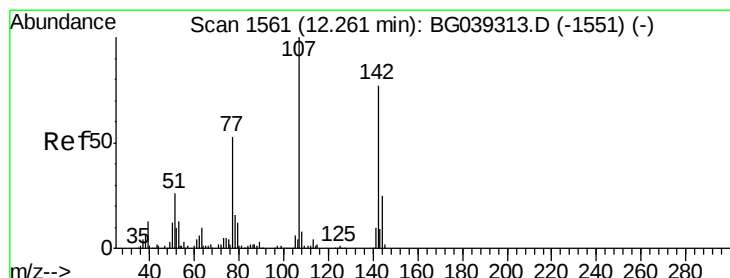
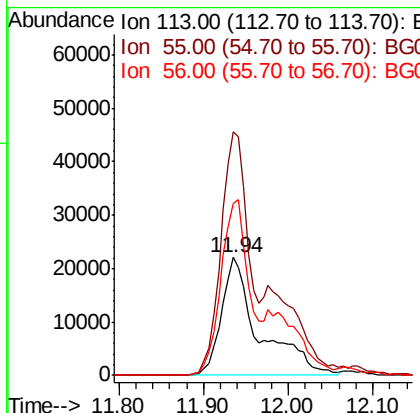
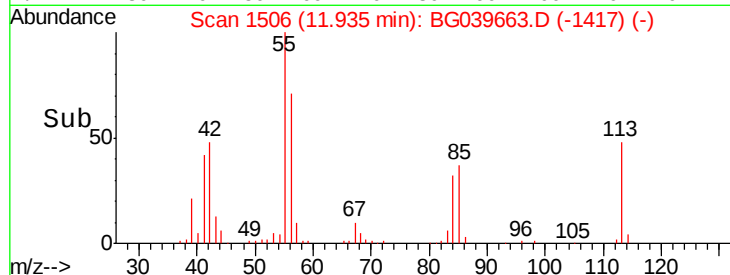
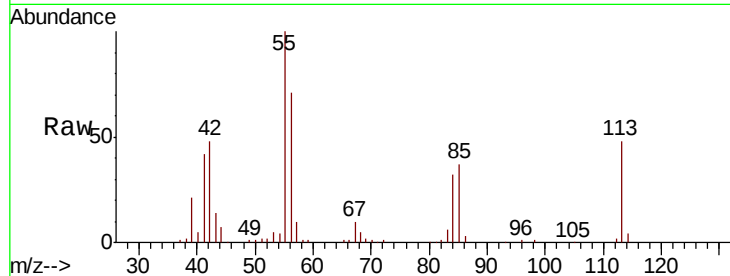
ClientSampled :

TEST 1

Tot Ion:113 Resp: 68420
 Ion Ratio Lower Upper
 113 100
 55 207.0 216.9 256.9#
 56 146.7 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 55.219 ng

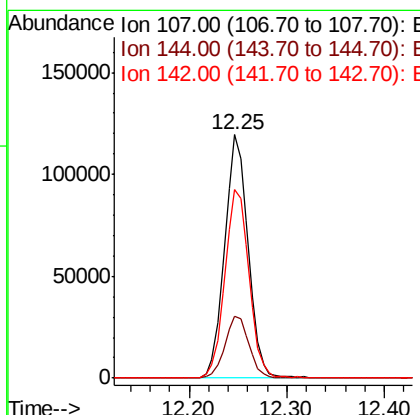
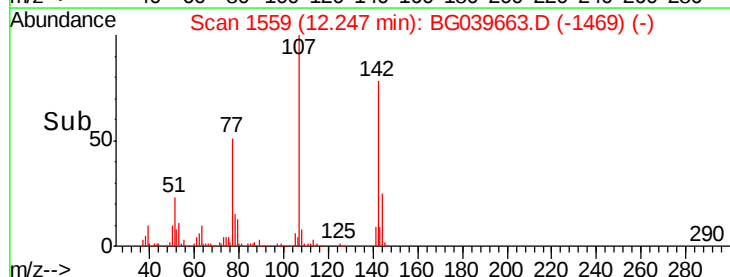
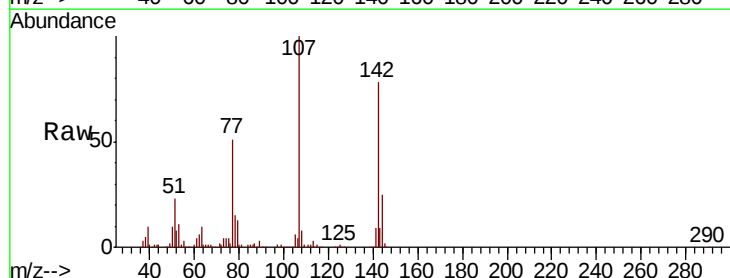
RT: 12.25 min Scan# 1559

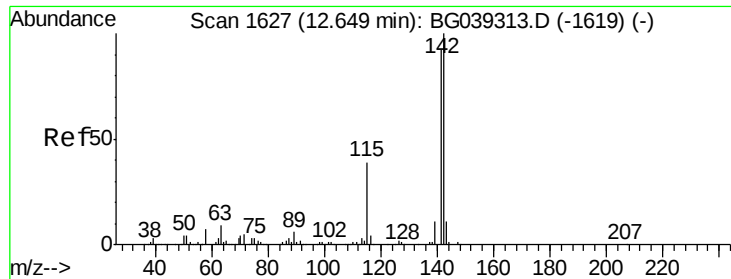
Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:107 Resp: 199497
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 77.7 61.4 92.2





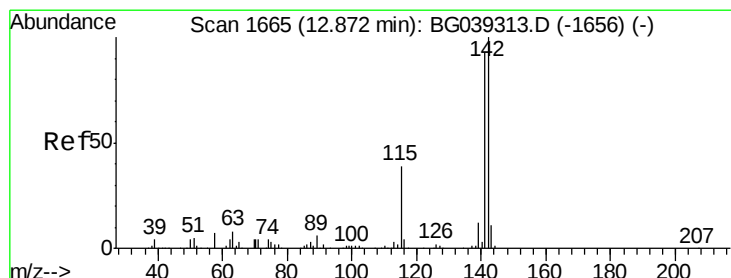
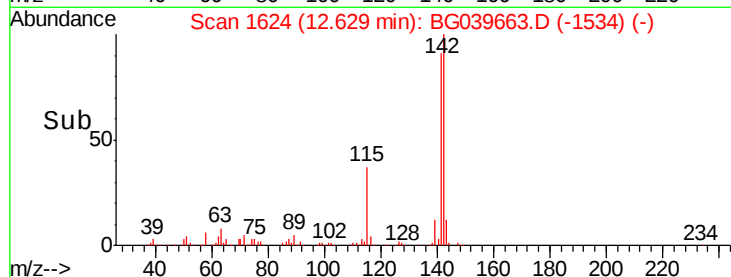
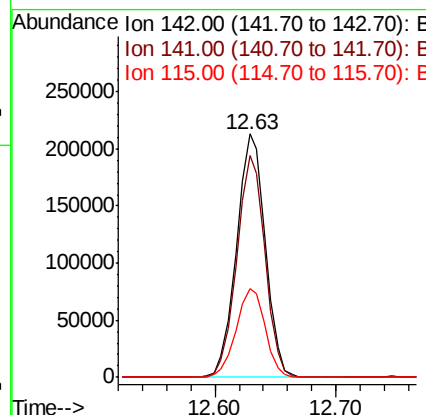
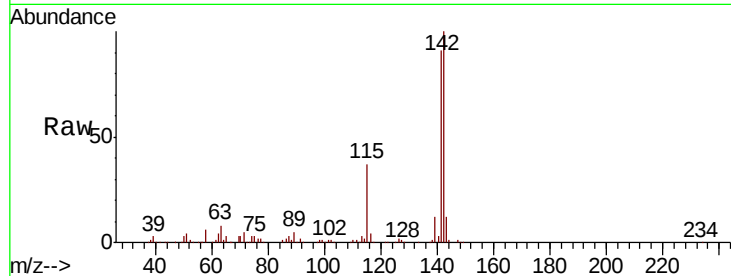
#37
2-Methylnaphthalene
Concen: 48.085 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3
115	36.7	30.8	46.2

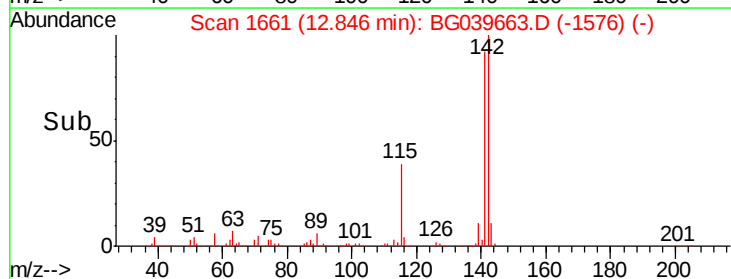
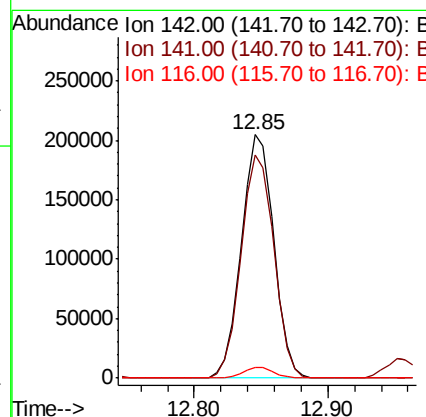
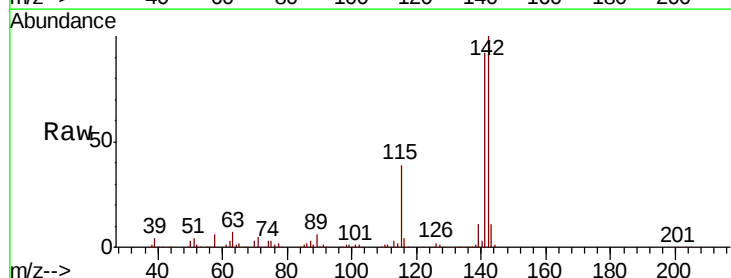
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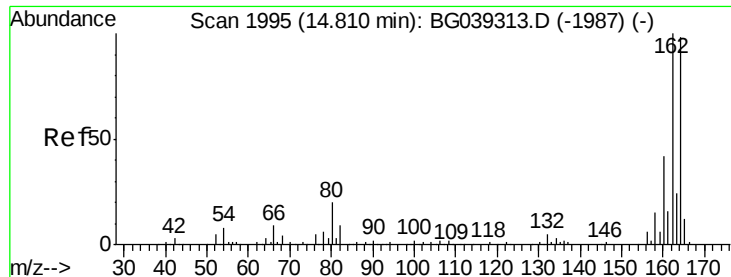
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#38
1-Methylnaphthalene
Concen: 48.379 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

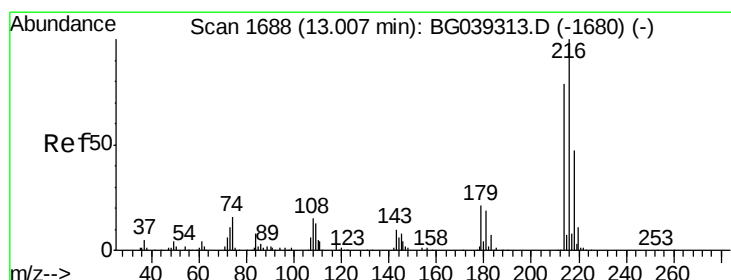
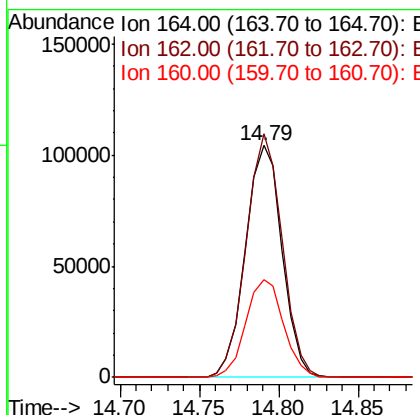
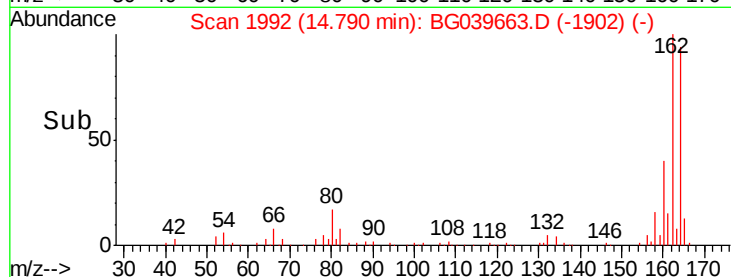
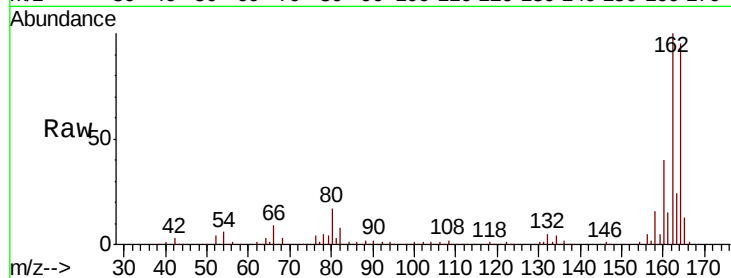
ClientSampled :

TEST 1

Tot Ion:	164	Resp:	167539
Ion Ratio	Lower	Upper	
164	100		
162	105.1	81.6	122.4
160	42.3	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.838 ng

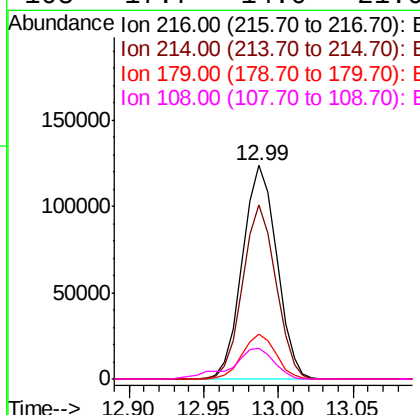
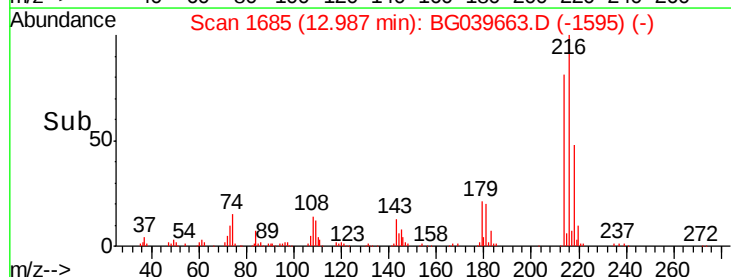
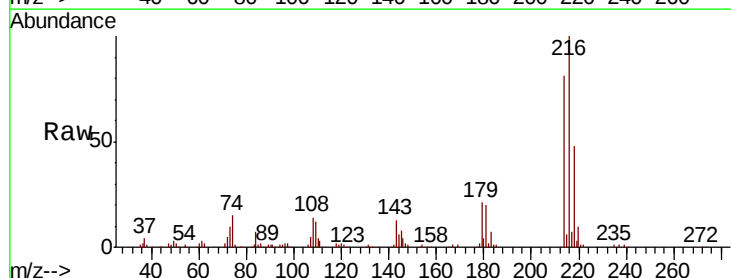
RT: 12.99 min Scan# 1685

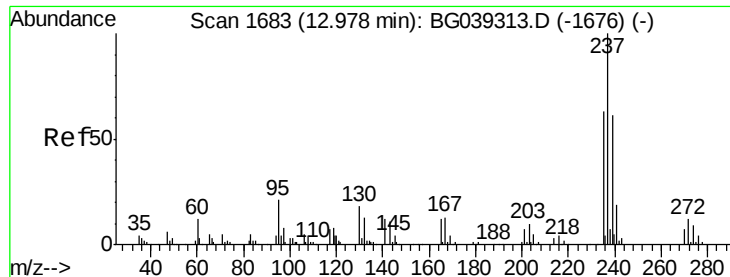
Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	216	Resp:	196369
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.6	94.0
179	20.3	16.6	25.0
108	17.7	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 79.415 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

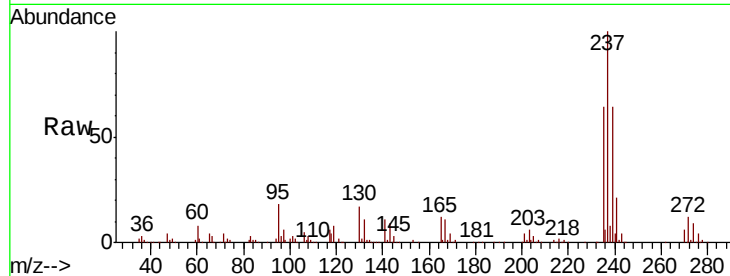
ClientSampled :

TEST 1

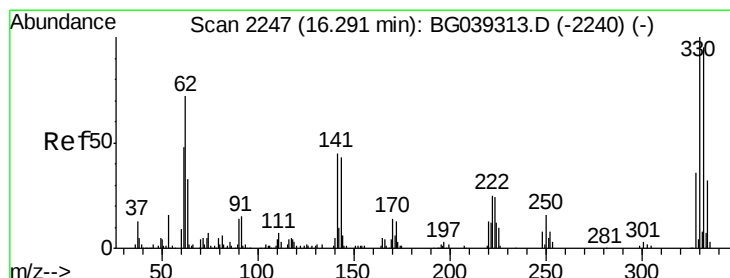
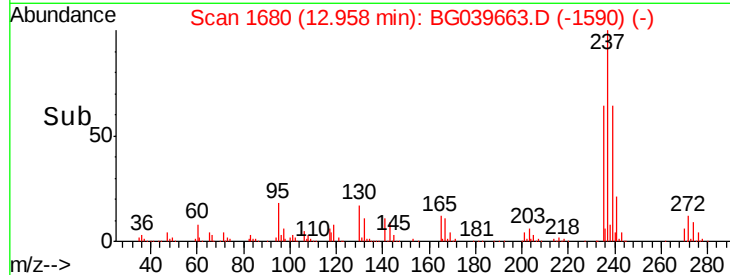
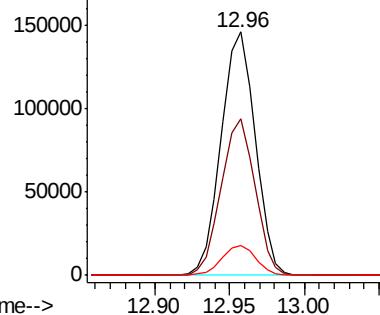
Tot Ion:	237	Resp:	230678
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.3	83.3
272	12.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 301.226 ng

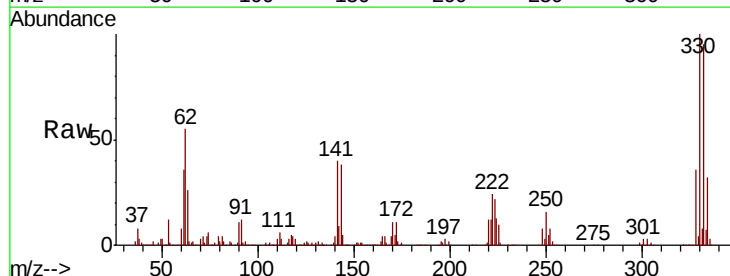
RT: 16.28 min Scan# 2246

Delta R.T. 0.01 min

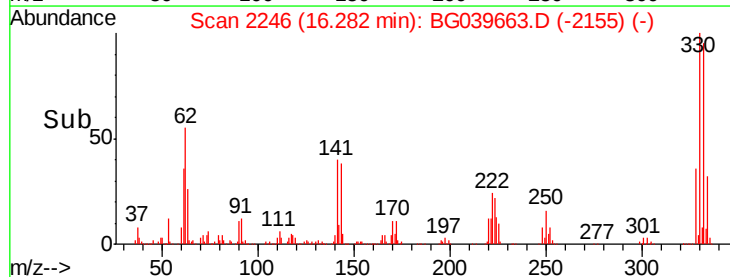
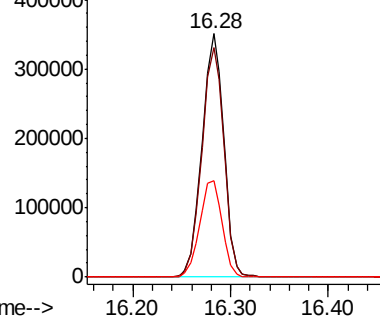
Lab File: BG039663.D

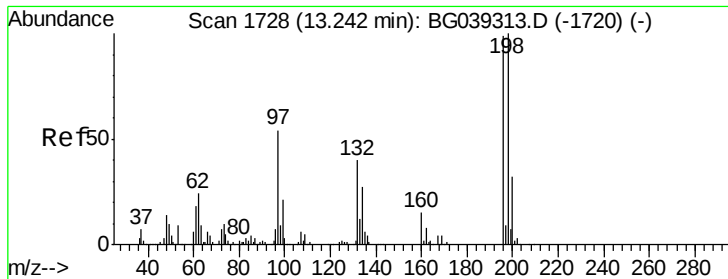
Acq: 28 Feb 2019 17:01

Tgt Ion:	330	Resp:	543445
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	40.8	35.6	53.4



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





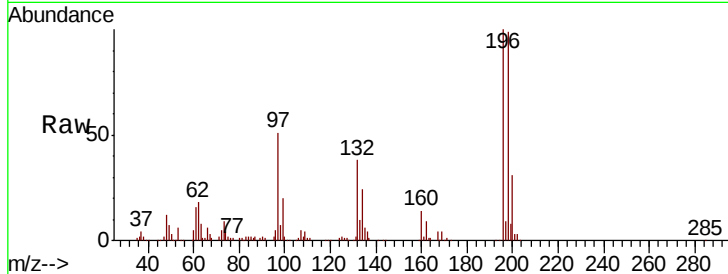
#43
 2,4,6-Trichlorophenol
 Concen: 46.573 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152646		
198	98.5	80.6	121.0	
200	31.1	26.1	39.1	

Manual Integrations
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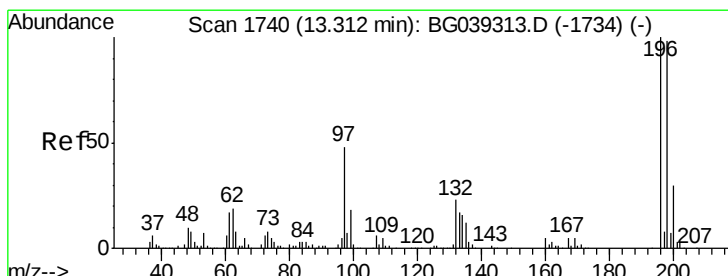
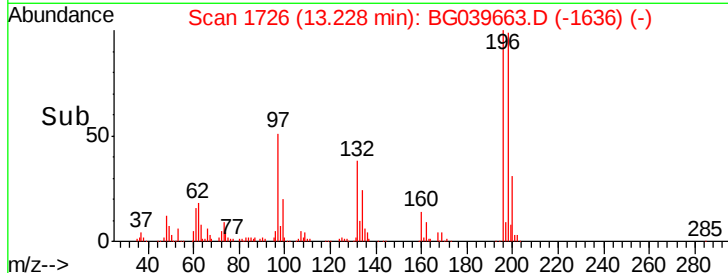
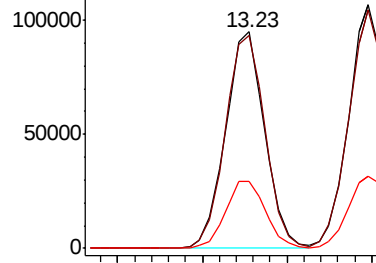


Abundance

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: 49.771 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170970		
198	98.0	78.5	117.7	
97	46.4	38.4	57.6	
132	25.6	19.2	28.8	

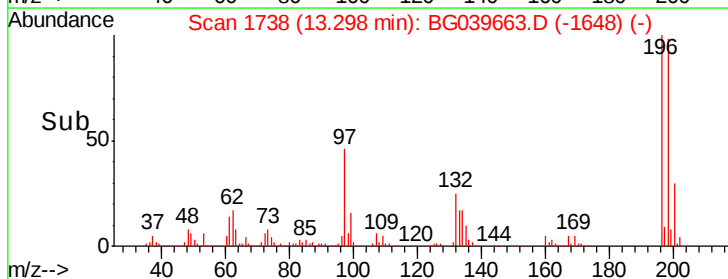
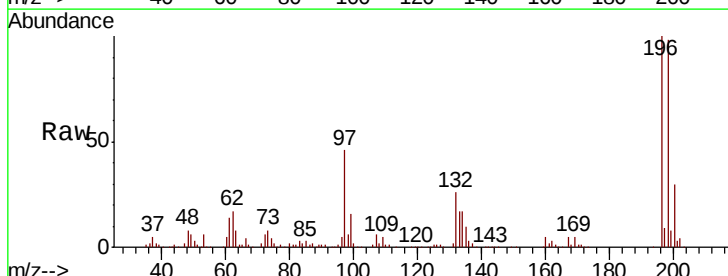
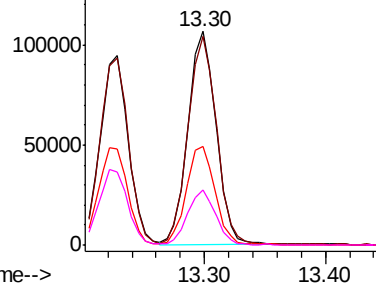
Abundance

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





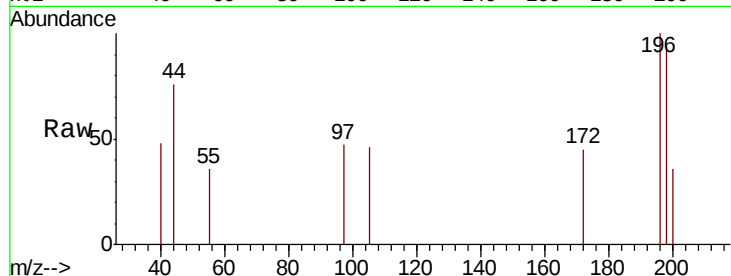
#45
2-Fluorobiphenyl
Concen: 0.011 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
172	100		
171	0.0	30.8	46.2#
170	0.0	20.2	30.4#

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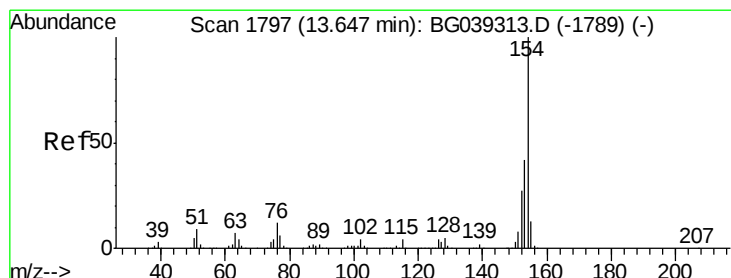
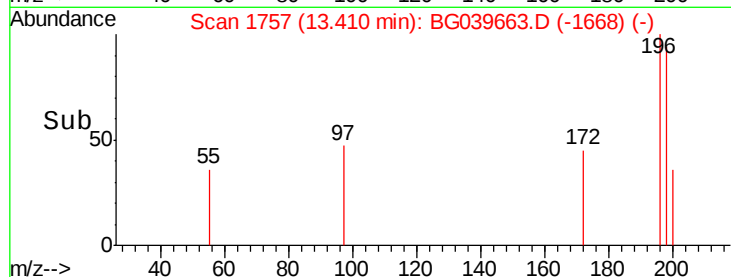
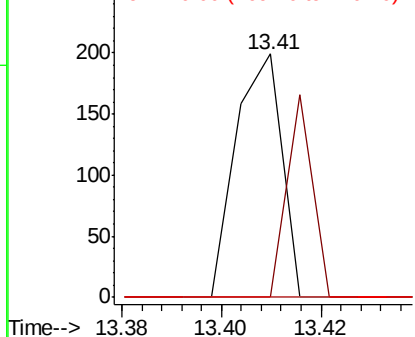


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.111 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

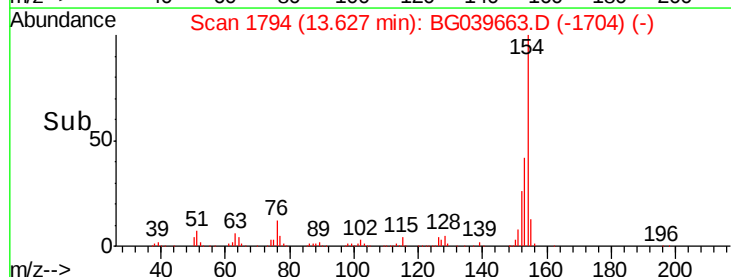
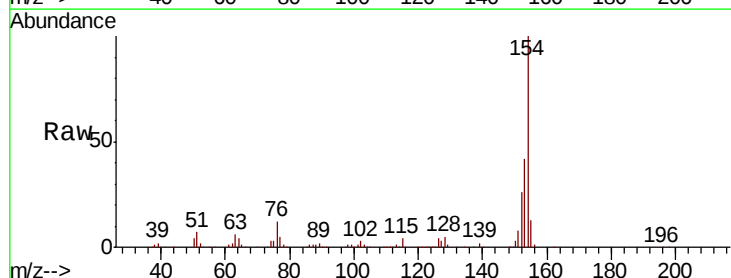
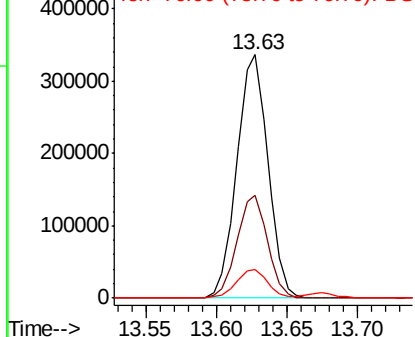
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	11.5	0.0	32.4

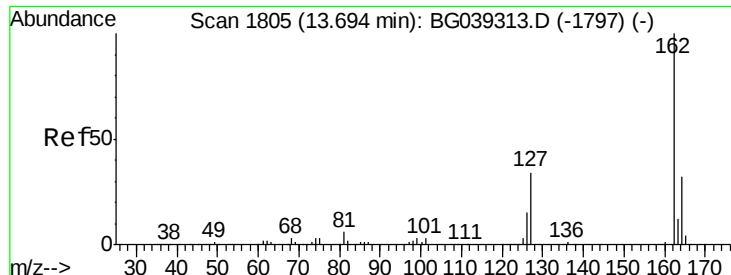
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





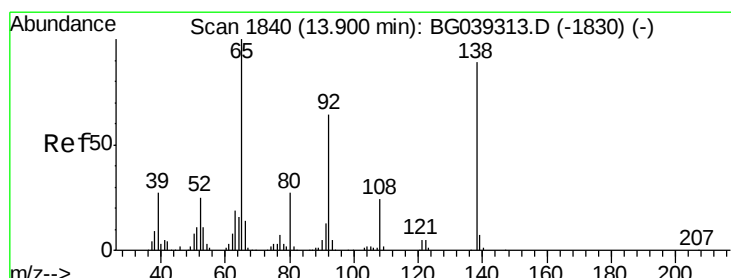
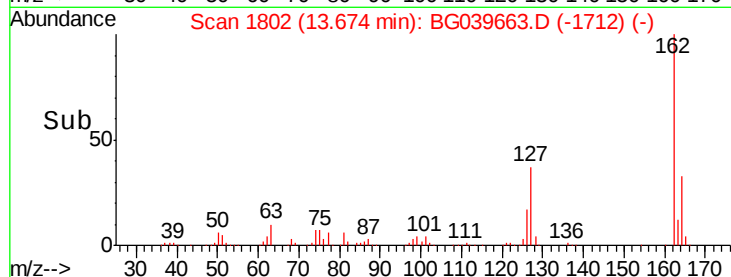
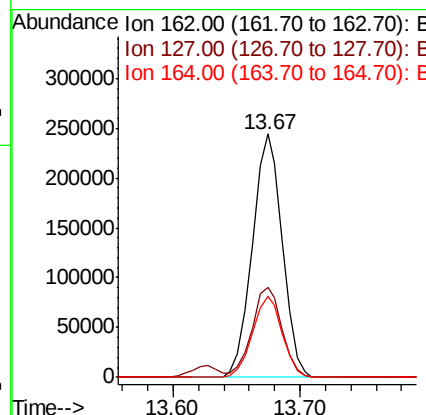
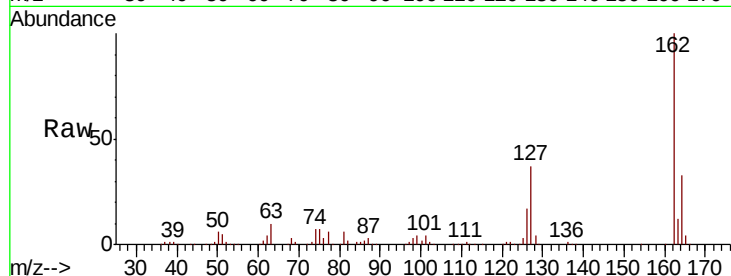
#47
2-Chloronaphthalene
Concen: 38.131 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	31.0	46.6
164	33.2	25.7	38.5

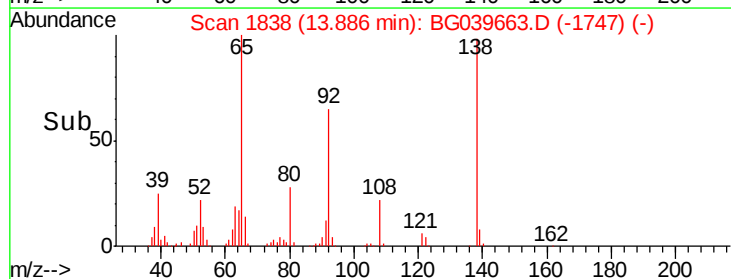
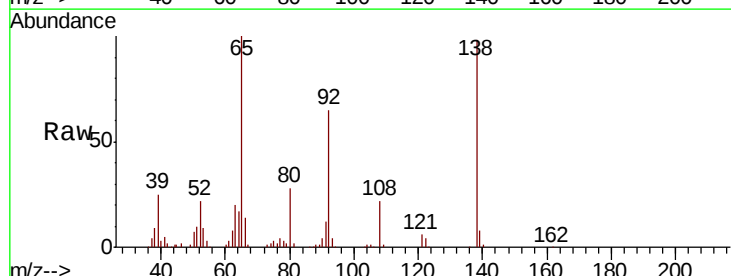
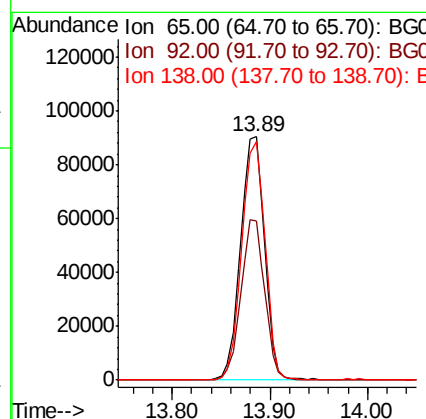
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#48
2-Nitroaniline
Concen: 50.716 ng
RT: 13.89 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	51.4	77.2
138	98.0	71.4	107.2





#49

Acenaphthylene

Concen: 42.329 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

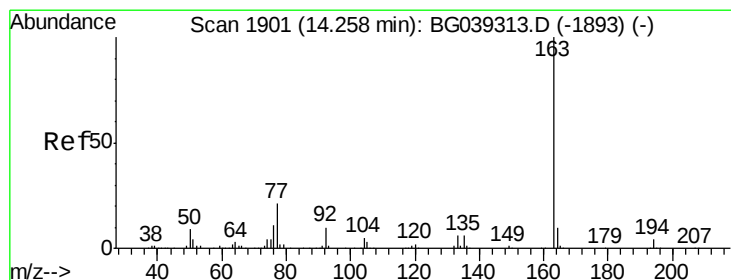
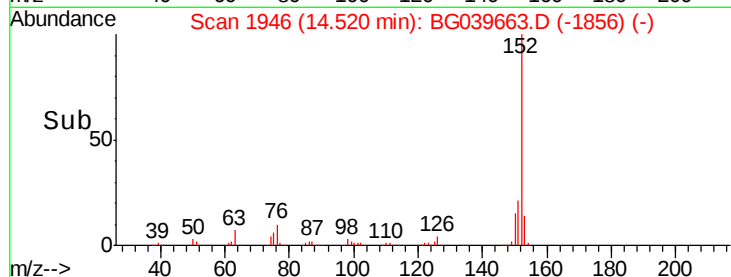
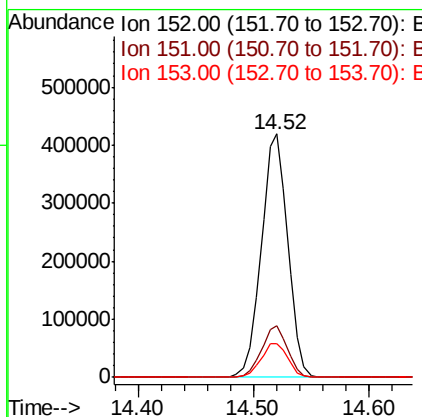
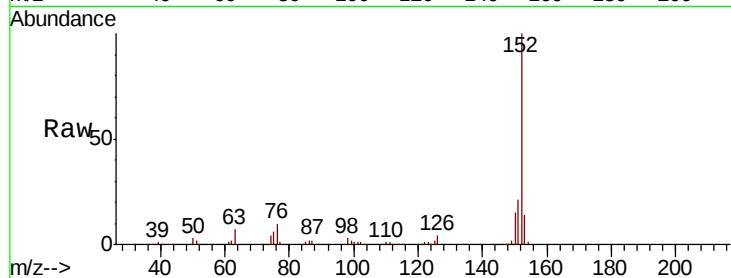
ClientSampled :

TEST 1

Tot Ion:	152	Resp:	669791
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	13.8	11.7	17.5

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#50

Dimethylphthalate

Concen: 43.673 ng

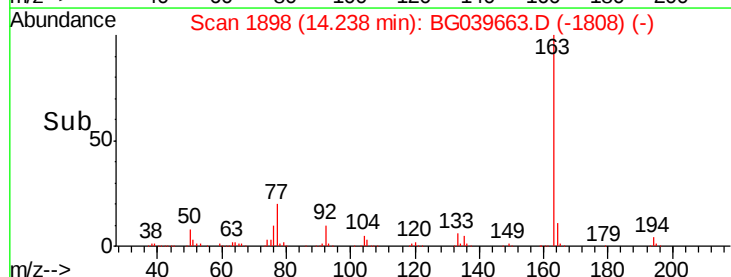
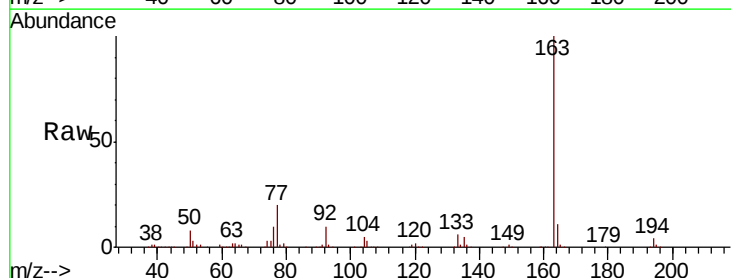
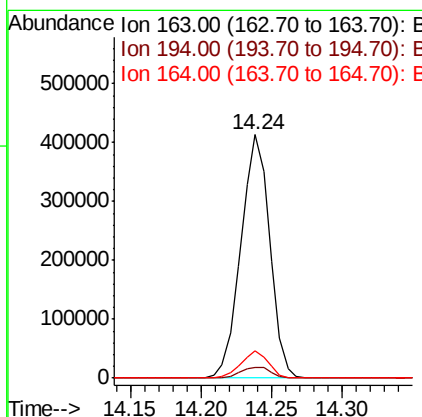
RT: 14.24 min Scan# 1898

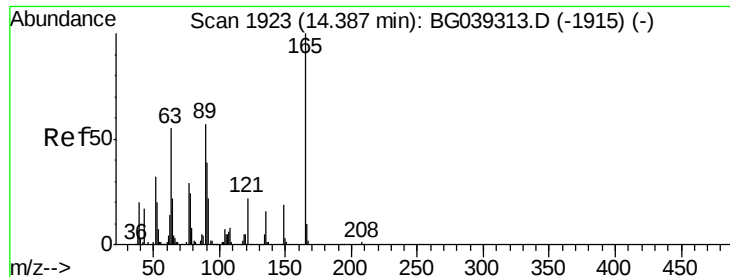
Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	163	Resp:	590950
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	11.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 53.086 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

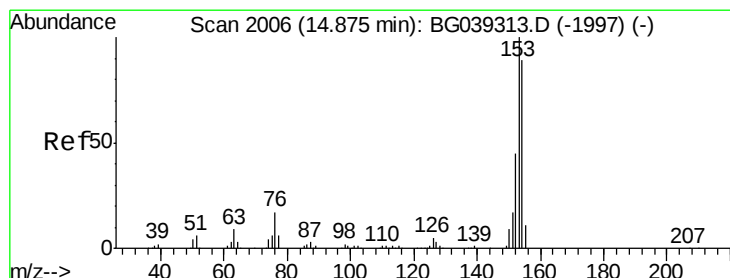
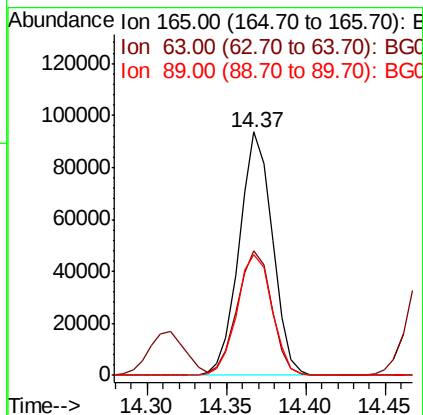
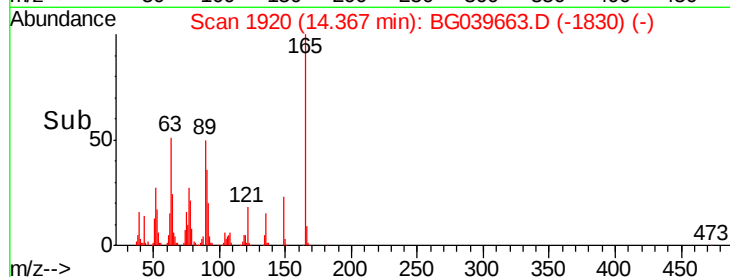
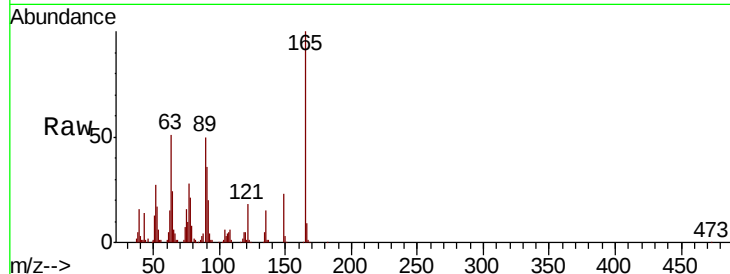
ClientSampleId :

TEST 1

Tot Ion:	165	Resp:	136285
Ion Ratio	Lower	Upper	
165	100		
63	51.3	47.0	70.6
89	49.8	45.8	68.8

Manual Integrations
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#52

Acenaphthene

Concen: 39.779 ng

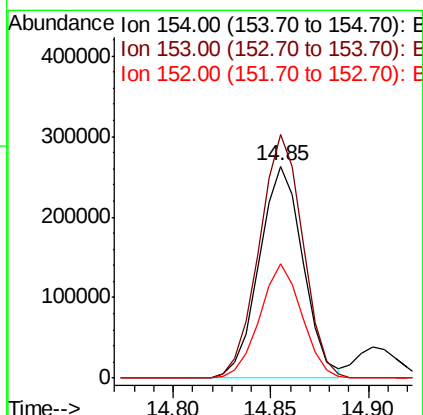
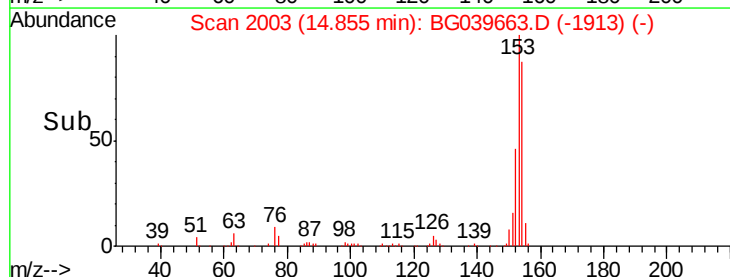
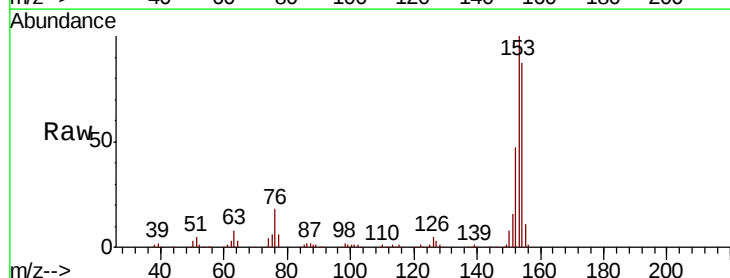
RT: 14.85 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	154	Resp:	408573
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.1	135.1
152	53.9	40.9	61.3





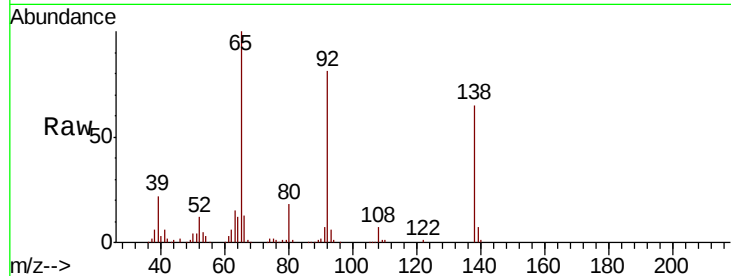
#53
3-Nitroaniline
Concen: 34.681 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

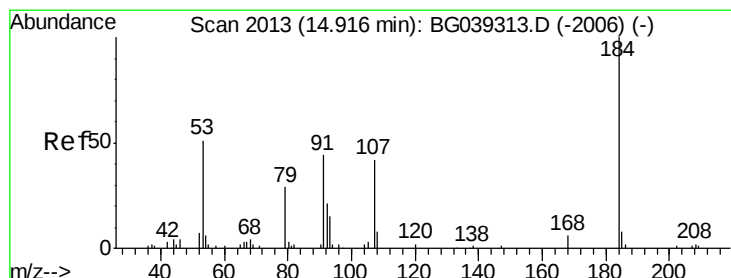
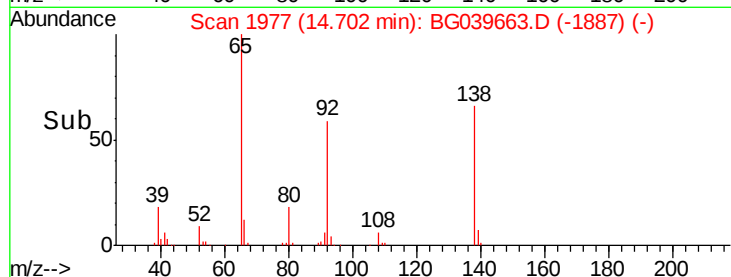
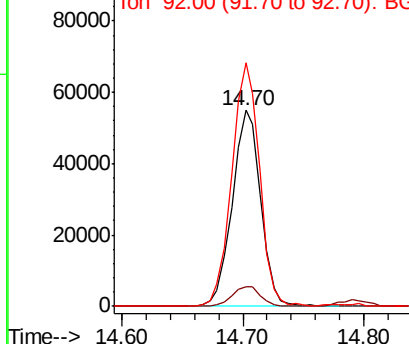
Tot Ion:138 Resp: 89647
Ion Ratio Lower Upper
138 100
108 10.0 13.8 20.8#
92 124.1 103.7 155.5

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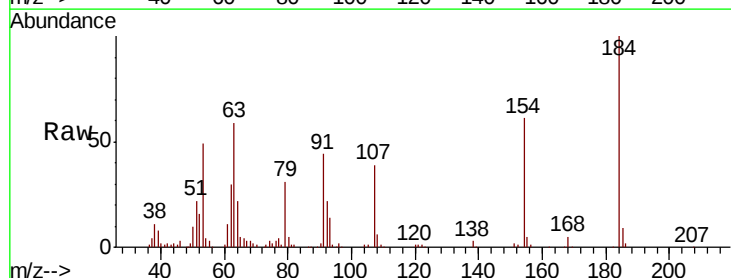


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

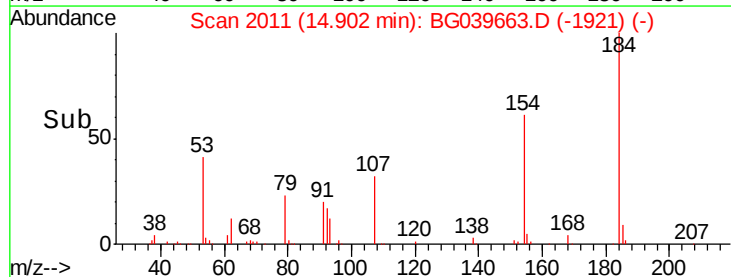
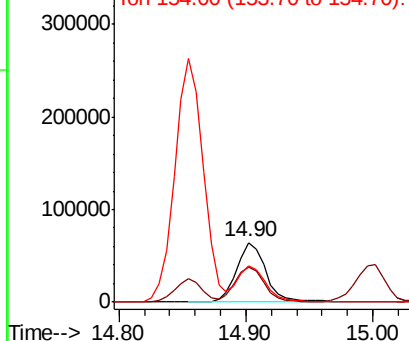


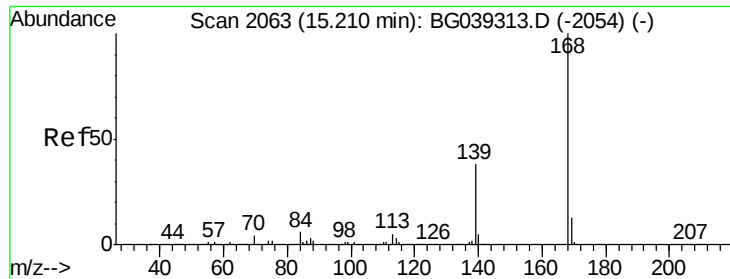
#54
2,4-Dinitrophenol
Concen: 87.392 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:184 Resp: 102188
Ion Ratio Lower Upper
184 100
63 58.6 50.9 76.3
154 61.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





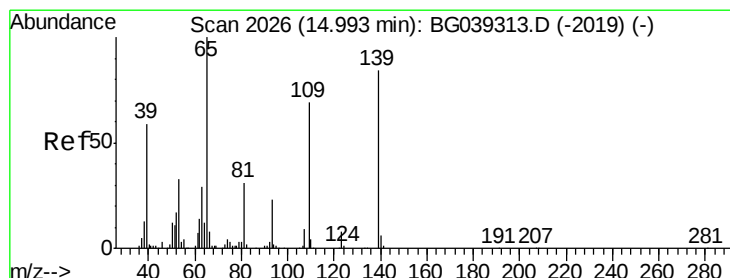
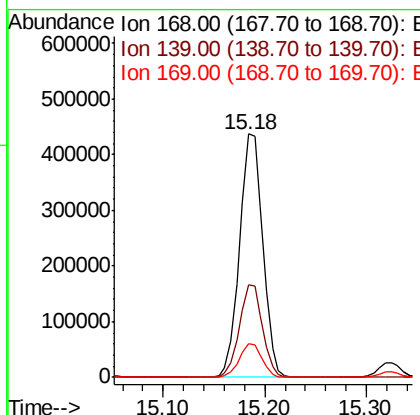
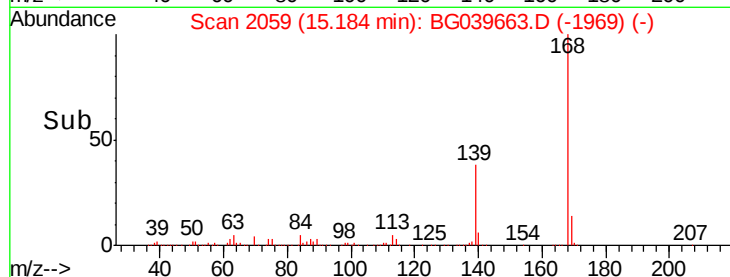
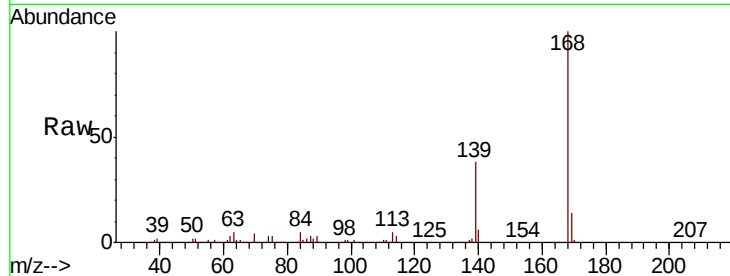
#55
Dibenzofuran
Concen: 42.146 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.0	10.6	16.0

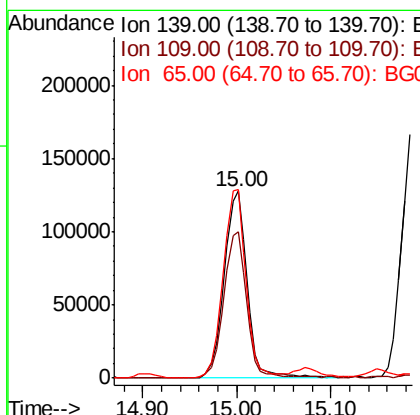
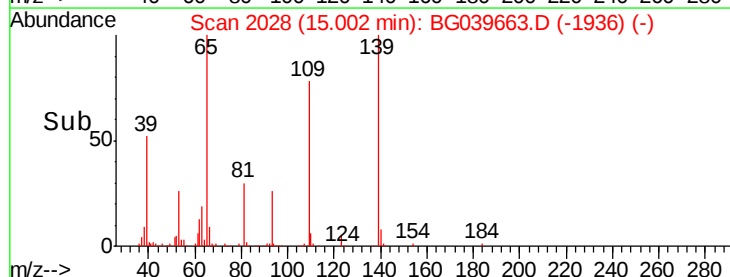
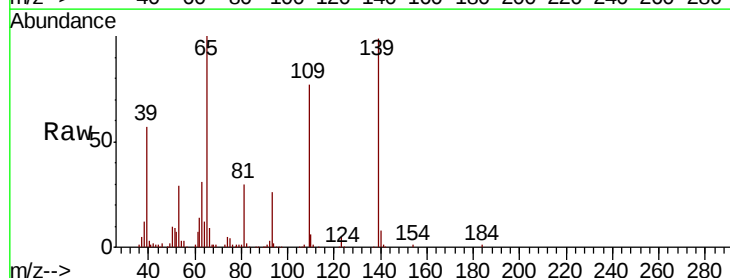
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#56
4-Nitrophenol
Concen: 88.239 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	61.9	101.9
65	101.3	99.1	139.1





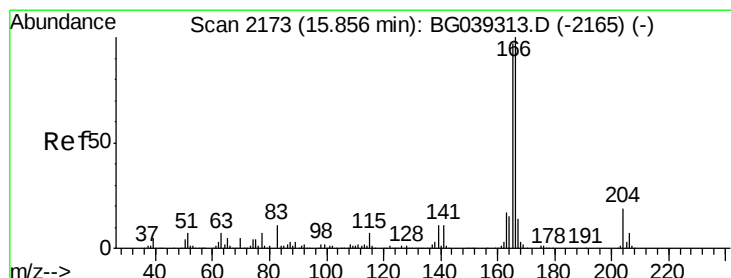
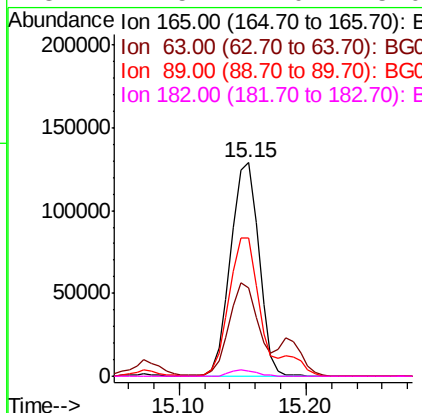
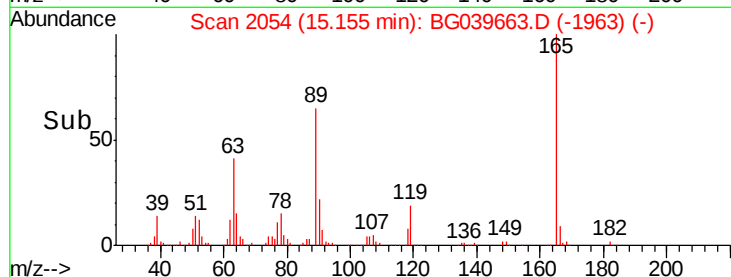
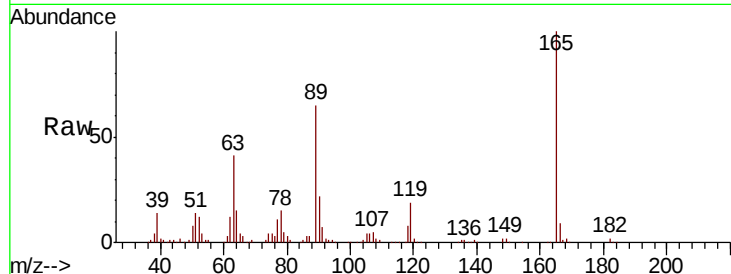
#57
2,4-Dinitrotoluene
Concen: 59.474 ng
RT: 15.15 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199900		
63	41.4	41.0	61.6	
89	64.5	64.6	96.8	
182	2.5	2.0	3.0	

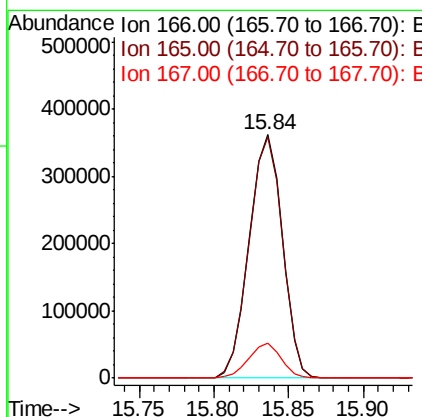
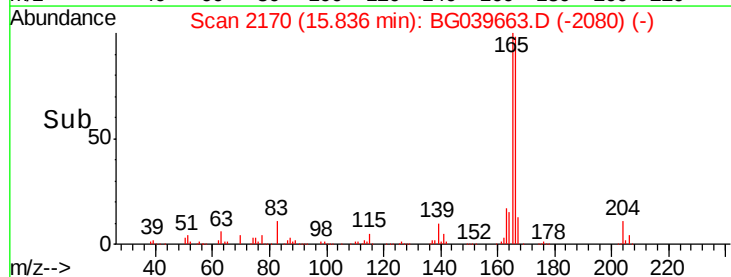
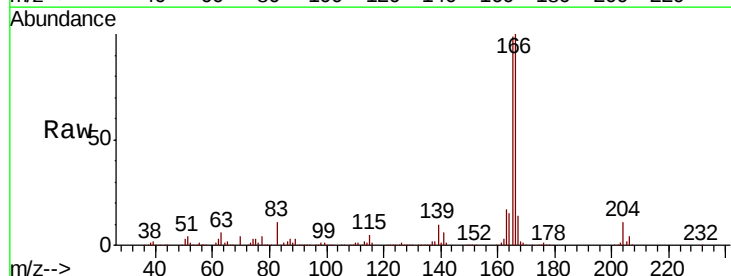
Manual Integrations
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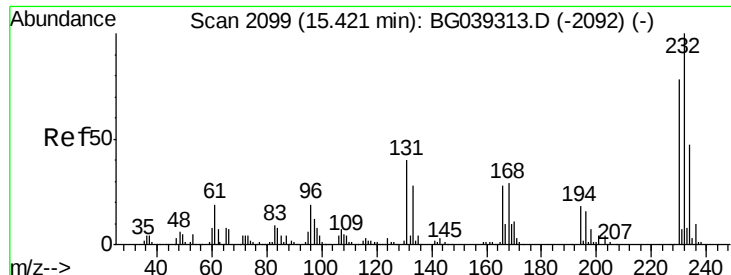
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#58
Fluorene
Concen: 45.470 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	558211		
165	99.2	77.9	116.9	
167	14.1	10.8	16.2	





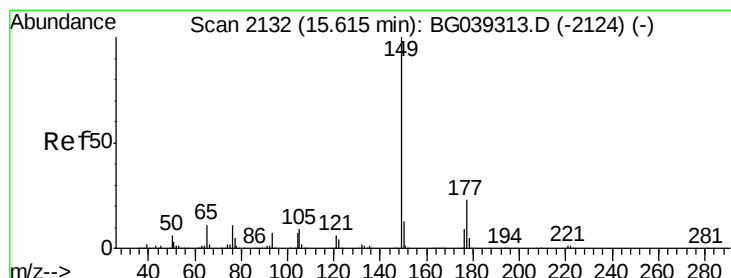
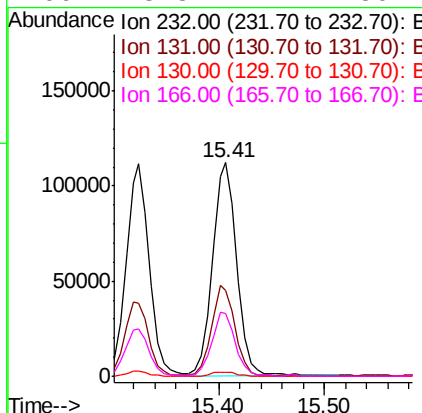
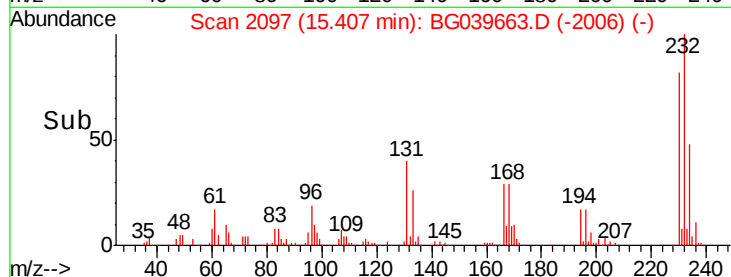
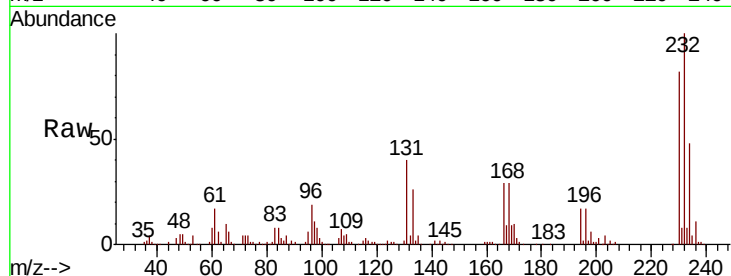
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.612 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 TEST 1

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.9	52.3
130	2.0	2.0	3.0
166	28.8	24.1	36.1

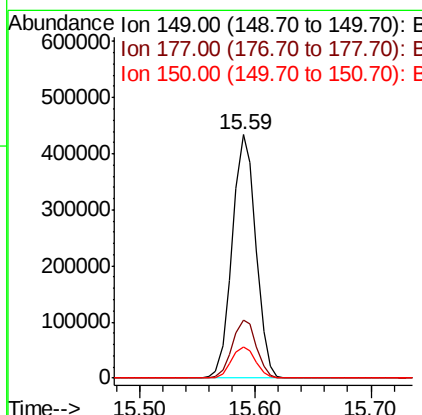
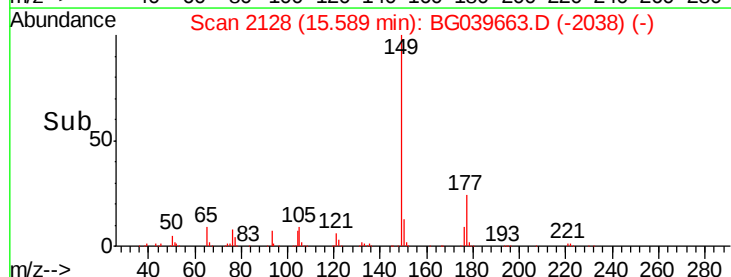
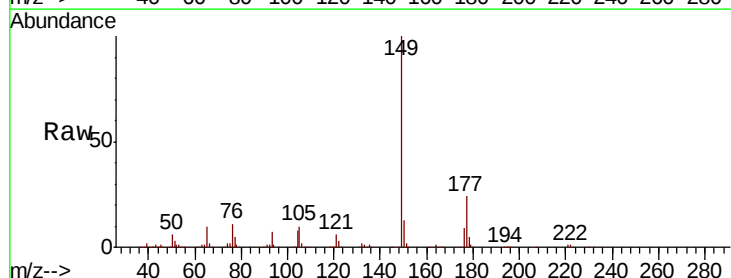
Manual Integrations
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#60
 Diethylphthalate
 Concen: 43.937 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	13.0	10.2	15.2





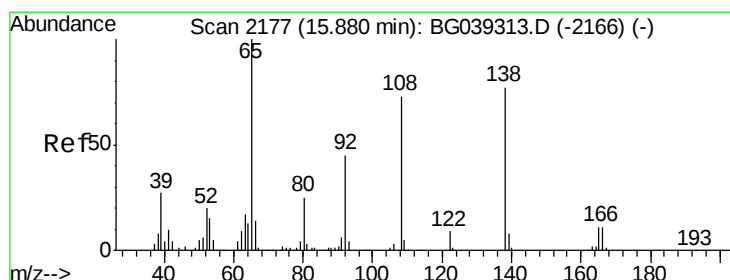
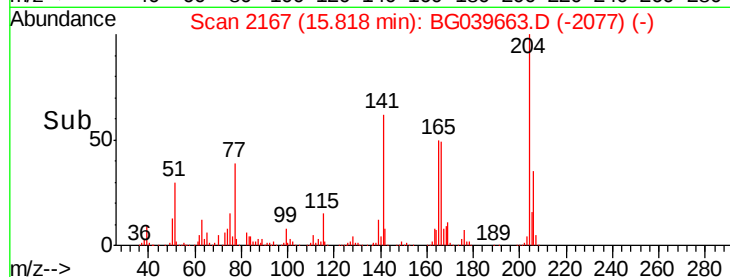
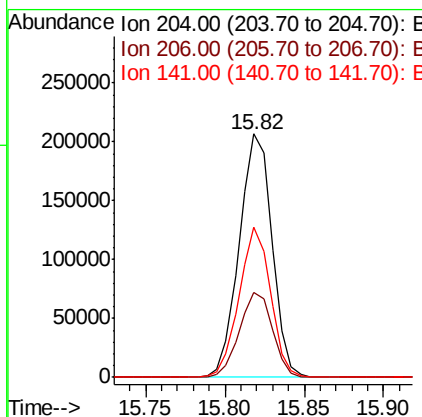
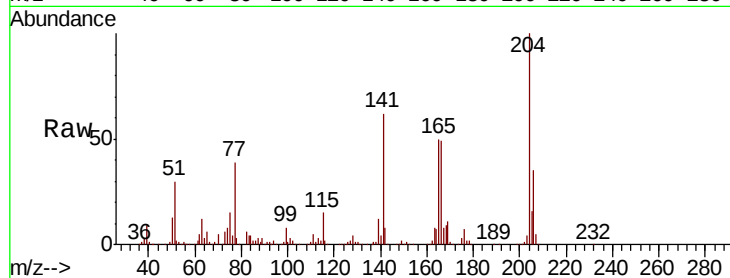
#61
4-Chlorophenyl-phenylether
Concen: 42.660 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	29.2	43.8
141	61.6	49.0	73.4

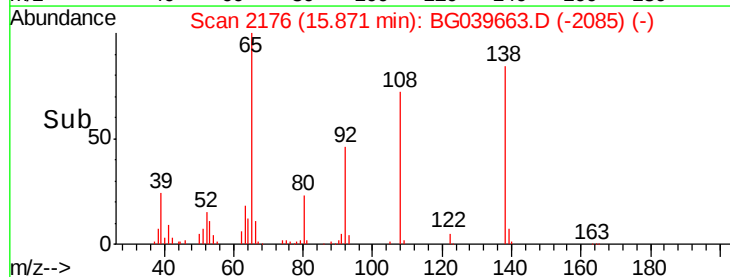
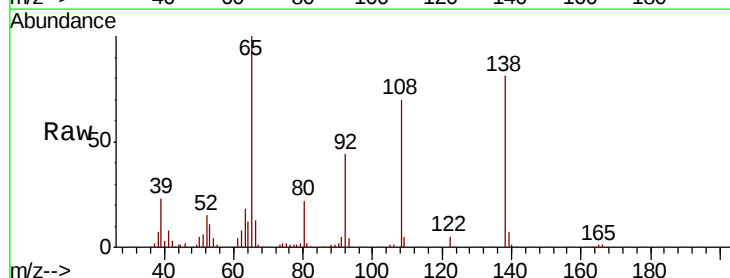
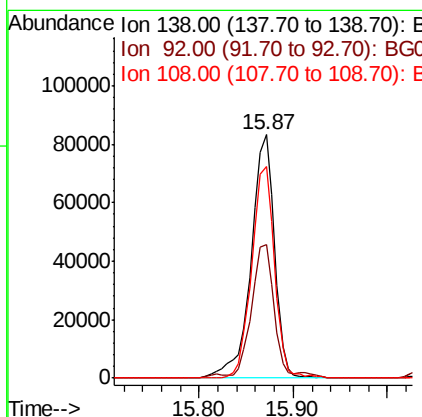
Manual Integrations
APPROVED

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#62
4-Nitroaniline
Concen: 50.648 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	38.7	78.7
108	86.8	74.6	114.6





#63

Azobenzene

Concen: 39.524 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

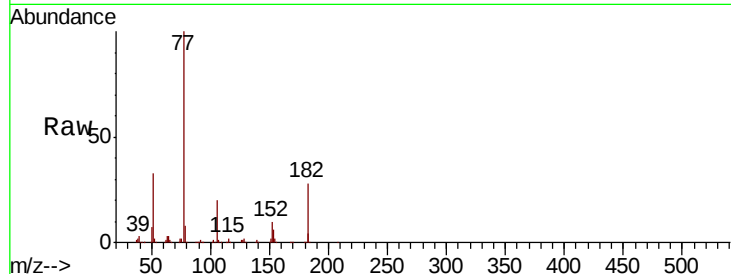
ClientSampled :

TEST 1

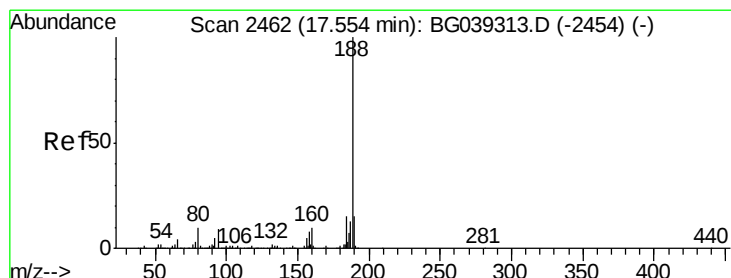
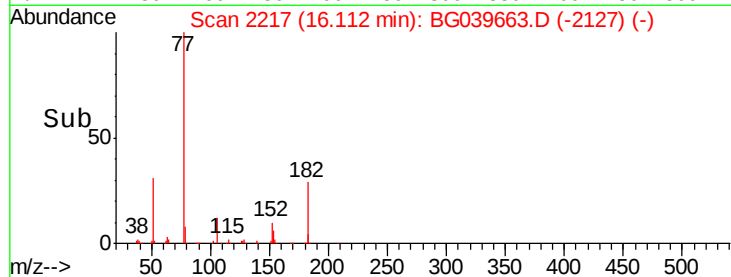
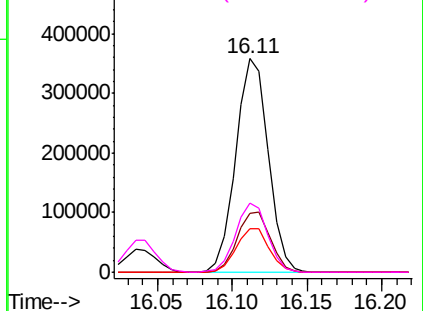
Tot Ion:	77	Resp:	540453
Ion Ratio	Lower	Upper	
77	100		
182	27.5	6.4	46.4
105	20.4	0.0	39.8
51	32.7	14.1	54.1

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

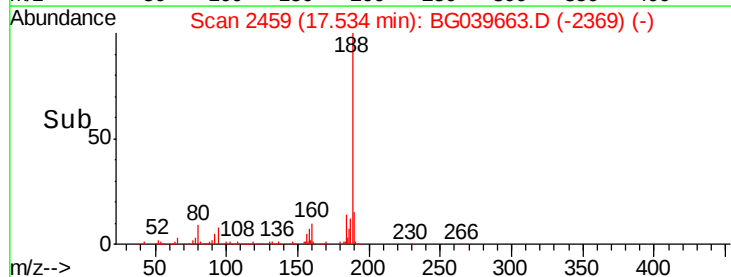
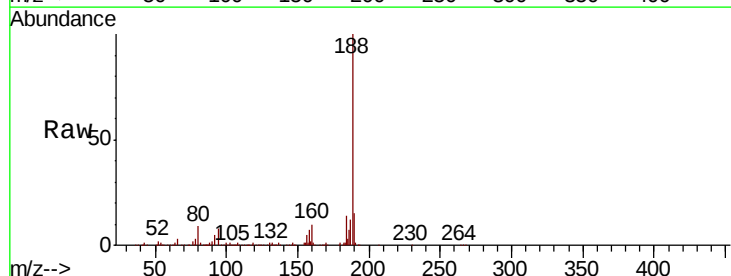
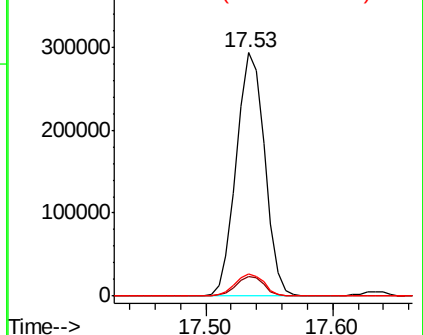
Delta R.T. -0.00 min

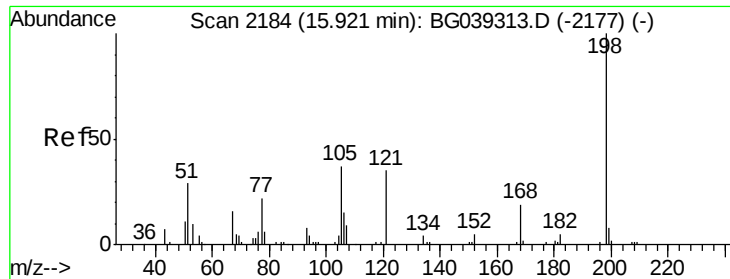
Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	188	Resp:	454485
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.9	10.3
80	9.1	8.1	12.1

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.344 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

ClientSampleId :

TEST 1

Tot Ion:198 Resp: 91929

Ion Ratio Lower Upper

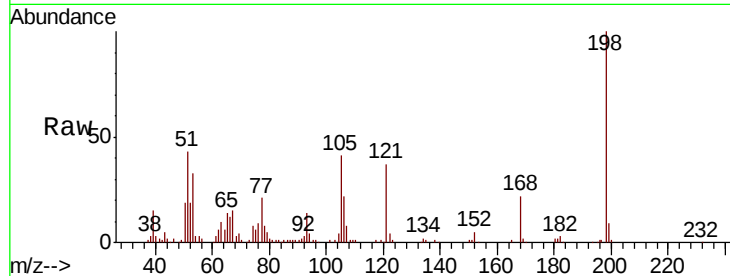
198 100

51 42.7 27.4 67.4

105 41.1 19.7 59.7

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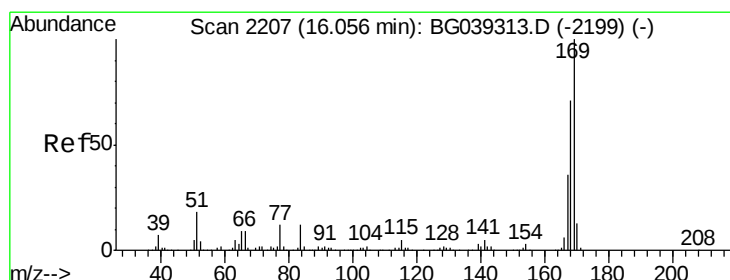
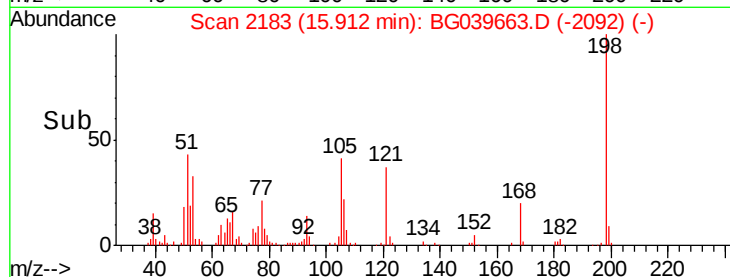
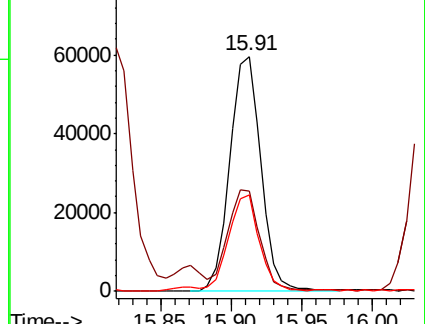
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.935 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

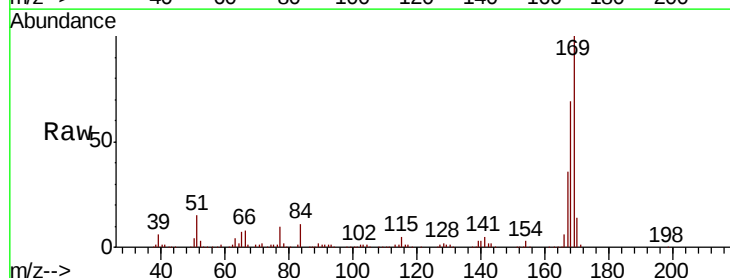
Tgt Ion:169 Resp: 538050

Ion Ratio Lower Upper

169 100

168 68.9 56.6 85.0

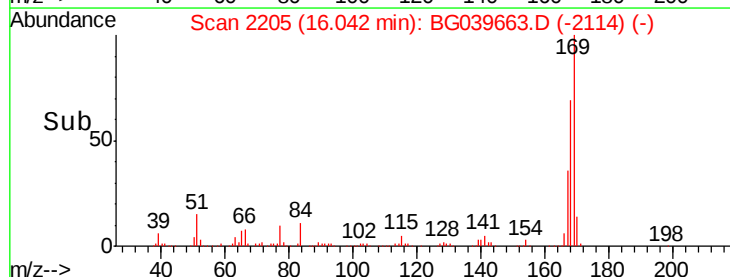
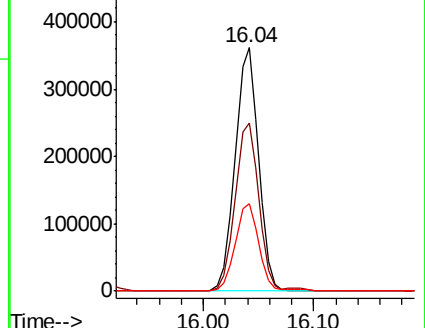
167 36.1 28.8 43.2

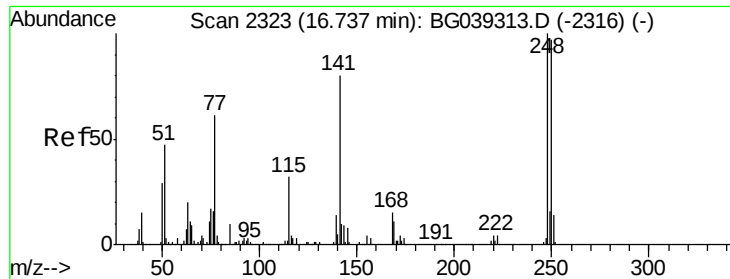


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





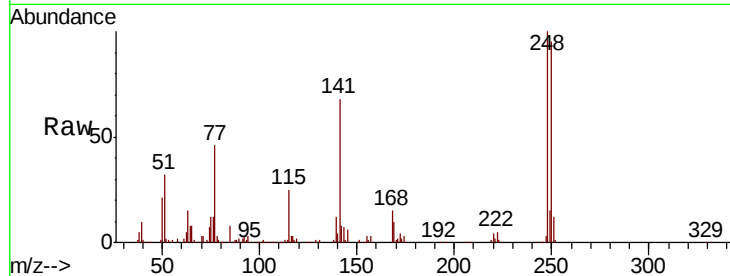
#67
4-Bromophenyl-phenylether
Concen: 41.060 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.6	116.4
141	68.1	63.9	95.9

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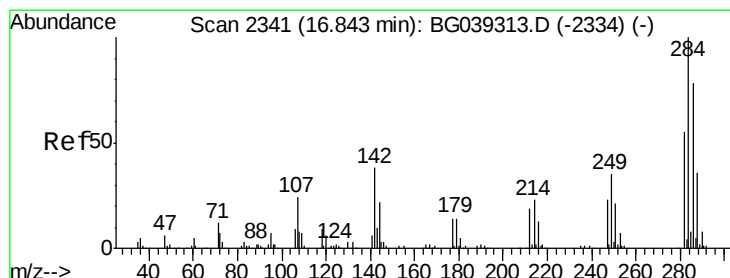
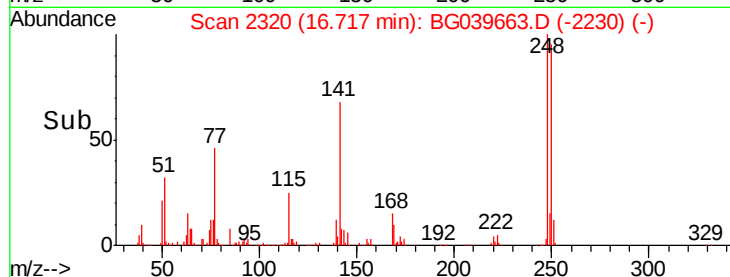
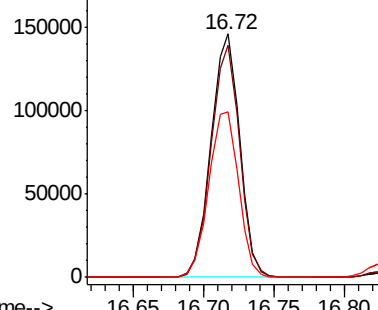


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.486 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

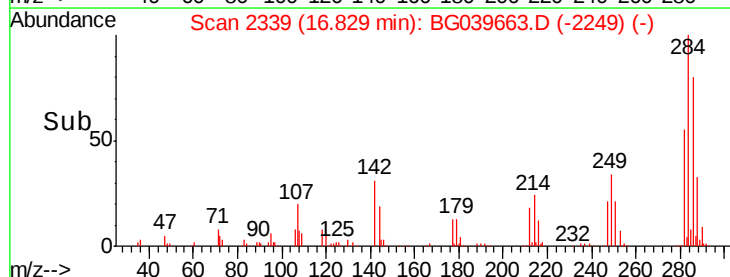
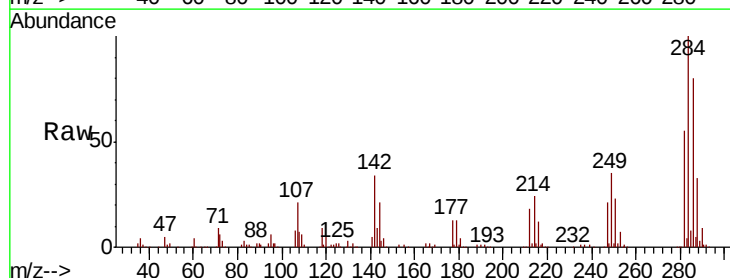
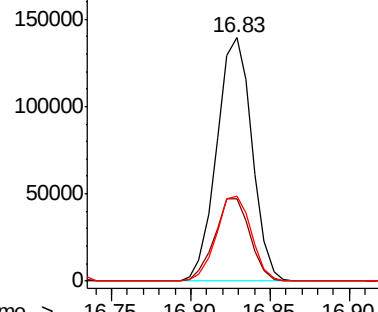
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	30.6	45.8
249	34.6	28.2	42.2

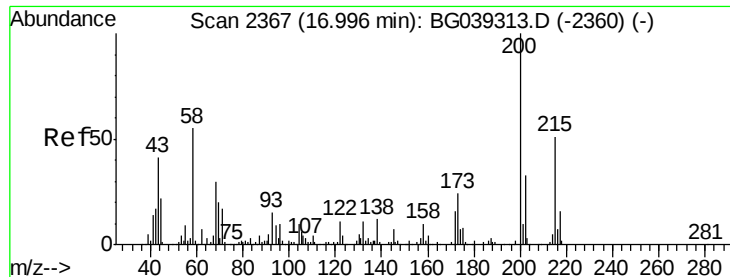
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





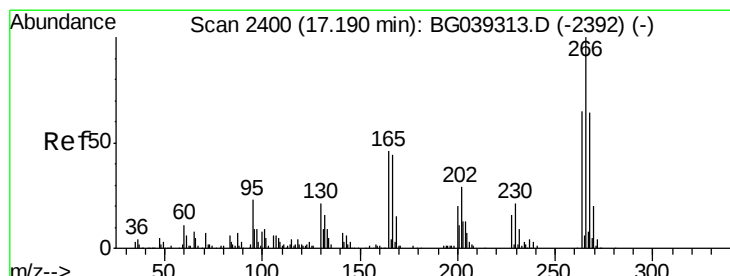
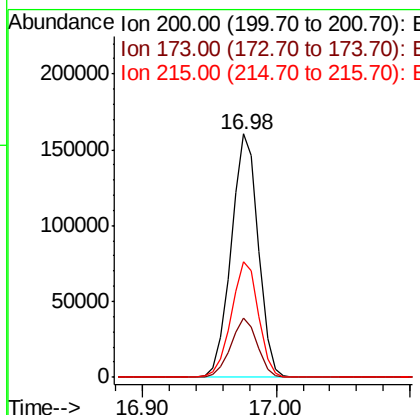
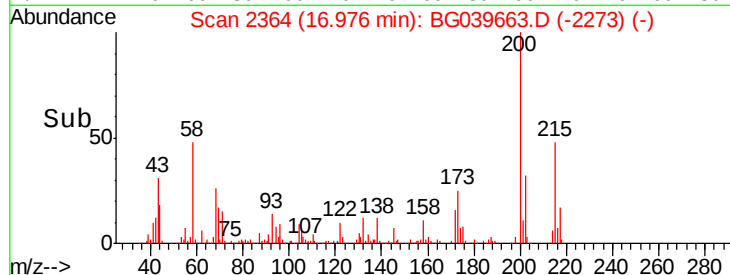
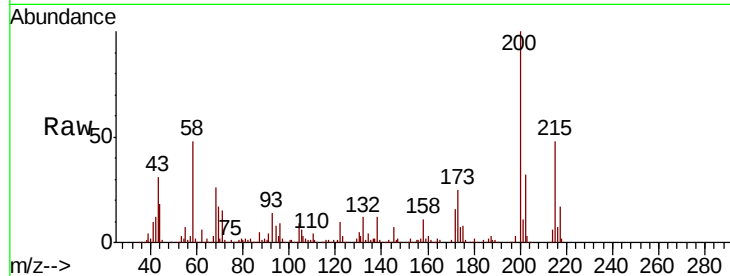
#69
 Atrazine
 Concen: 44.826 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampled :
 TEST 1

Tot Ion	Ratio	Resp	Lower	Upper
200	100	226376		
173	24.5	3.9	43.9	
215	47.5	30.9	70.9	

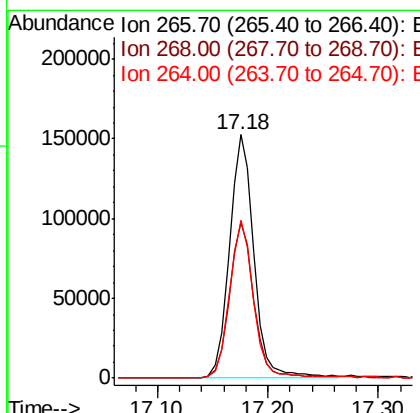
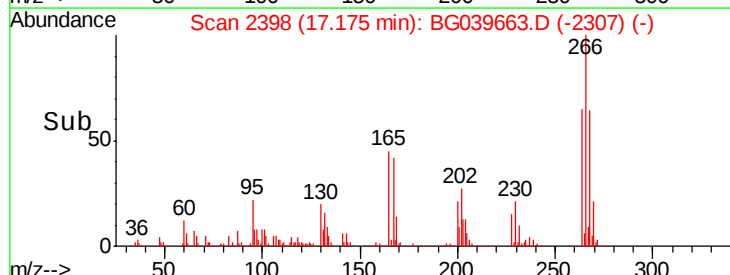
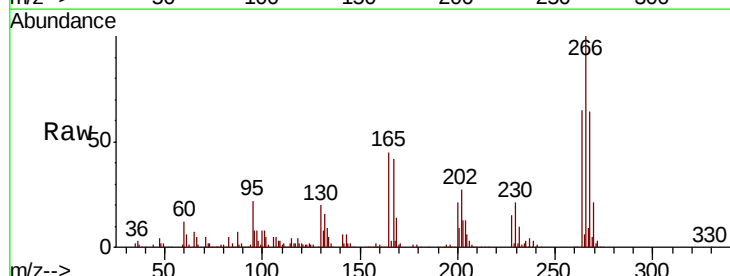
Manual Integrations
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#70
 Pentachlorophenol
 Concen: 67.618 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	237734		
268	63.6	51.1	76.7	
264	64.8	52.1	78.1	





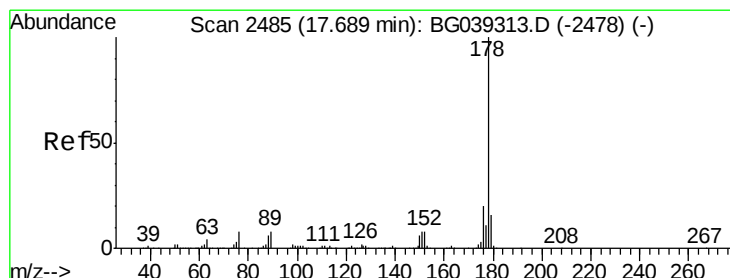
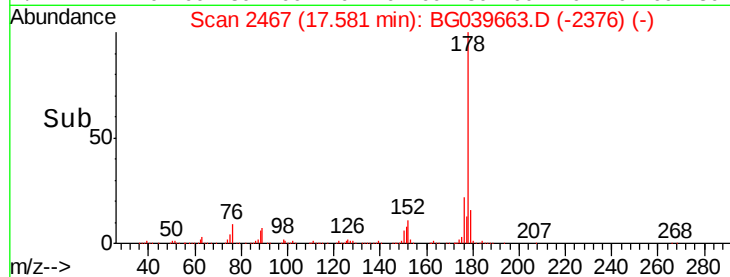
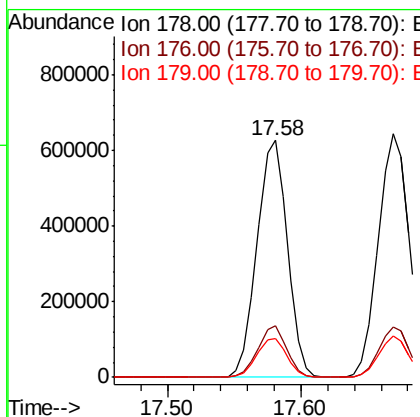
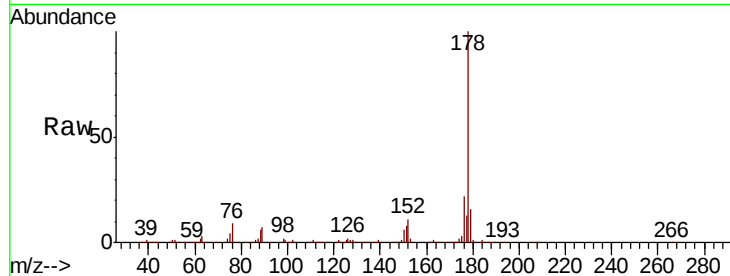
#71
Phenanthrene
Concen: 41.880 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampled :
TEST 1

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	16.2	12.6	19.0

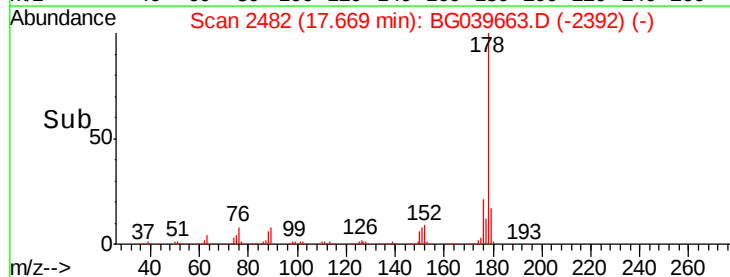
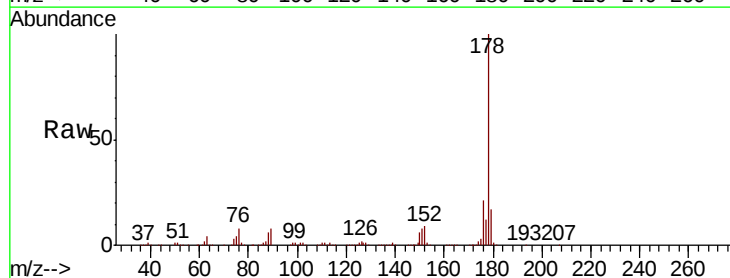
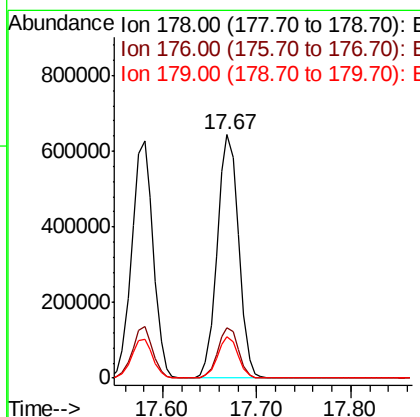
Manual Integrations
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#72
Anthracene
Concen: 44.154 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.6
179	16.9	12.5	18.7





#73

Carbazole

Concen: 37.324 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

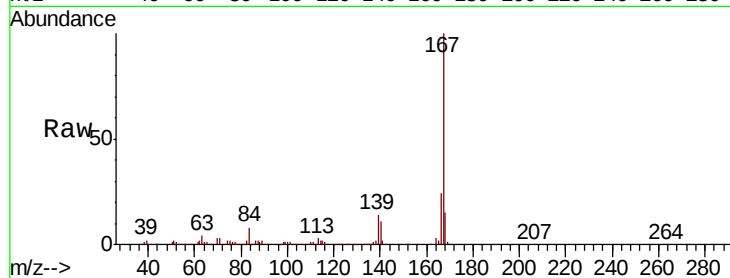
ClientSampled :

TEST 1

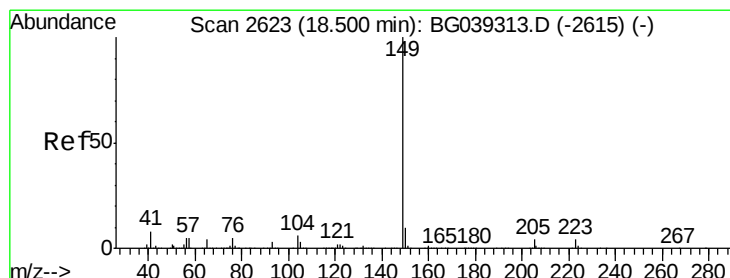
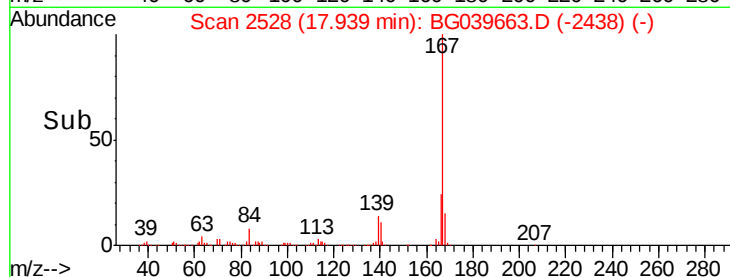
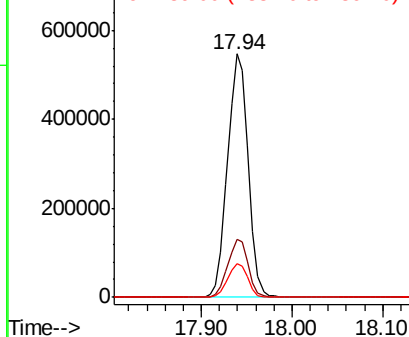
Tot Ion:	167	Resp:	863064
Ion Ratio	Lower	Upper	
167	100		
166	23.8	19.4	29.2
139	14.0	10.8	16.2

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.787 ng

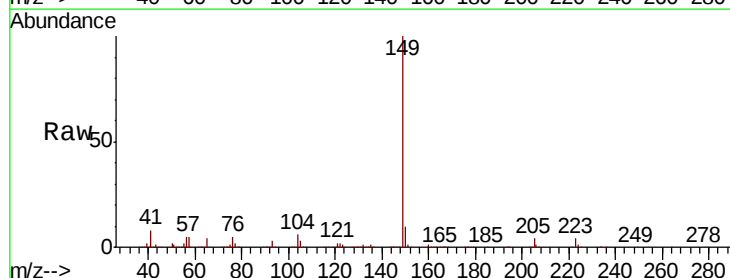
RT: 18.47 min Scan# 2618

Delta R.T. -0.00 min

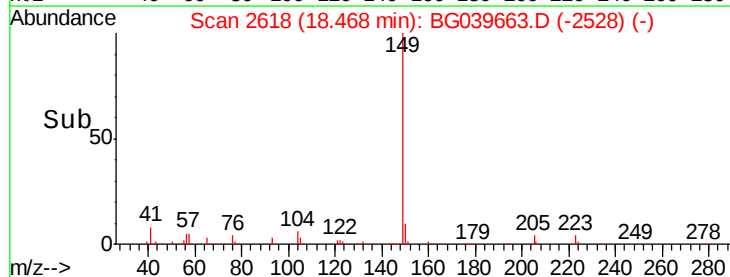
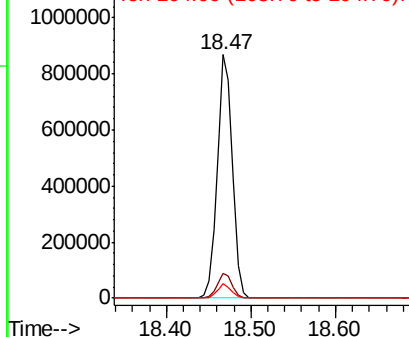
Lab File: BG039663.D

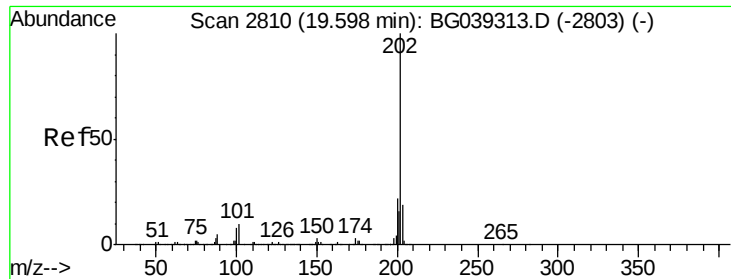
Acq: 28 Feb 2019 17:01

Tgt Ion:	149	Resp:	1100283
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.7	11.5
104	5.8	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.723 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

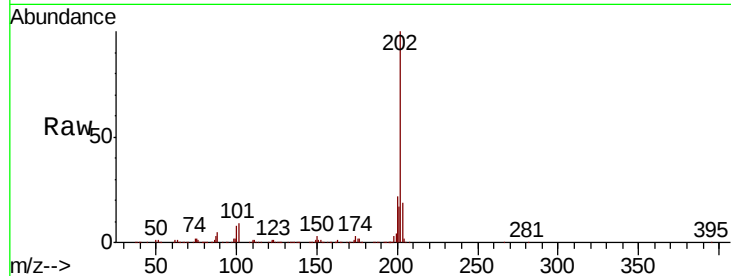
ClientSampled :

TEST 1

Tot Ion:	202	Resp:	1111854
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	19.4	0.0	38.9

Manual Integrations
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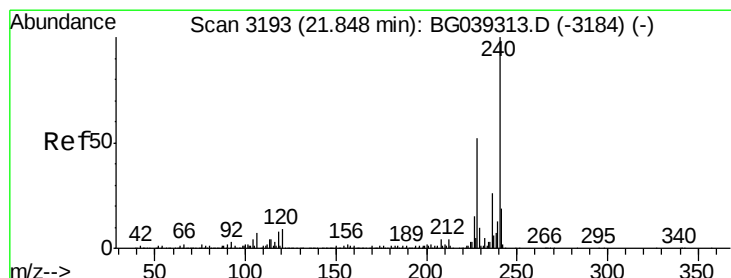
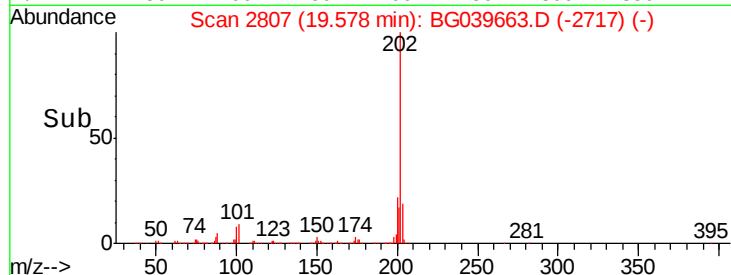
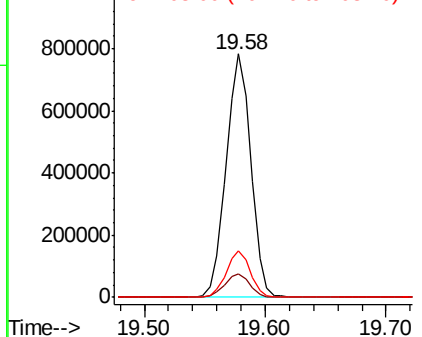


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

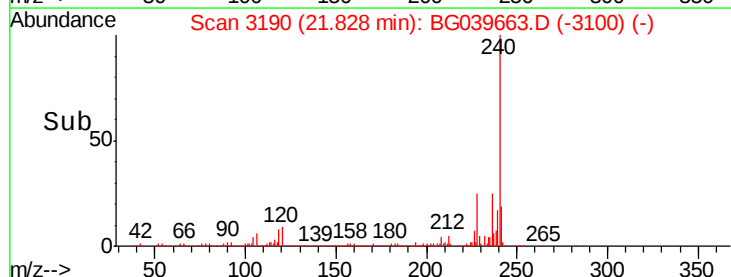
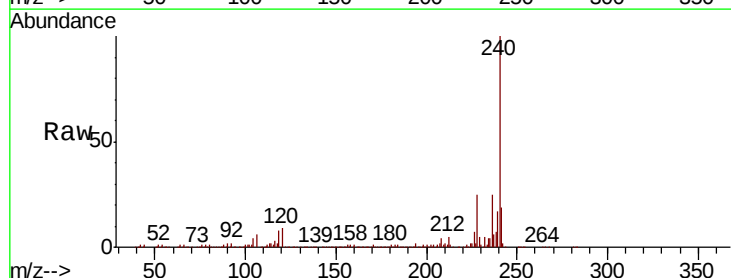
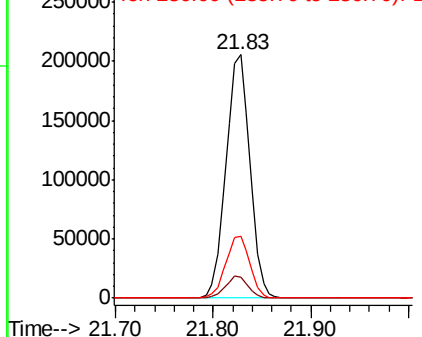
Tgt Ion:	240	Resp:	349139
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.0	10.6
236	25.3	21.0	31.4

Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.990 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

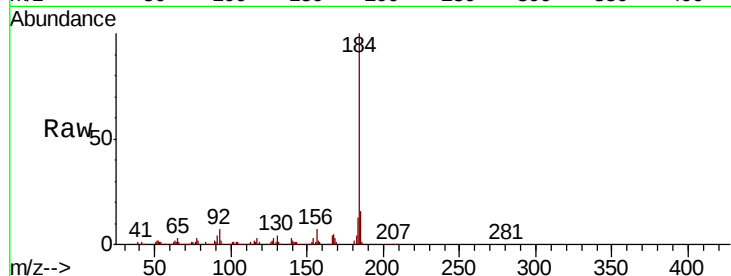
ClientSampled :

TEST 1

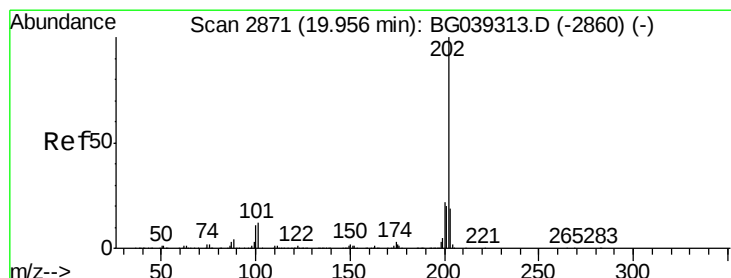
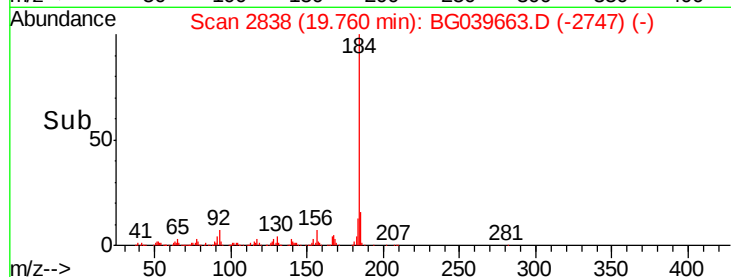
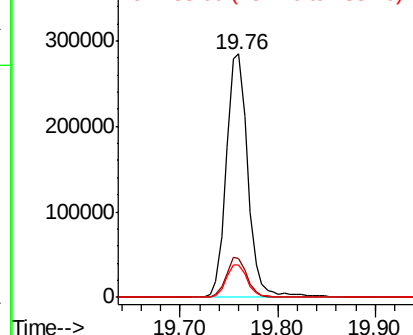
Tot Ion:	184	Resp:	434861
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.2	18.2
183	13.1	10.6	15.8

Manual Integrations
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3/1/2019 4:23:26 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.711 ng

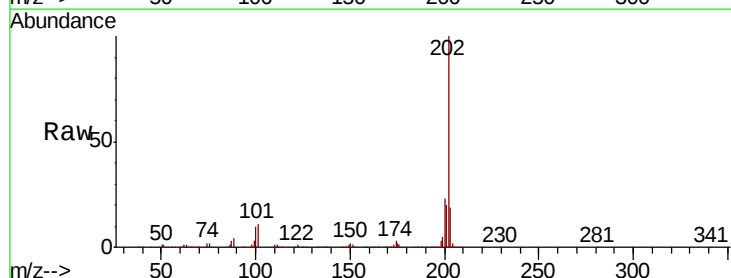
RT: 19.94 min Scan# 2869

Delta R.T. -0.00 min

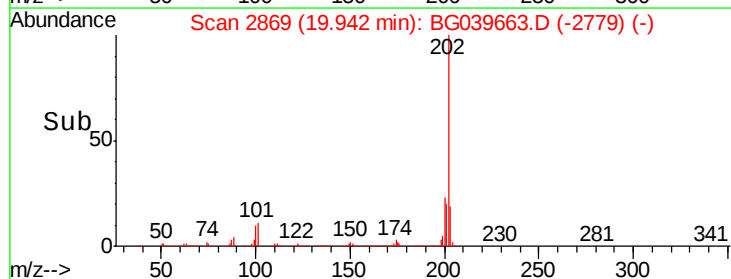
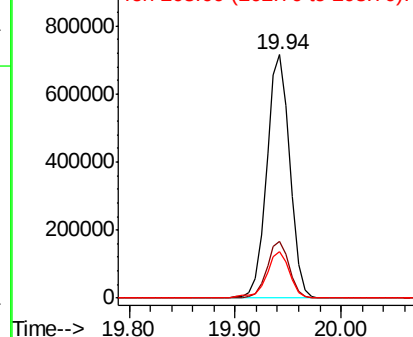
Lab File: BG039663.D

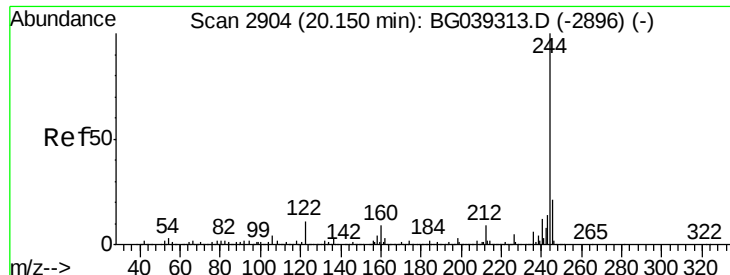
Acq: 28 Feb 2019 17:01

Tgt Ion:	202	Resp:	1080452
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.8	26.8
203	19.0	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 0.045 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

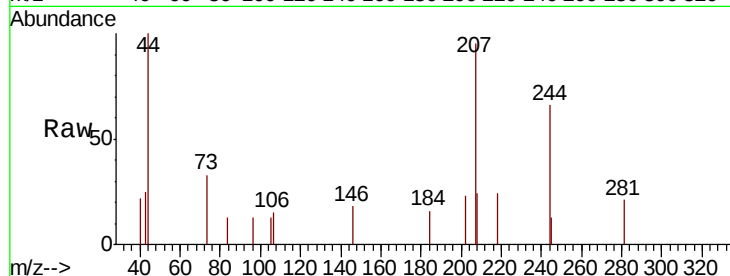
ClientSampled :

TEST 1

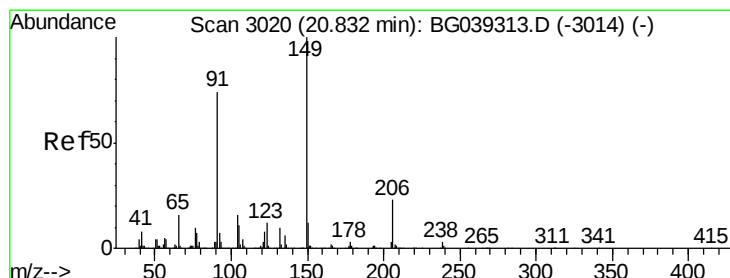
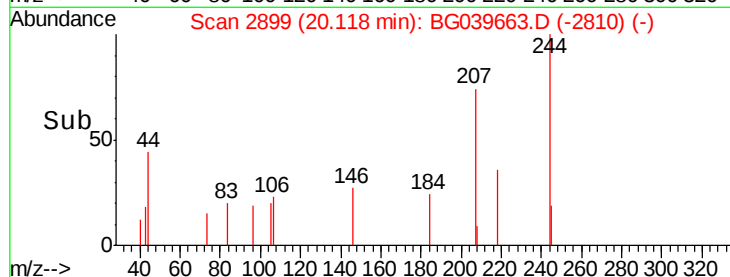
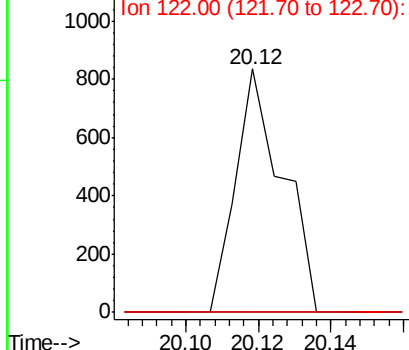
Tot Ion:	244	Resp:	750
Ion Ratio	Lower	Upper	
244	100		
212	0.0	7.3	10.9#
122	0.0	8.4	12.6#

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3/1/2019 4:23:26 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.410 ng

RT: 20.81 min Scan# 3016

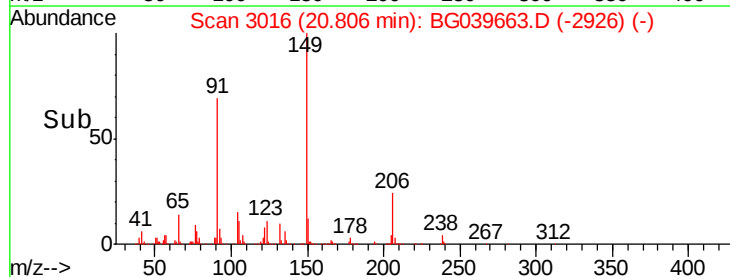
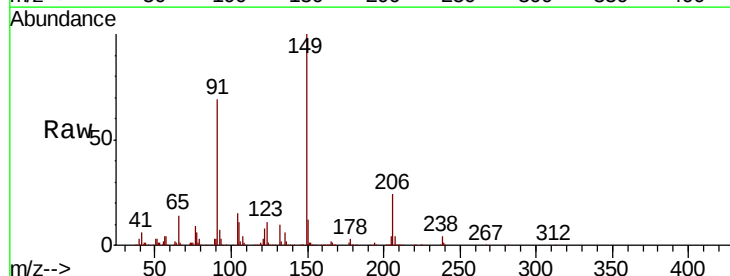
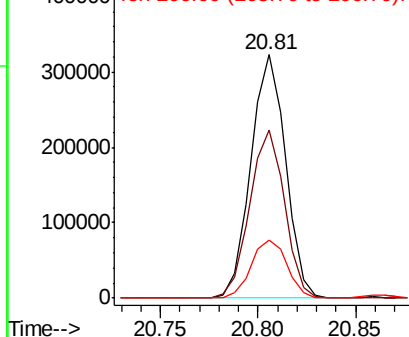
Delta R.T. -0.00 min

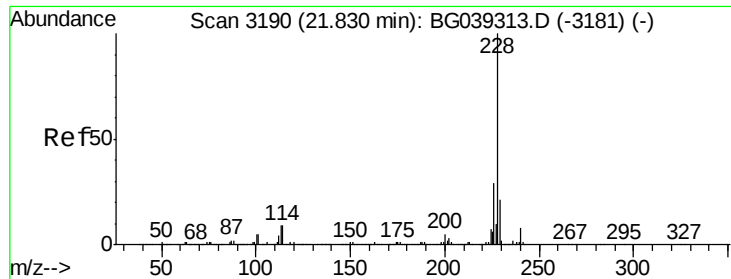
Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	149	Resp:	398004
Ion Ratio	Lower	Upper	
149	100		
91	68.8	59.5	89.3
206	24.0	18.6	27.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.468 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Instrument :

BNA_G

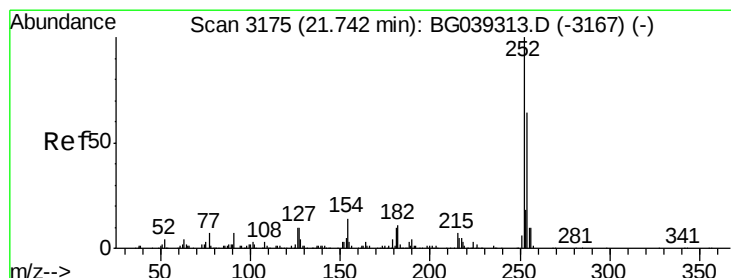
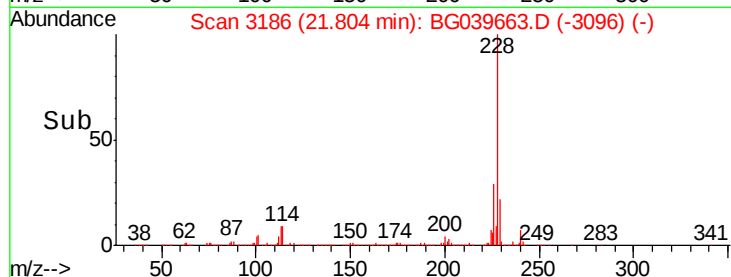
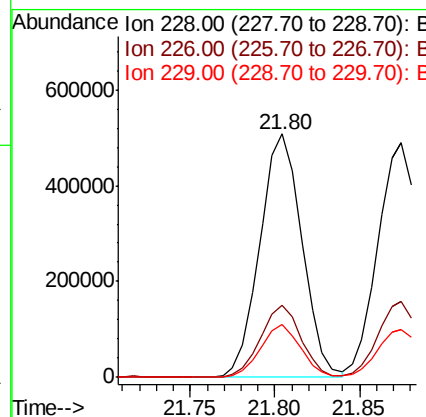
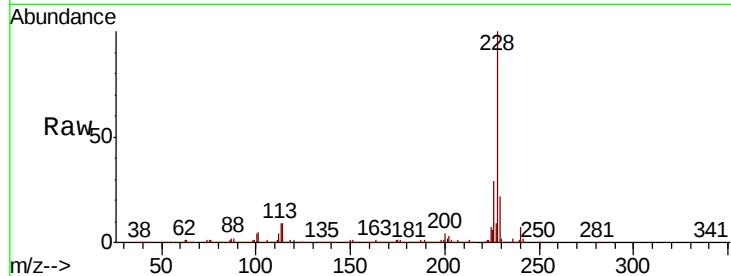
ClientSampled :

TEST 1

Tot Ion:	228	Resp:	876136
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.0	34.6
229	21.6	16.9	25.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.498 ng

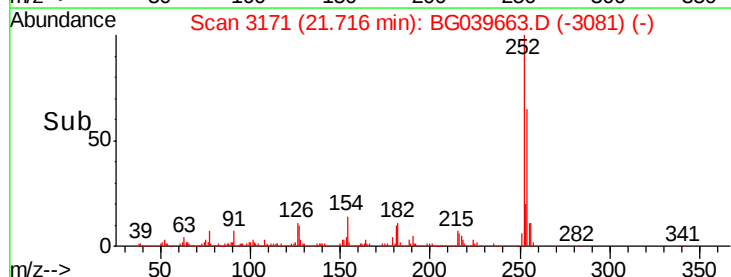
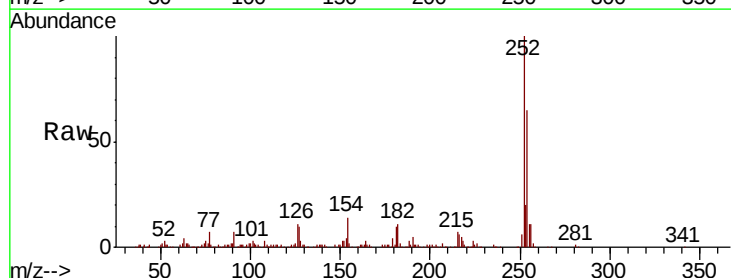
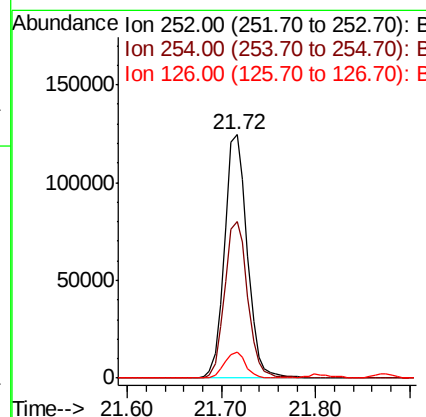
RT: 21.72 min Scan# 3171

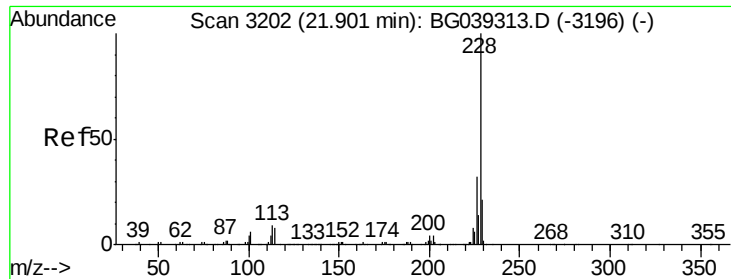
Delta R.T. -0.00 min

Lab File: BG039663.D

Acq: 28 Feb 2019 17:01

Tgt Ion:	252	Resp:	210348
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.3	76.9
126	10.9	8.0	12.0





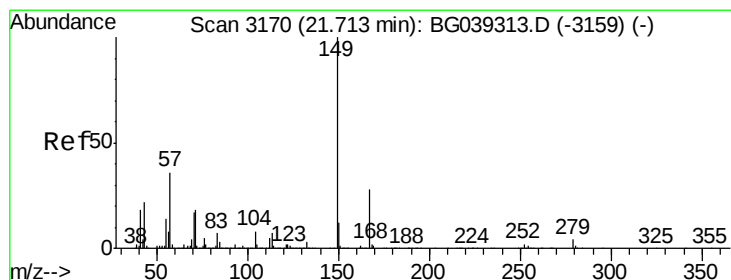
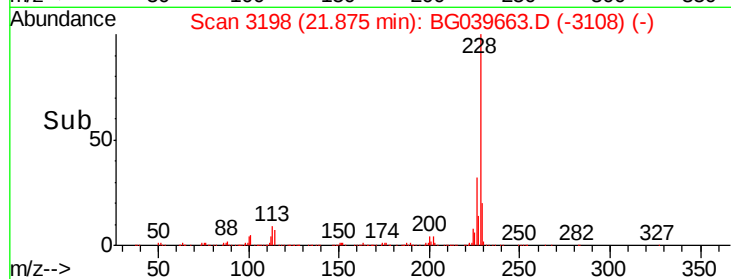
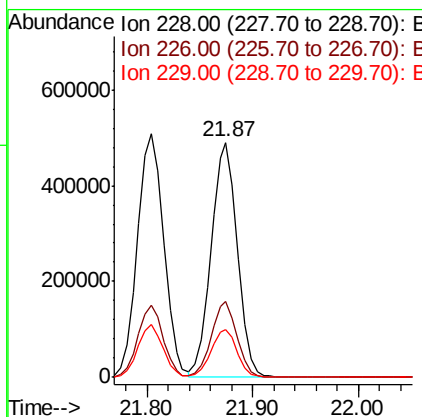
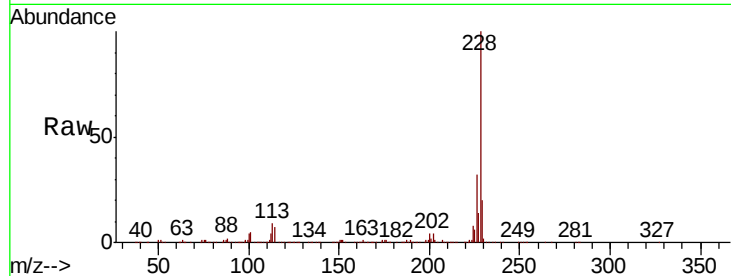
#83
 Chrysene
 Concen: 43.094 ng
 RT: 21.87 min Scan# 3198
 Delta R.T. -0.00 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Instrument :
 BNA_G
 ClientSampled :
 TEST 1

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.6
229	20.3	16.6	25.0

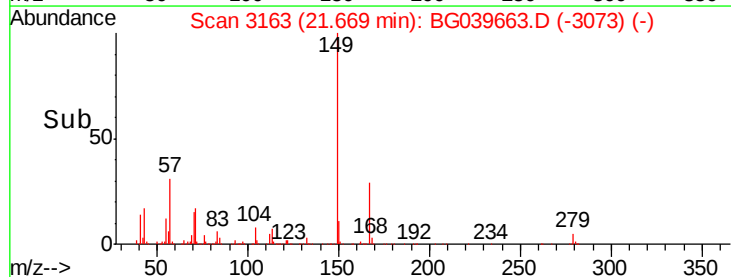
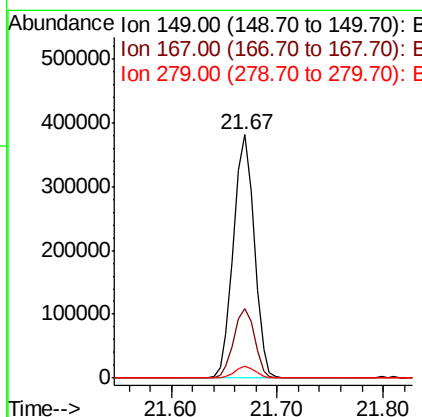
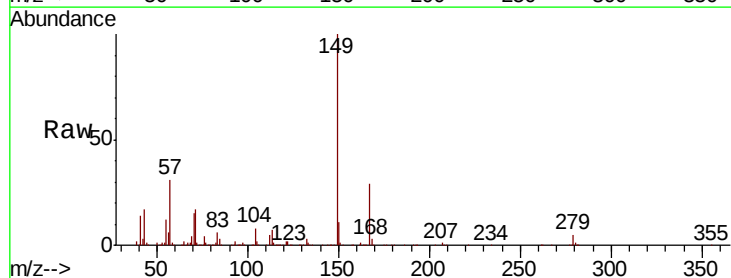
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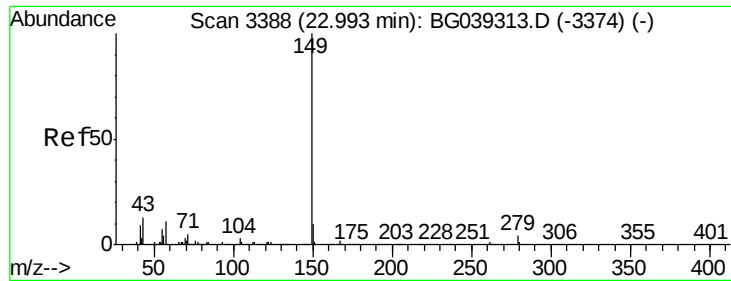
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.517 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG039663.D
 Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	4.9	3.5	5.3





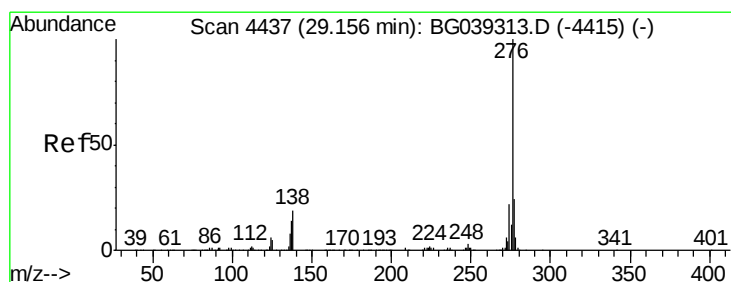
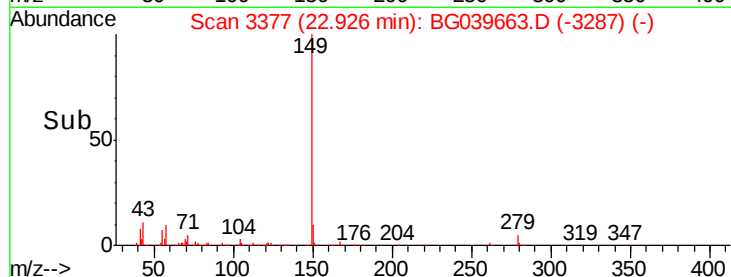
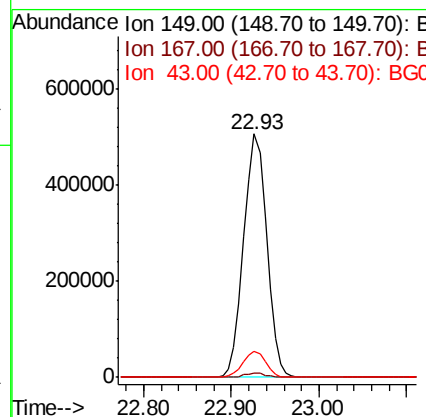
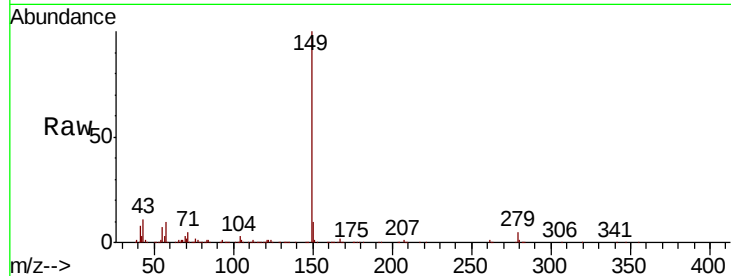
#85
Di-n-octyl phthalate
Concen: 41.700 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

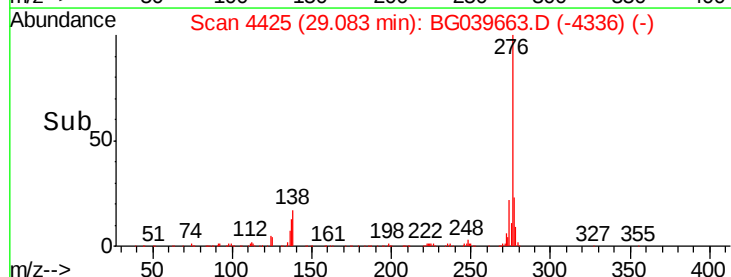
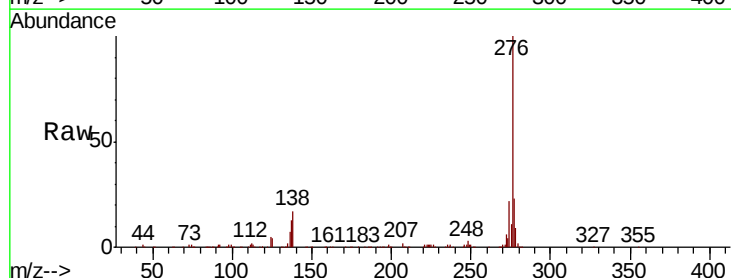
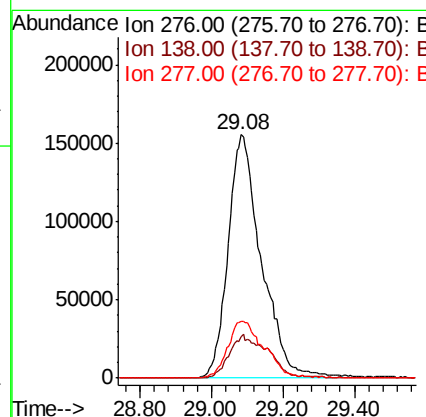
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.655 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	12.6	19.0#
277	25.4	20.8	31.2





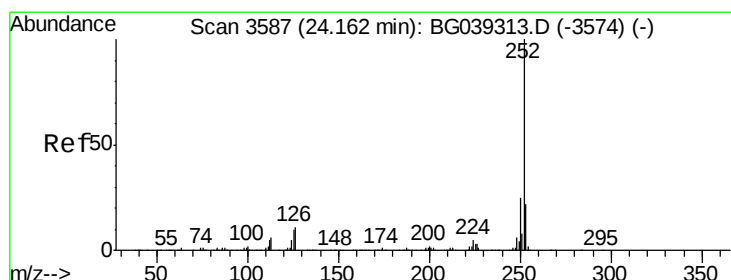
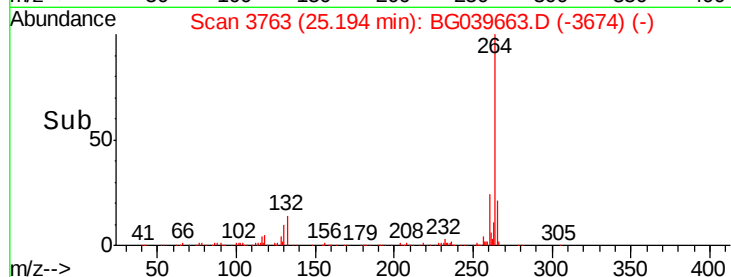
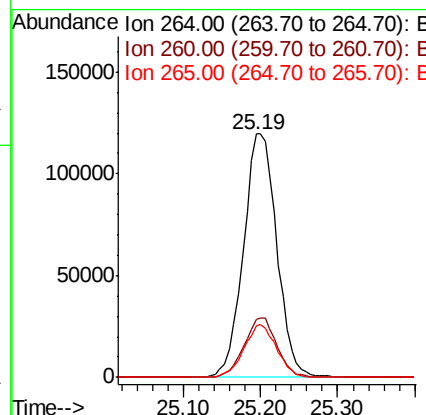
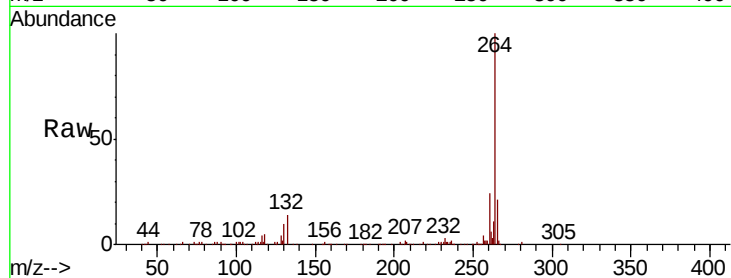
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion:	264	Resp:	361991
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	21.2	18.5	27.7

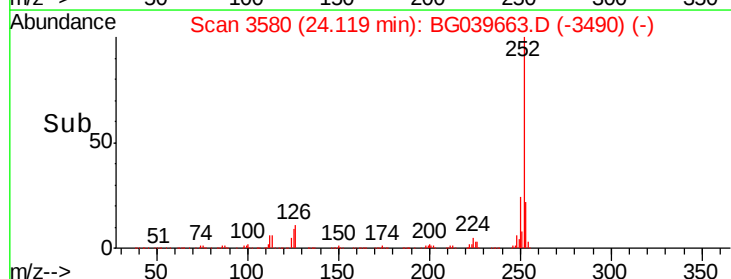
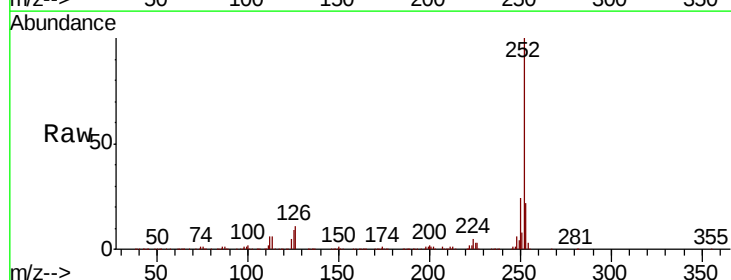
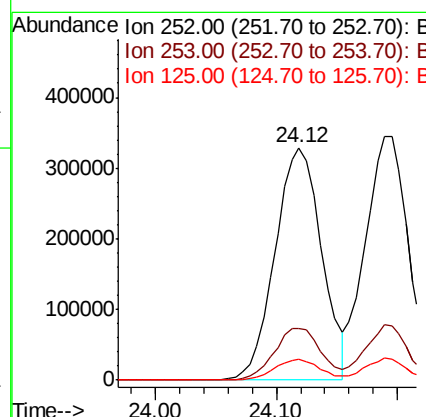
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3/1/2019 4:23:26 PM



#88
Benzo(b)fluoranthene
Concen: 44.489 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion:	252	Resp:	878273
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	8.8	7.8	11.6





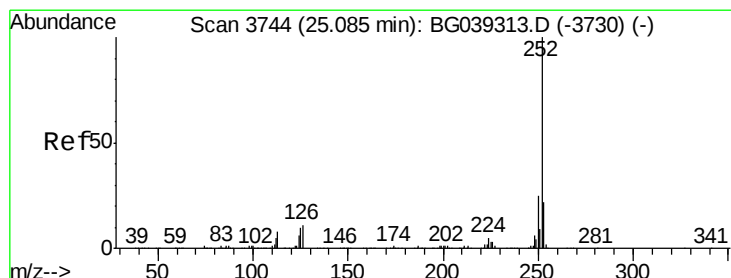
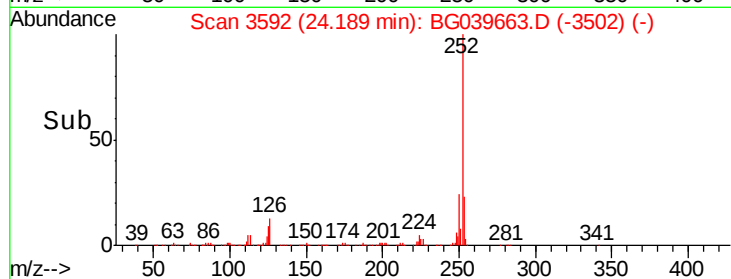
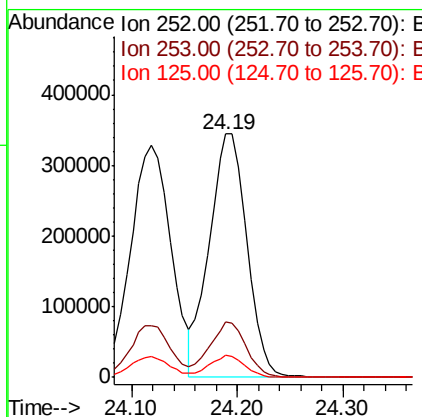
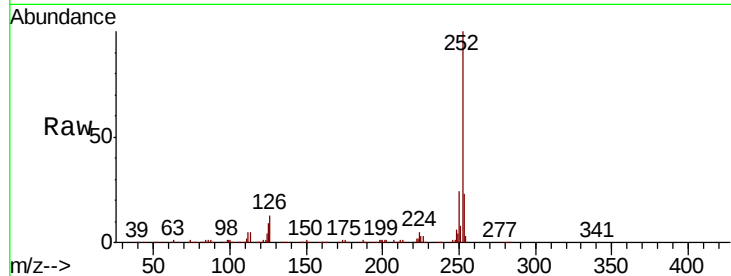
#89
Benzo(k)fluoranthene
Concen: 42.976 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.9	7.4	11.2

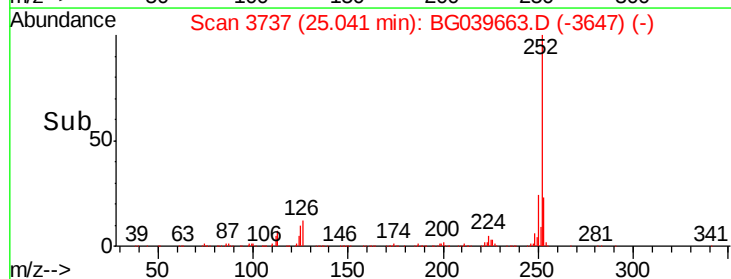
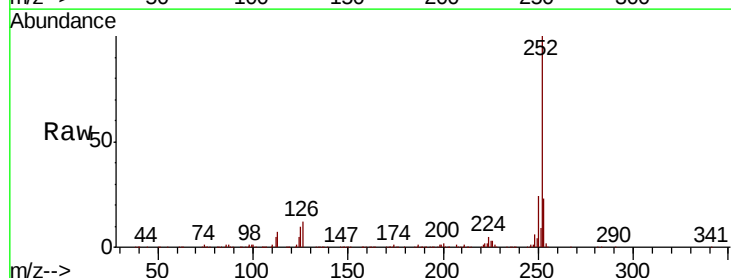
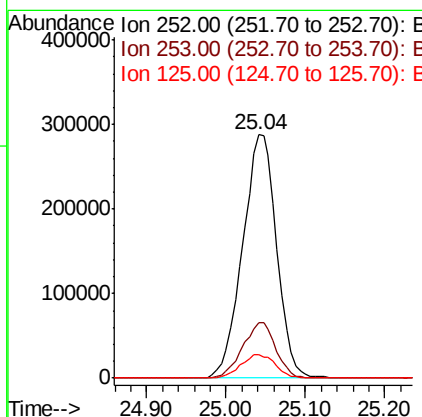
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 45.104 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.6	8.3	12.5





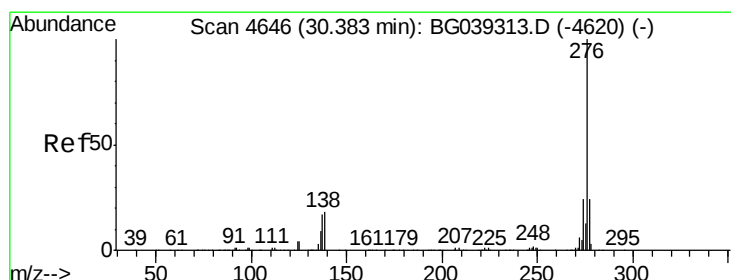
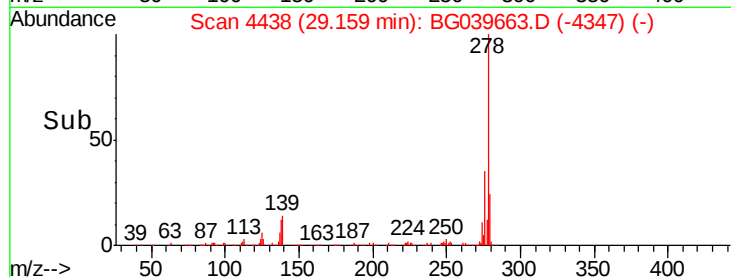
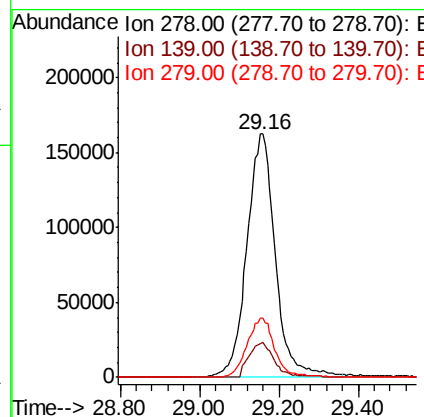
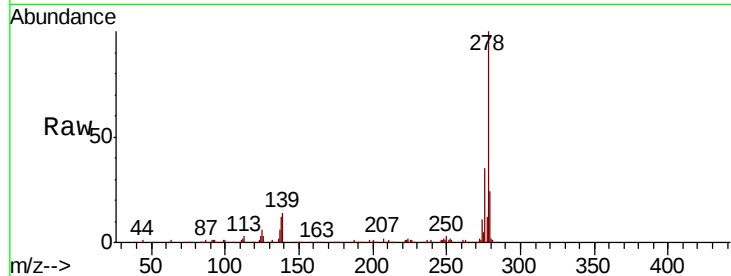
#91
Dibenzo(a,h)anthracene
Concen: 45.700 ng
RT: 29.16 min Scan# 4438
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Instrument :
BNA_G
ClientSampleId :
TEST 1

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	24.3	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 45.375 ng
RT: 30.32 min Scan# 4635
Delta R.T. 0.01 min
Lab File: BG039663.D
Acq: 28 Feb 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.6	29.4
138	17.6	14.7	22.1

