

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039201.D
 Acq On : 18 Jan 2019 2:30
 Operator : JU/SJ
 Sample : K1153-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Manual Integrations
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Sohil
 1/18/2019 11:24:18 AM

Quant Time: Jan 18 05:34:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29484	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118475	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	80462	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211534	20.00	ng	0.00
76) Chrysene-d12	21.68	240	217293	20.00	ng	0.00
87) Perylene-d12	24.95	264	225838	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	209241	134.62	ng	0.00
7) Phenol-d6	7.18	99	260960	116.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	193393	89.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	168122	124.65	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	486207	82.70	ng	0.00
79) Terphenyl-d14	20.01	244	951035	80.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	19870	32.646	ng	# 1
3) Pyridine	3.87	79	53280	32.216	ng	90
4) n-Nitrosodimethylamine	3.78	42	30116	40.467	ng	87
6) Aniline	7.34	93	17565	6.539	ng	97
8) 2-Chlorophenol	7.58	128	73070	39.882	ng	95
9) Benzaldehyde	7.16	77	20260	15.706	ng	96
10) Phenol	7.21	94	77328	34.482	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	68766	40.121	ng	98
12) 1,3-Dichlorobenzene	7.90	146	74729	34.043	ng	99
13) 1,4-Dichlorobenzene	8.05	146	77079	34.671	ng	99
14) 1,2-Dichlorobenzene	8.37	146	74683	35.233	ng	96
15) Benzyl Alcohol	8.26	79	65622	38.957	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	128602	39.130	ng	99
17) 2-Methylphenol	8.46	107	61495	39.492	ng	97
18) Hexachloroethane	9.09	117	27384	36.257	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	55327	37.667	ng	93
20) 3+4-Methylphenols	8.79	107	84294	37.968	ng	98
22) Acetophenone	8.85	105	113534	36.695	ng	# 96
24) Nitrobenzene	9.24	77	83414	38.116	ng	97
25) Isophorone	9.75	82	163702	43.893	ng	98
26) 2-Nitrophenol	9.95	139	44727	37.785	ng	98
27) 2,4-Dimethylphenol	9.99	122	74032	44.454	ng	85
28) bis(2-Chloroethoxy)methane	10.23	93	97839	43.649	ng	99
29) 2,4-Dichlorophenol	10.48	162	84602	40.892	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	84414	33.958	ng	96
31) Naphthalene	10.88	128	236321	39.771	ng	98
32) Benzoic acid	10.16	122	11235m	18.258	ng	
33) 4-Chloroaniline	11.02	127	4762m	1.791	ng	
34) Hexachlorobutadiene	11.14	225	55934	32.701	ng	95
35) Caprolactam	11.79	113	19790m	23.854	ng	
36) 4-Chloro-3-methylphenol	12.12	107	87393	39.494	ng	95
37) 2-Methylnaphthalene	12.48	142	176738	39.672	ng	99
38) 1-Methylnaphthalene	12.70	142	169795	39.708	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	107098	35.442	ng	99

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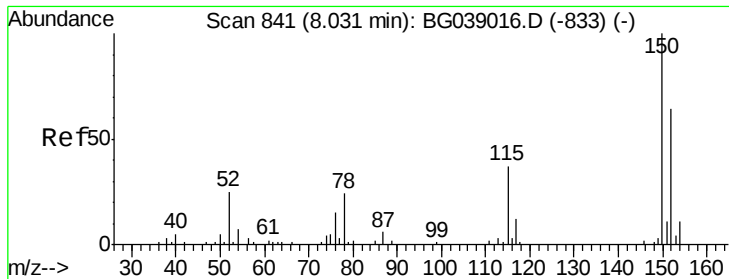
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 1/18/2019 11:24:18 AM

Quant Time: Jan 18 05:34:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102957	61.893	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	74420	39.130	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	80170	39.884	ng	96
46) 1,1'-Biphenyl	13.49	154	238655	37.432	ng	99
47) 2-Chloronaphthalene	13.54	162	190486	36.921	ng	99
48) 2-Nitroaniline	13.75	65	58149	40.230	ng	94
49) Acenaphthylene	14.38	152	313102	40.375	ng	98
50) Dimethylphthalate	14.11	163	263688	38.781	ng	99
51) 2,6-Dinitrotoluene	14.24	165	59261	38.983	ng	96
52) Acenaphthene	14.72	154	182495	39.168	ng	94
53) 3-Nitroaniline	14.58	138	4044	2.622	ng #	87
54) 2,4-Dinitrophenol	14.79	184	29701	35.865	ng	93
55) Dibenzofuran	15.05	168	309657	37.631	ng	99
56) 4-Nitrophenol	14.89	139	78137	70.420	ng	94
57) 2,4-Dinitrotoluene	15.03	165	86585	39.700	ng	95
58) Fluorene	15.70	166	252471	40.761	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	76615	40.377	ng	98
60) Diethylphthalate	15.46	149	273541	39.047	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	140263	35.944	ng	96
62) 4-Nitroaniline	15.75	138	51559	32.094	ng	93
63) Azobenzene	15.98	77	218711	39.922	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	33936	21.654	ng	95
66) n-Nitrosodiphenylamine	15.91	169	231935	36.986	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	94018	34.576	ng	97
68) Hexachlorobenzene	16.70	284	99911	33.673	ng	98
69) Atrazine	16.85	200	97712	36.679	ng	99
70) Pentachlorophenol	17.06	266	87656	50.148	ng	94
71) Phenanthrene	17.45	178	448867	40.145	ng	99
72) Anthracene	17.54	178	452298	40.913	ng	99
73) Carbazole	17.81	167	408518	37.433	ng	98
74) Di-n-butylphthalate	18.34	149	481167	39.632	ng	99
75) Fluoranthene	19.46	202	559089	40.336	ng	99
77) Benzidine	19.65	184	53414	8.037	ng	97
78) Pyrene	19.82	202	564257	40.747	ng	99
80) Butylbenzylphthalate	20.69	149	217767	41.347	ng	97
81) Benzo(a)anthracene	21.66	228	540682	40.875	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	43944	8.154	ng	98
83) Chrysene	21.73	228	507508	40.340	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	303211	41.462	ng	97
85) Di-n-octyl phthalate	22.74	149	512847	41.473	ng	100
86) Indeno(1,2,3-cd)pyrene	28.69	276	600509	39.947	ng	100
88) Benzo(b)fluoranthene	23.91	252	539444	43.320	ng	99
89) Benzo(k)fluoranthene	23.97	252	522096m	42.405	ng	
90) Benzo(a)pyrene	24.79	252	511733	42.515	ng #	98
91) Dibenzo(a,h)anthracene	28.75	278	490602	40.978	ng	97
92) Benzo(g,h,i)perylene	29.88	276	492322	41.538	ng #	95

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



#1

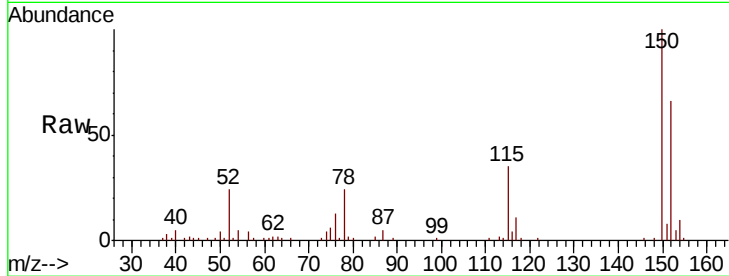
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

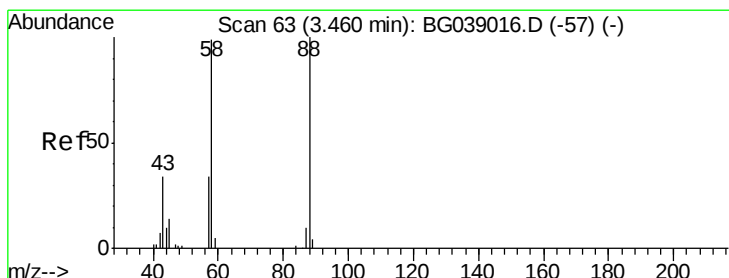
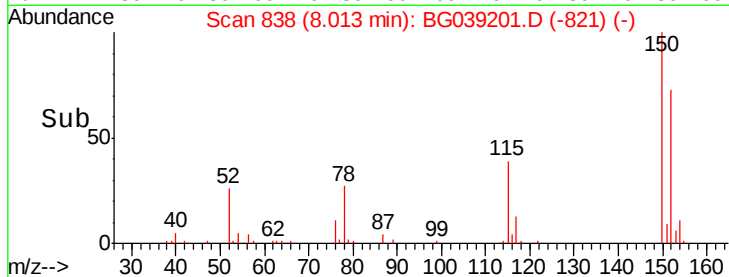
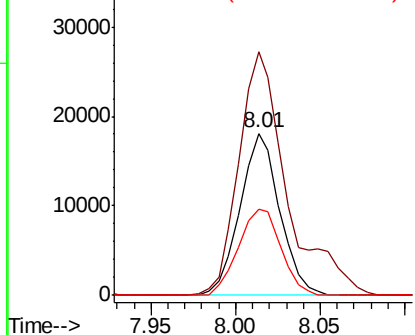
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.7	187.1
115	53.2	46.5	69.7

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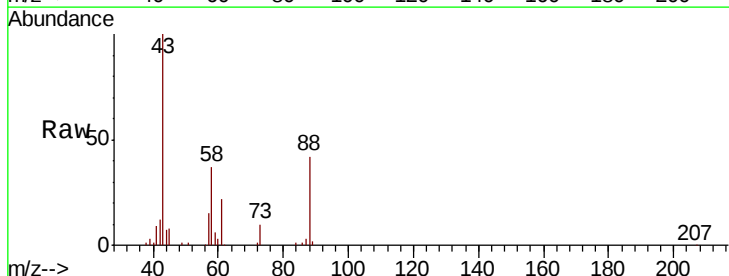
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



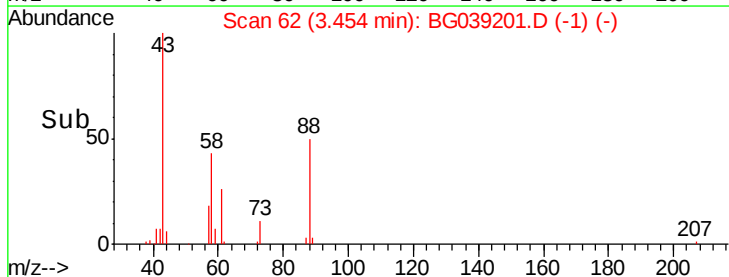
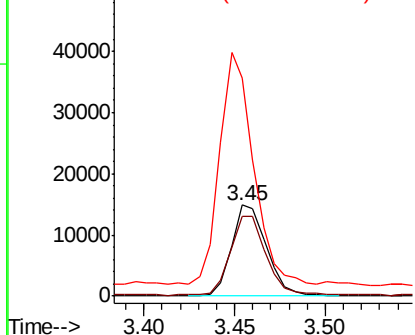
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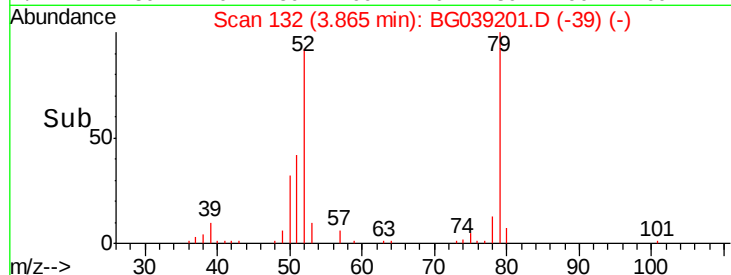
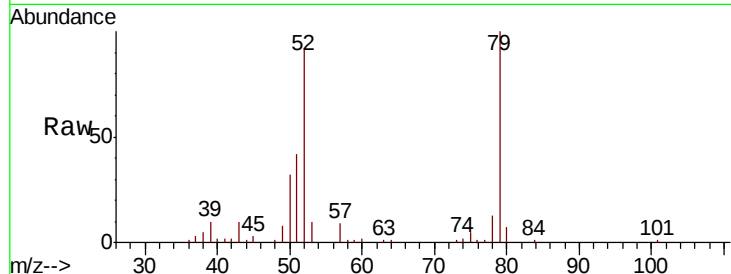
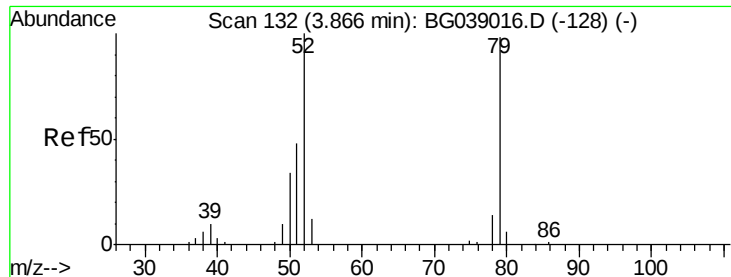
1,4-Dioxane
Concen: 32.646 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.6	72.4	108.6
43	244.9	27.6	41.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





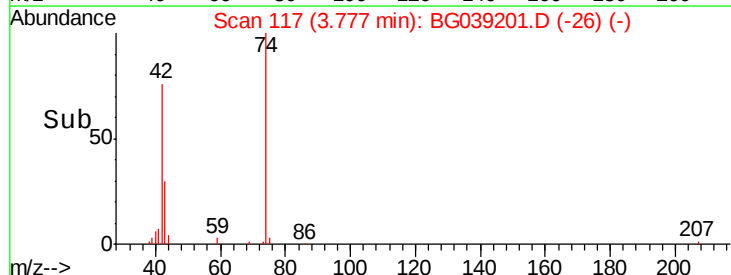
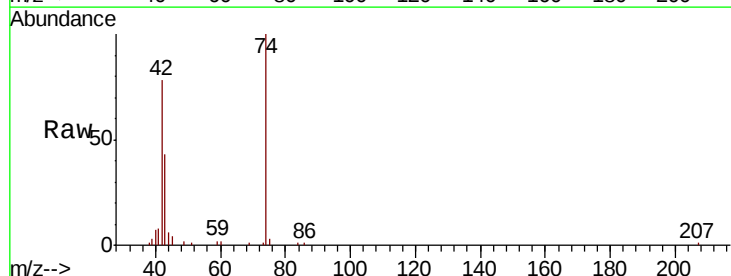
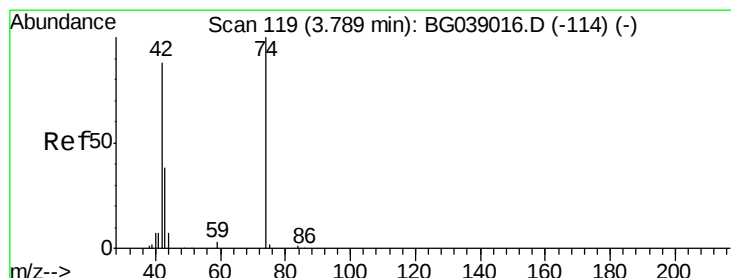
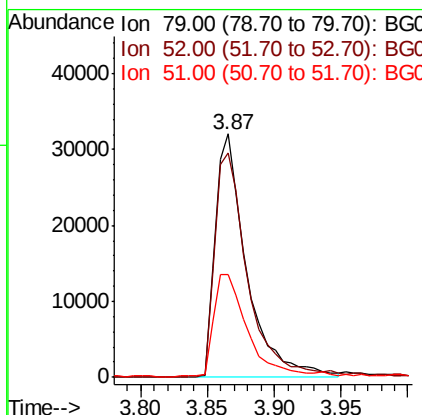
#3
 Pvridine
 Concen: 32.216 ng
 RT: 3.87 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.3	81.5	122.3
51	42.3	39.8	59.6

Instrument :
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 ClientSampleId :
 RBR200044-RBR200027MSD

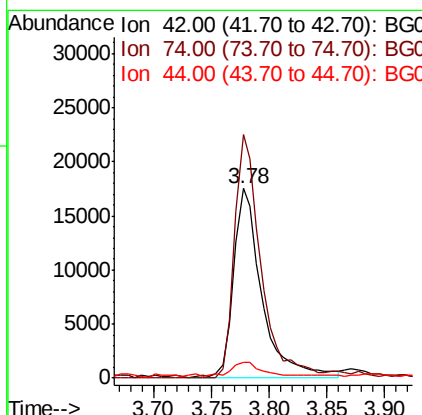
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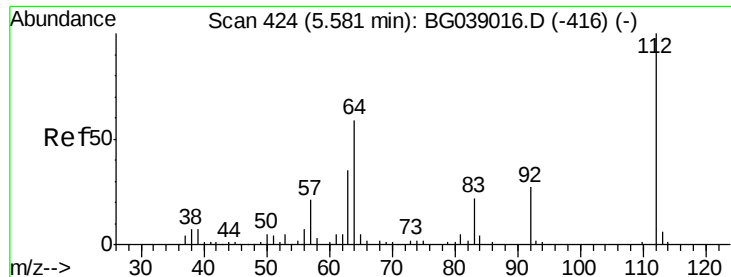
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#4
 n-Nitrosodimethylamine
 Concen: 40.467 ng
 RT: 3.78 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.5	90.7	136.1
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 134.624 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

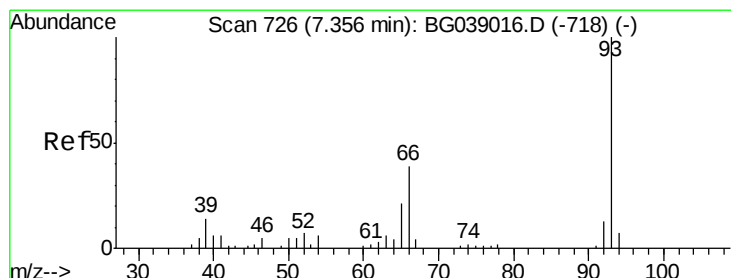
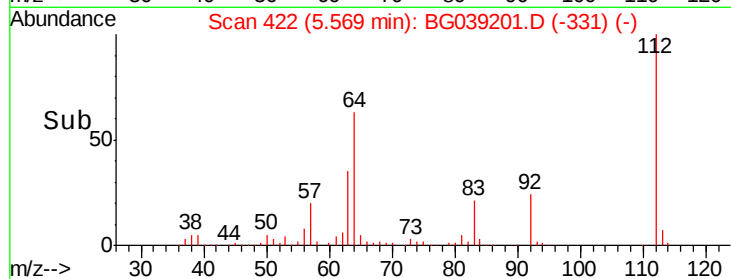
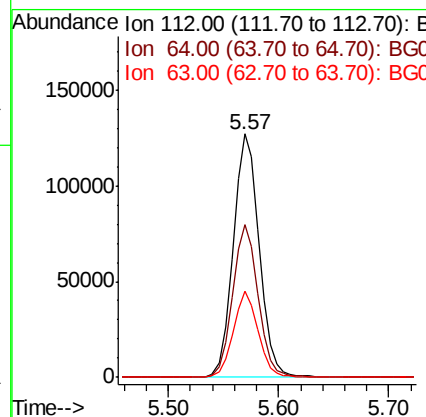
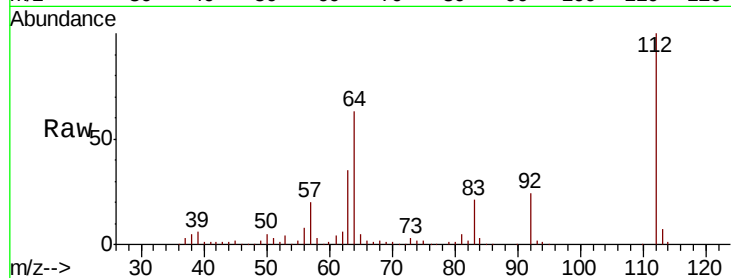
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	209241		
64	62.7	47.0	70.6	
63	35.3	28.0	42.0	

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#6

Aniline

Concen: 6.539 ng

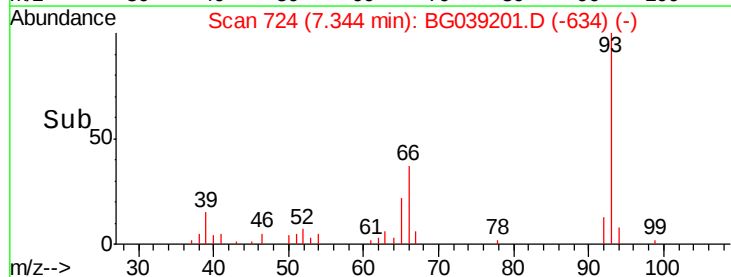
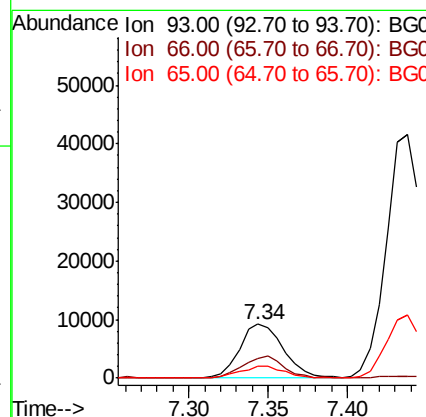
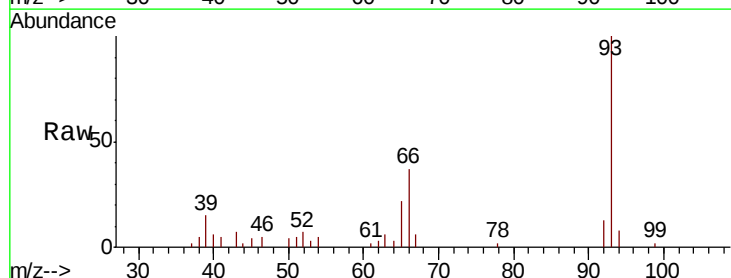
RT: 7.34 min Scan# 724

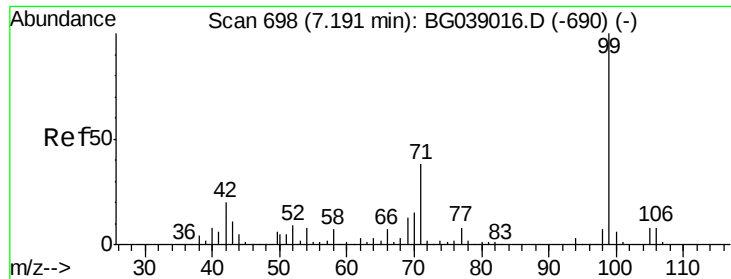
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	17565		
66	36.9	30.9	46.3	
65	22.2	17.0	25.4	





#7

Phenol-d6

Concen: 116.668 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

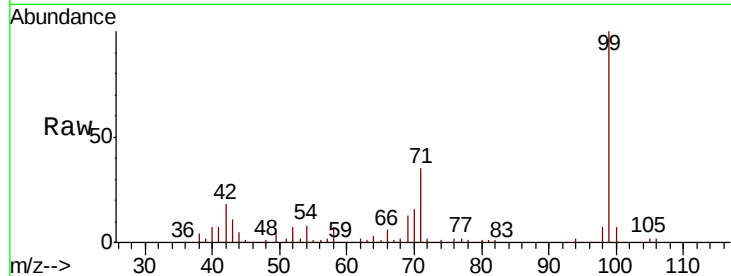
ClientSampleId :

RBR200044-RBR200027MSD

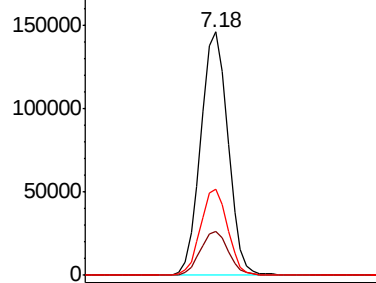
Tot Ion:	99	Resp:	260960
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.8	23.6
71	35.5	30.2	45.4

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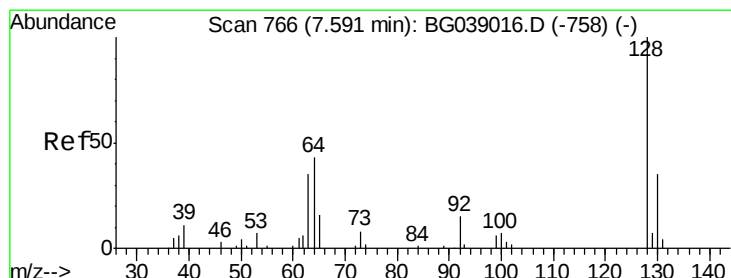
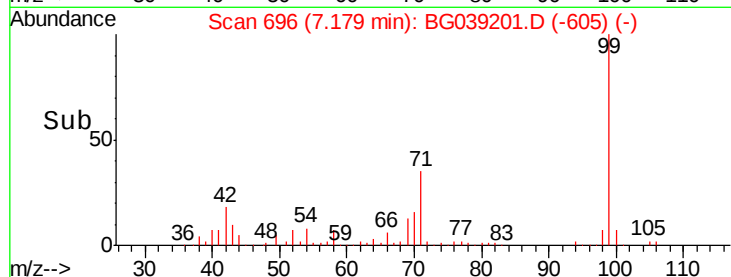
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 39.882 ng

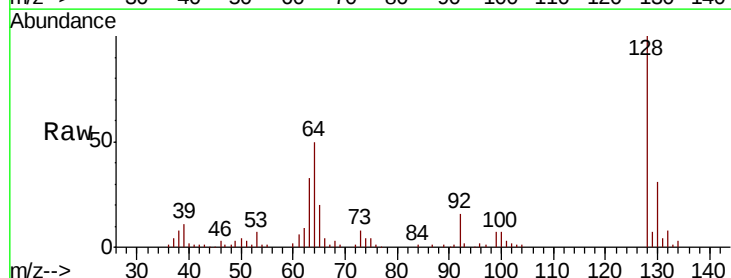
RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

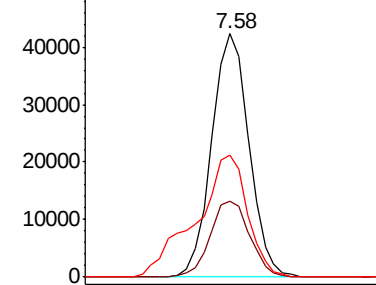
Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

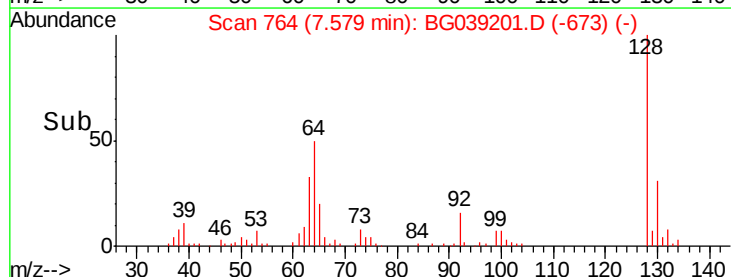
Tgt Ion:	128	Resp:	73070
Ion Ratio	Lower	Upper	
128	100		
130	31.4	14.5	54.5
64	50.3	27.3	67.3

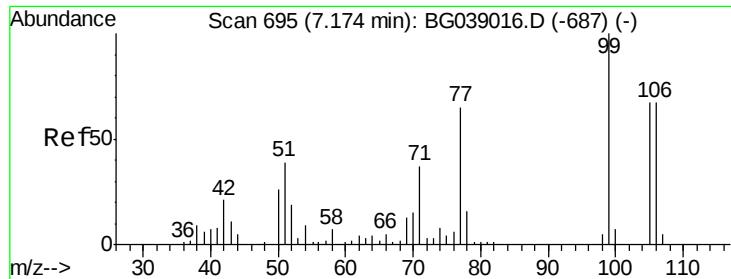


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 15.706 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

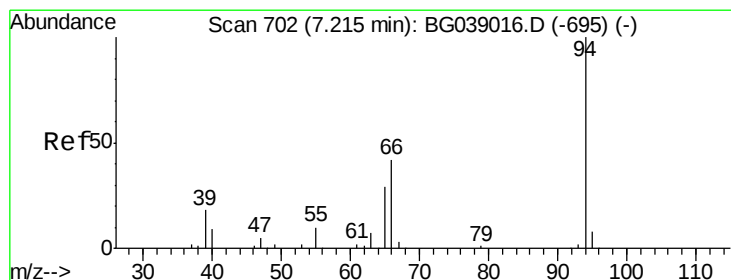
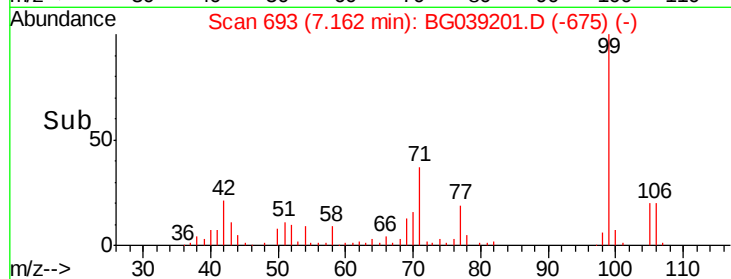
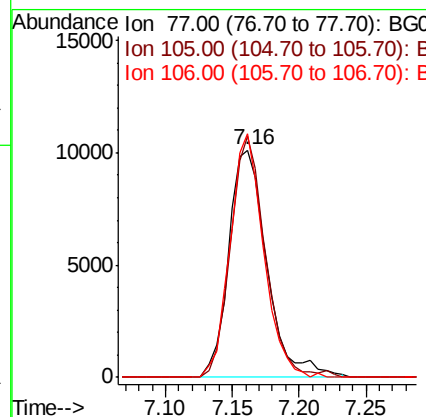
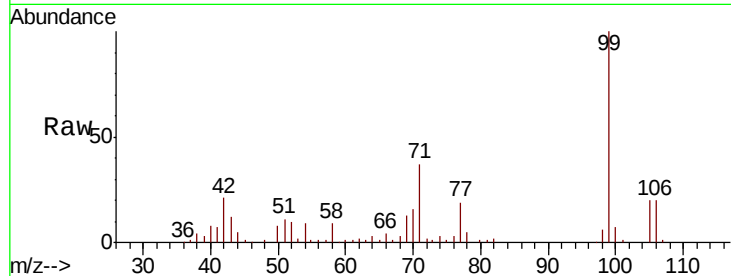
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	77	Resp:	20260
Ion	Ratio	Lower	Upper
77	100		
105	106.2	82.4	122.4
106	107.2	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 34.482 ng

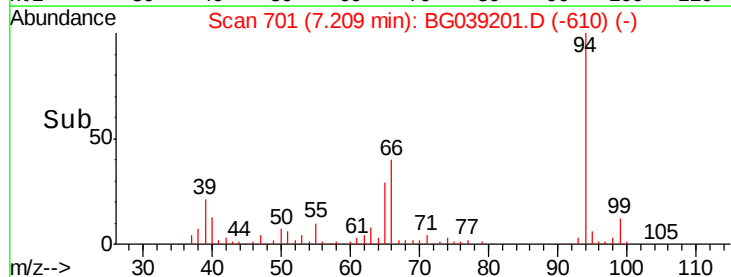
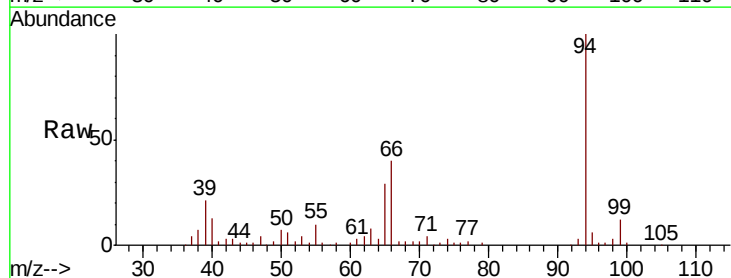
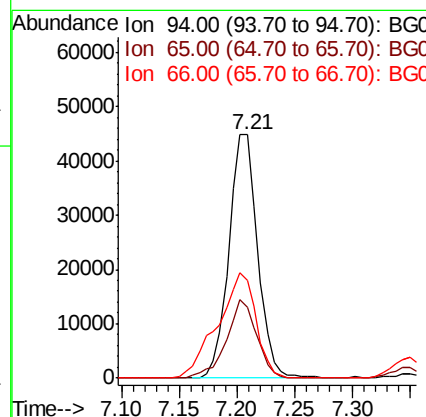
RT: 7.21 min Scan# 701

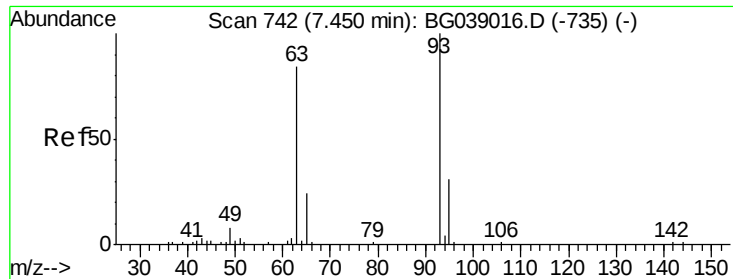
Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	94	Resp:	77328
Ion	Ratio	Lower	Upper
94	100		
65	29.2	10.3	50.3
66	39.9	25.1	65.1





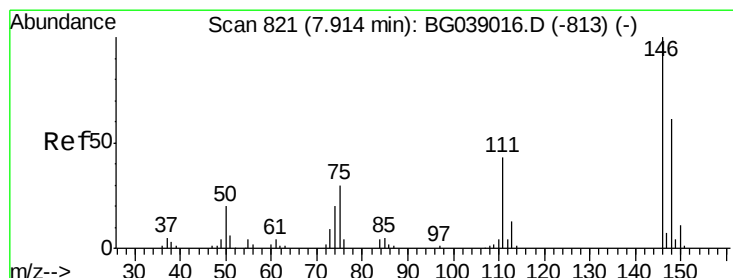
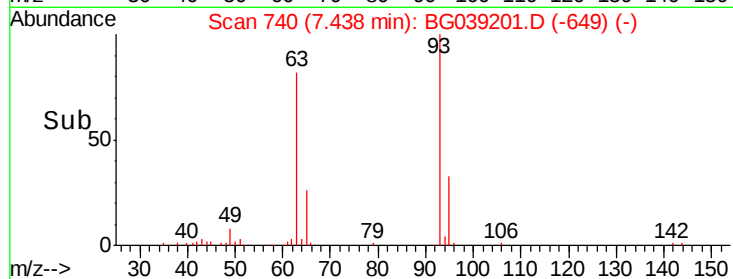
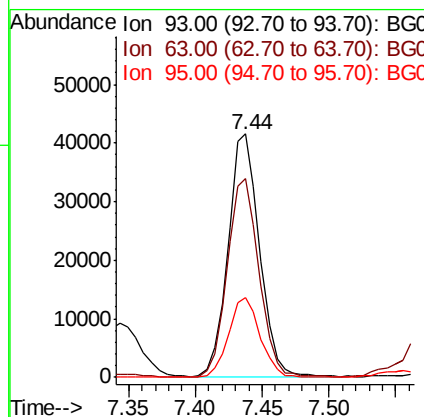
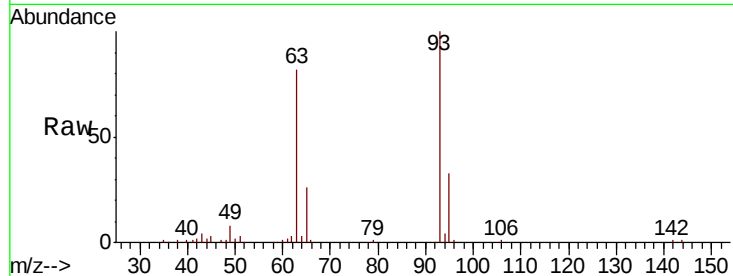
#11
bis(2-Chloroethyl)ether
Concen: 40.121 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	63.2	103.2
95	32.5	11.2	51.2

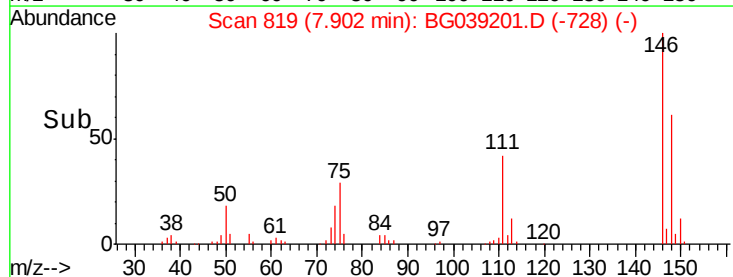
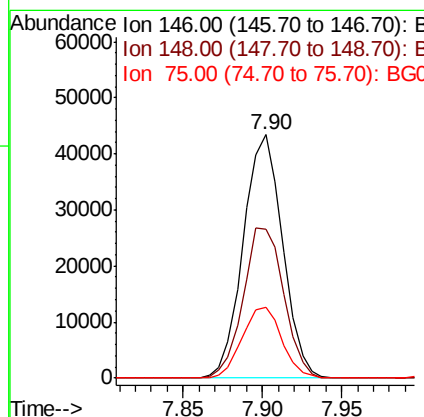
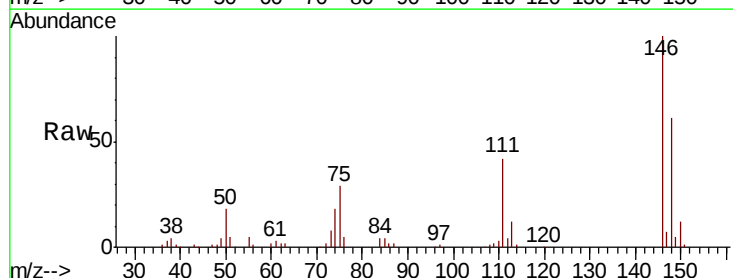
Manual Integrations
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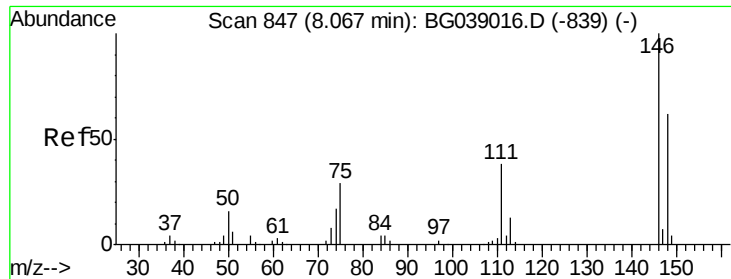
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#12
1,3-Dichlorobenzene
Concen: 34.043 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	49.1	73.7
75	28.9	23.9	35.9





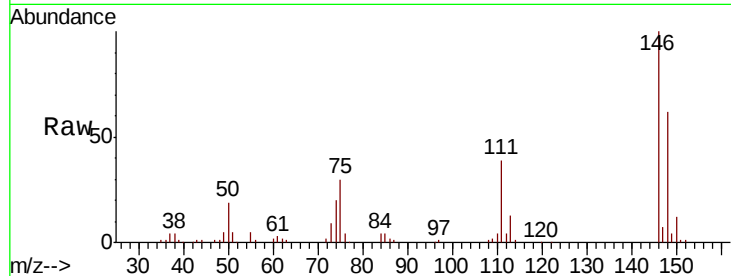
#13
 1,4-Dichlorobenzene
 Concen: 34.671 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.8	74.6
111	39.1	30.6	45.8

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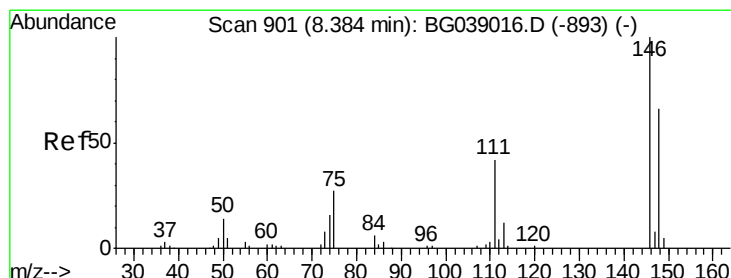
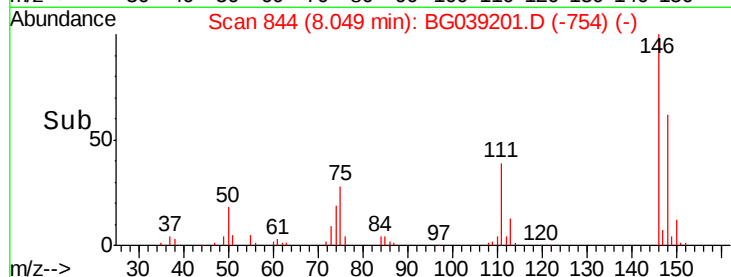
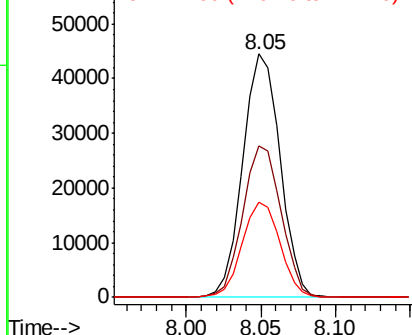


Abundance

Ion 146.00 (145.70 to 146.70): E

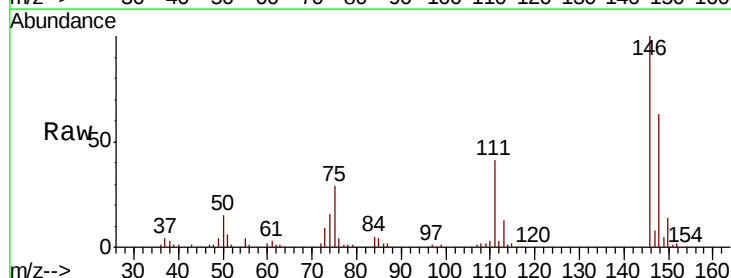
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.233 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	79.0
111	40.7	34.6	51.8

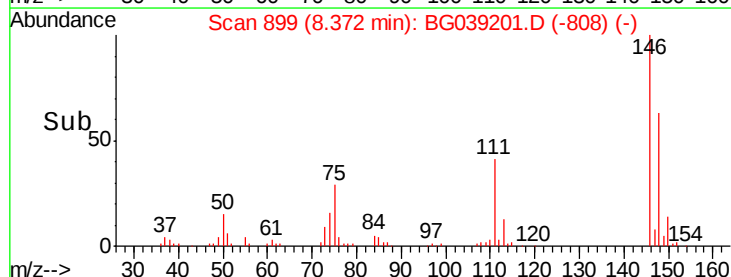
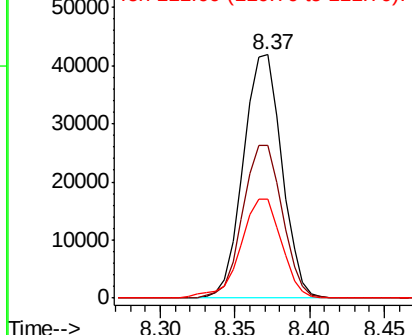


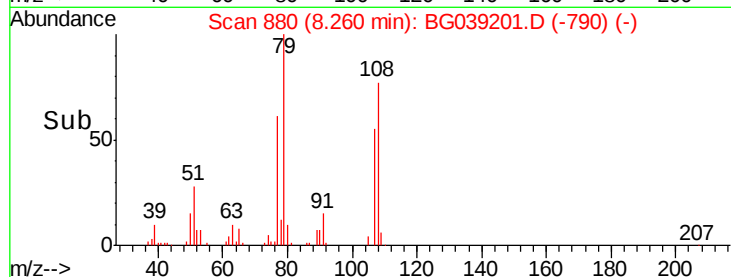
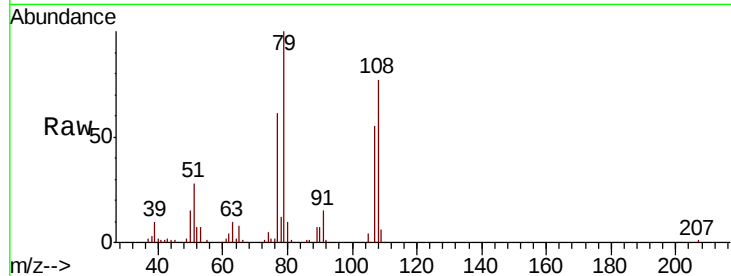
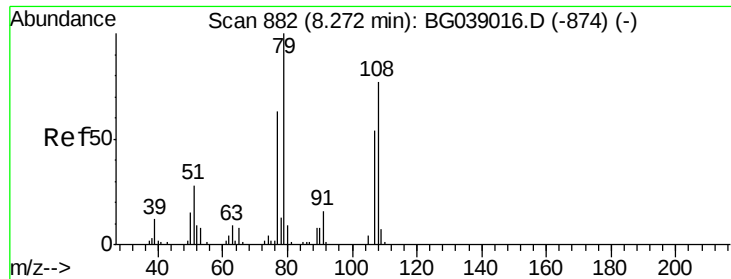
Abundance

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





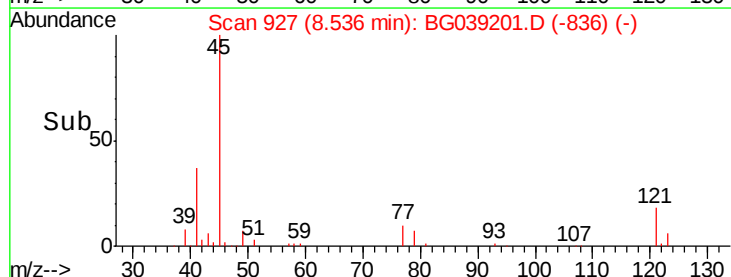
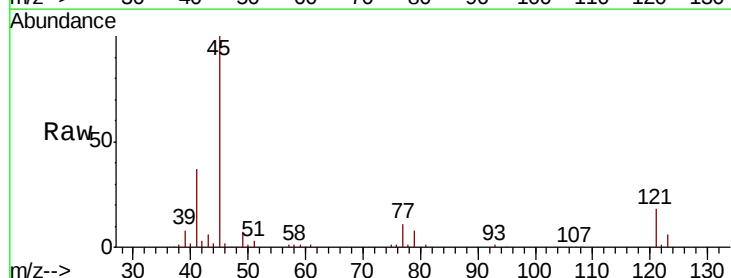
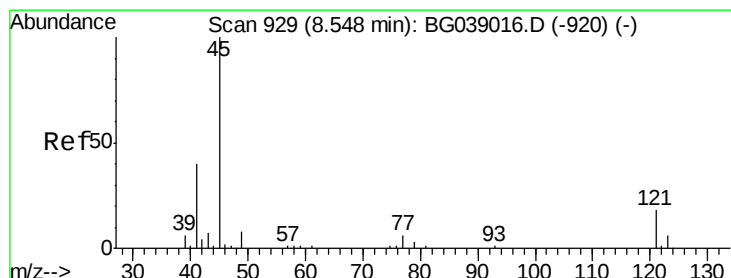
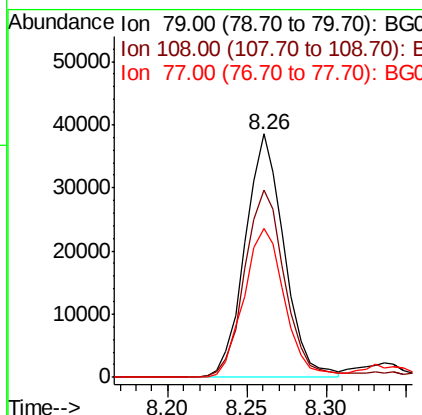
#15
Benzyl Alcohol
Concen: 38.957 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.0	93.0
77	61.1	50.1	75.1

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

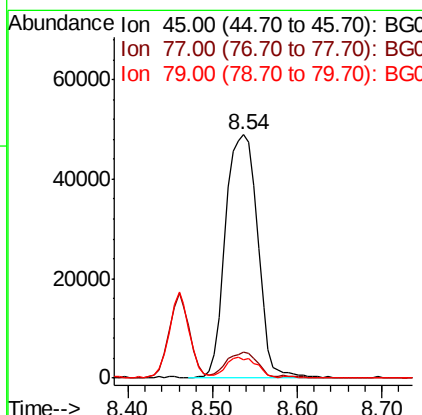
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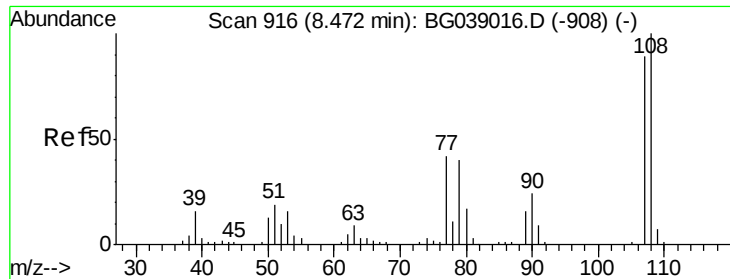
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.130 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.7
79	7.7	0.0	28.5





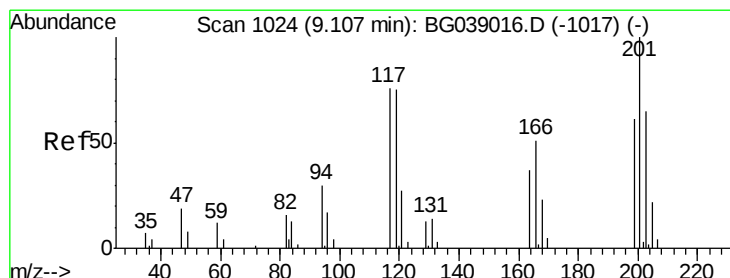
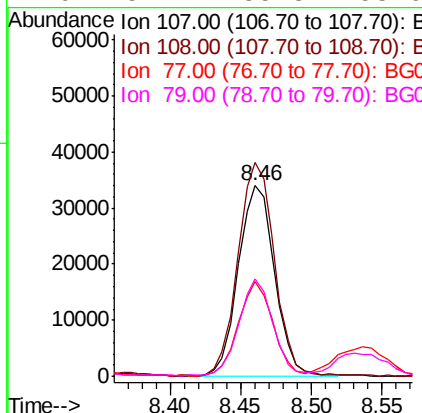
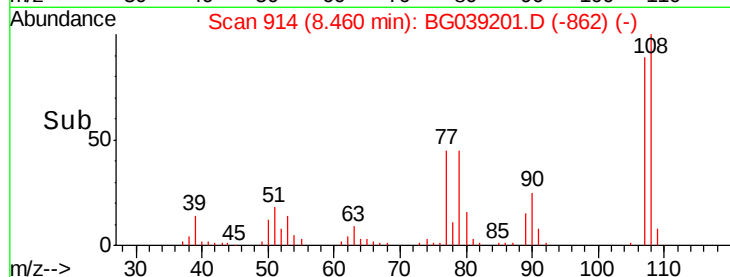
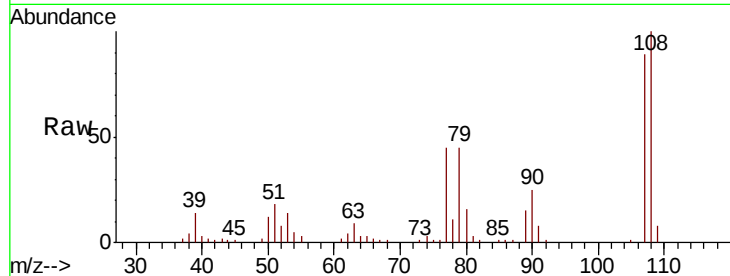
#17
2-Methylphenol
Concen: 39.492 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	61495		
108	112.4	90.3	135.5	
77	50.0	38.3	57.5	
79	51.1	35.8	53.6	

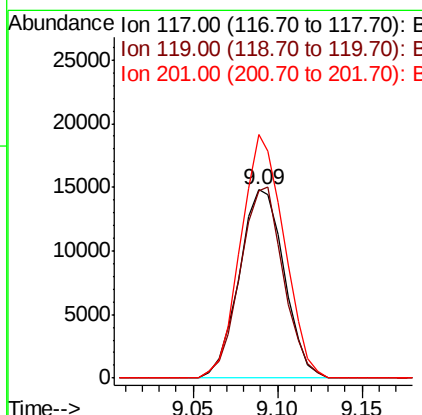
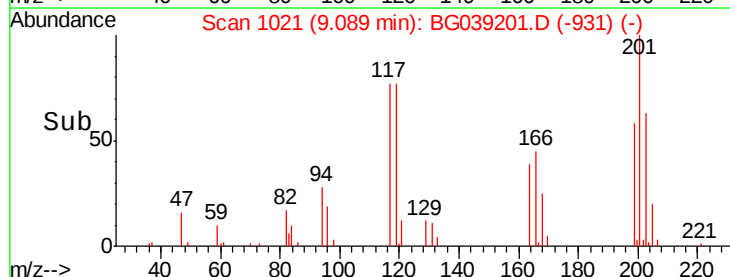
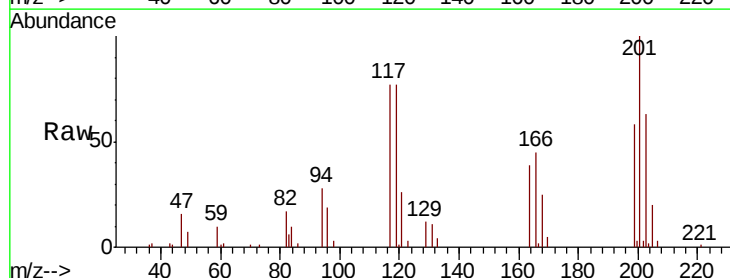
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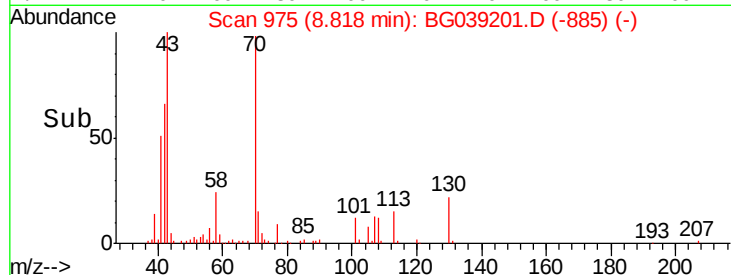
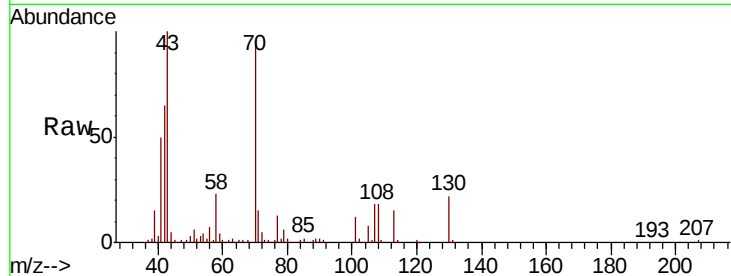
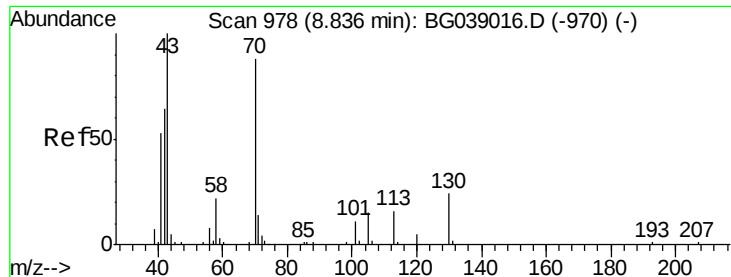
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#18
Hexachloroethane
Concen: 36.257 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27384		
119	99.3	78.7	118.1	
201	132.9	108.1	162.1	





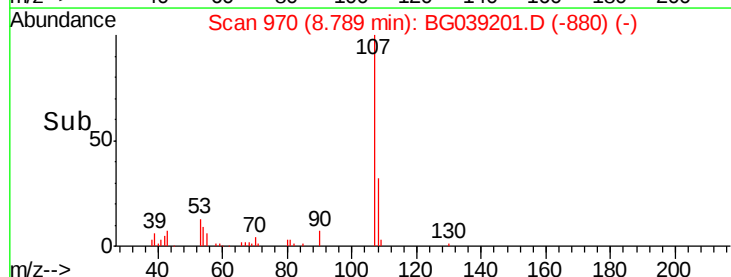
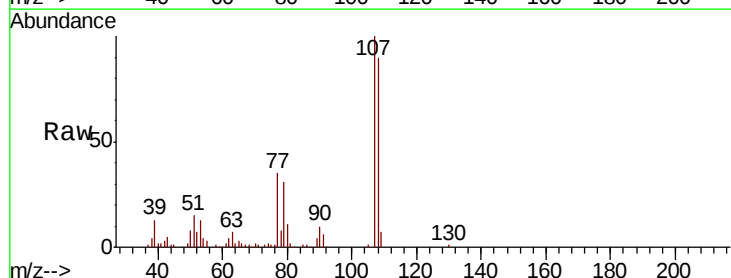
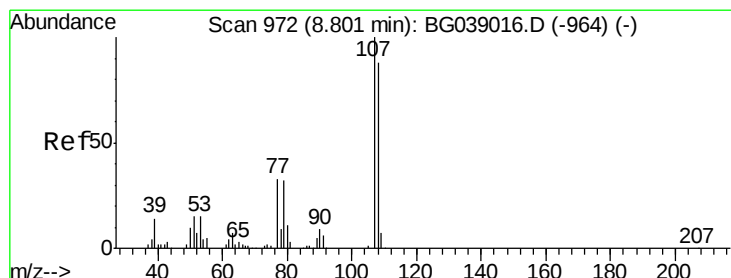
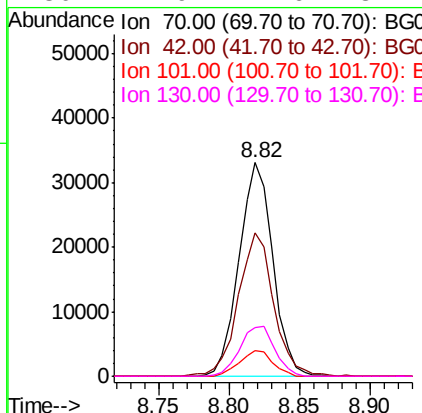
#19
n-Nitroso-di-n-propylamine
Concen: 37.667 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	59.0	88.4
101	12.0	10.4	15.6
130	22.9	21.6	32.4

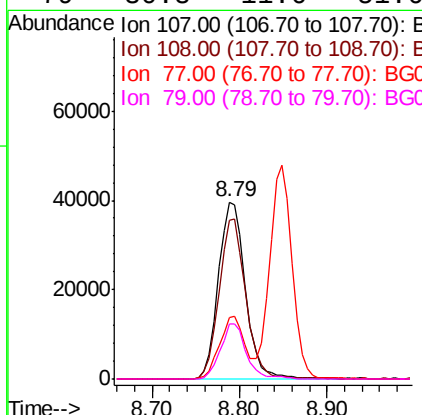
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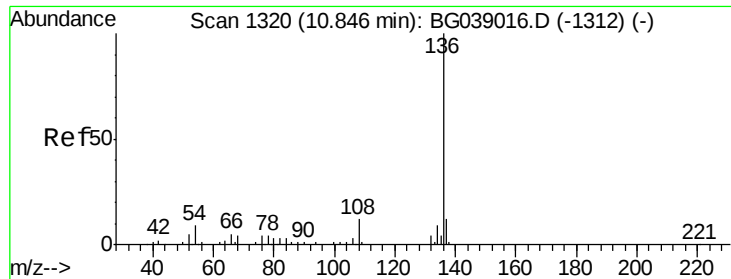
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#20
3+4-Methylphenols
Concen: 37.968 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	34.9	13.3	53.3
79	30.8	11.6	51.6





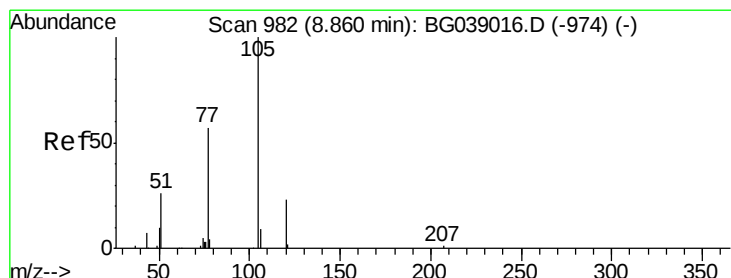
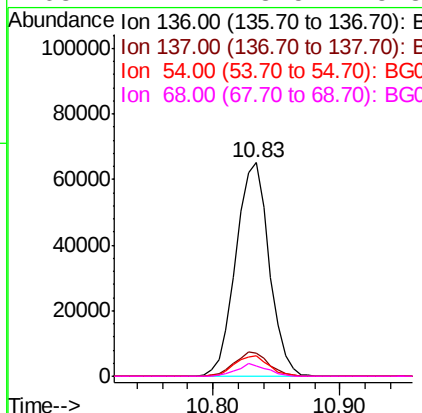
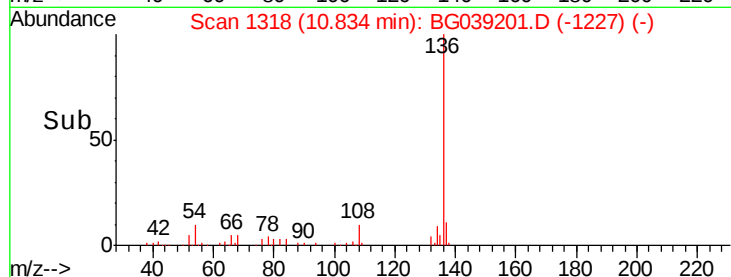
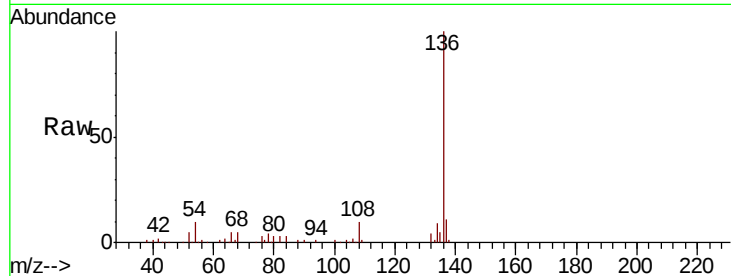
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	118475		
137	11.0	9.4	14.2	
54	9.8	7.2	10.8	
68	4.7	3.5	5.3	

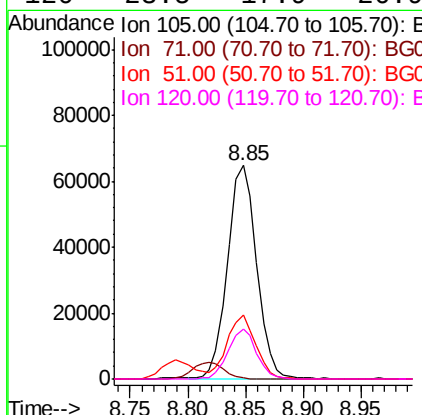
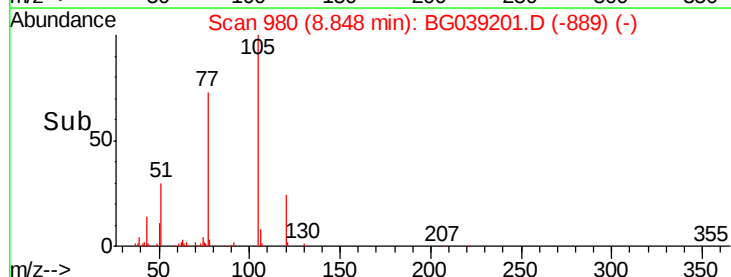
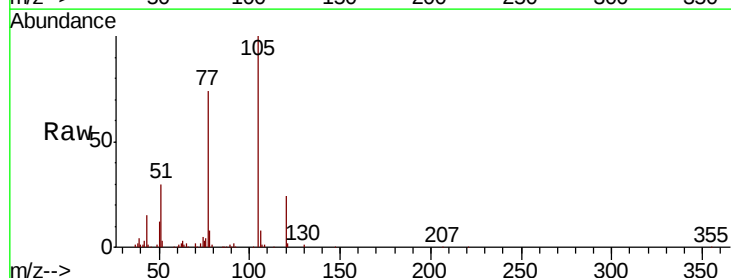
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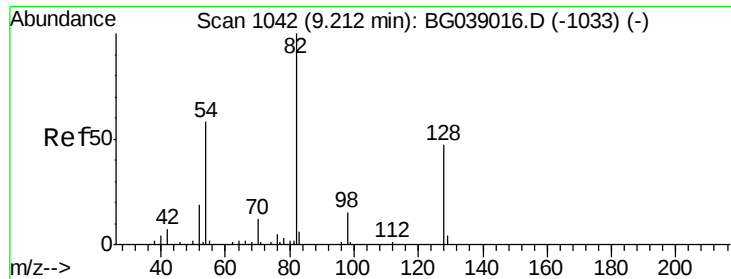
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#22
Acetophenone
Concen: 36.695 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113534		
71	0.4	0.6	1.0#	
51	30.2	26.6	39.8	
120	23.5	17.9	26.9	





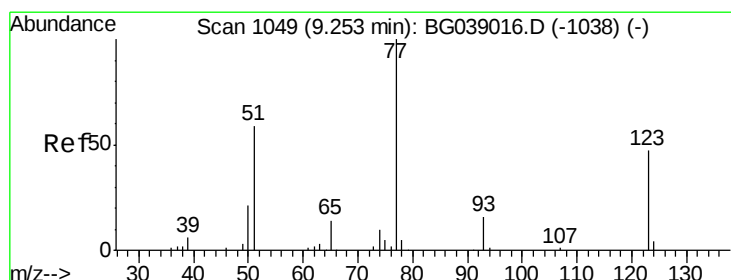
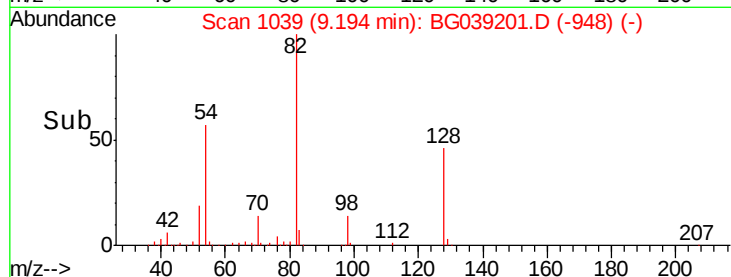
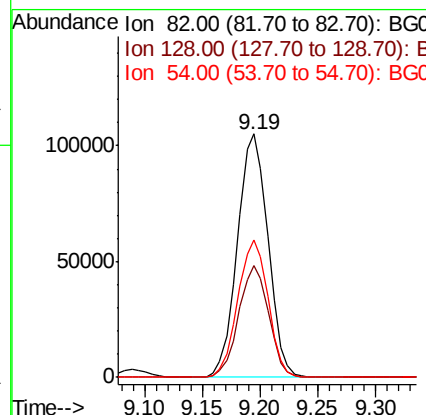
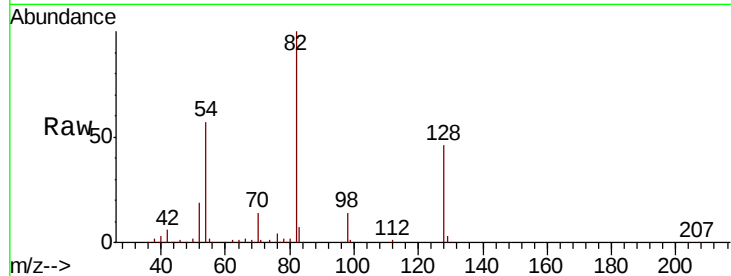
#23
Nitrobenzene-d5
Concen: 89.321 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	193393		
128	46.1	37.3	55.9	
54	56.5	46.4	69.6	

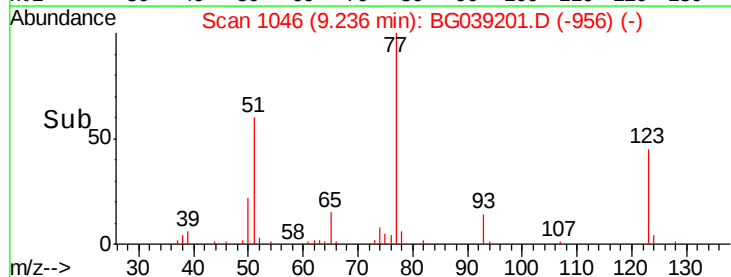
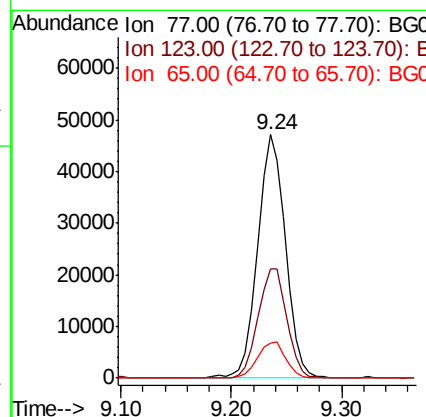
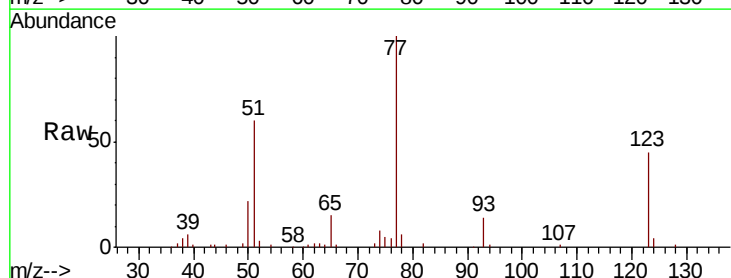
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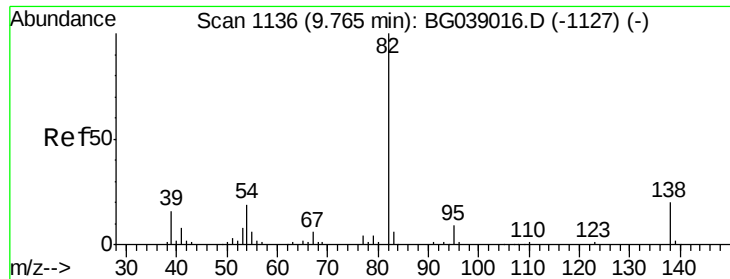
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#24
Nitrobenzene
Concen: 38.116 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	83414		
123	45.0	37.6	56.4	
65	14.6	11.0	16.6	





#25

Isophorone

Concen: 43.893 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

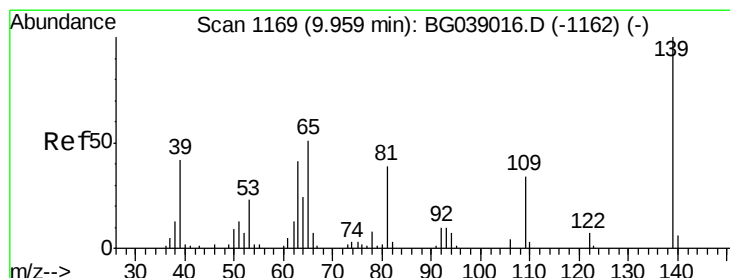
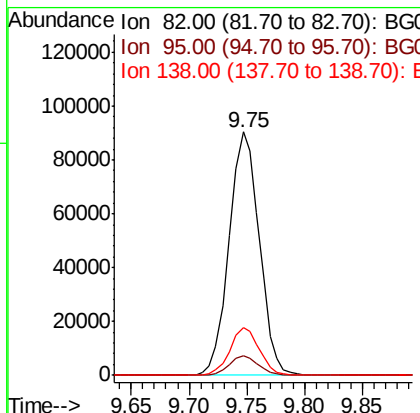
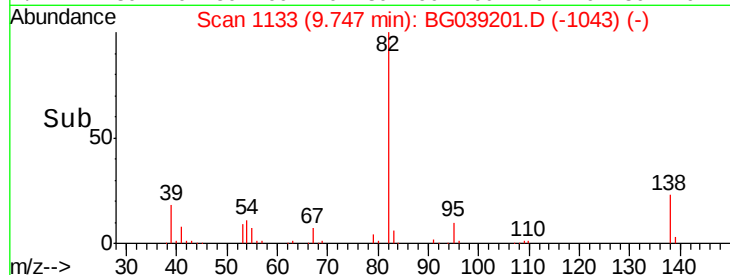
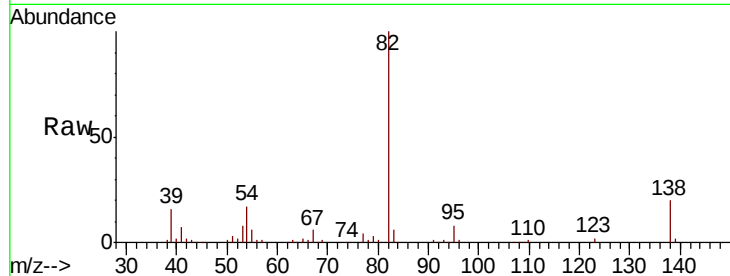
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	82	Resp:	163702
Ion Ratio	Lower	Upper	
82	100		
95	8.1	7.0	10.6
138	19.6	16.2	24.4

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#26

2-Nitrophenol

Concen: 37.785 ng

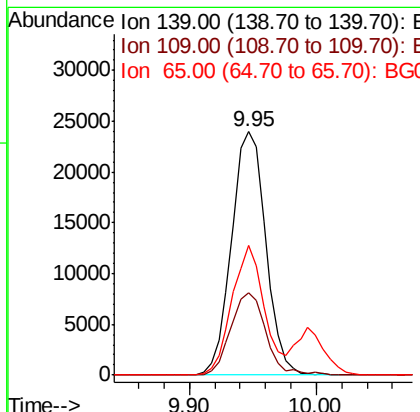
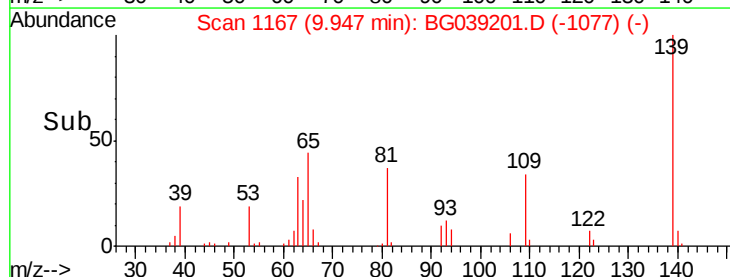
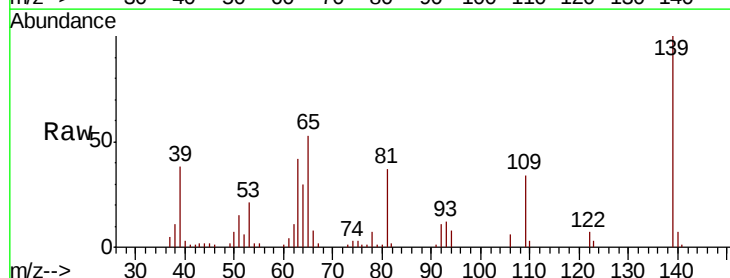
RT: 9.95 min Scan# 1167

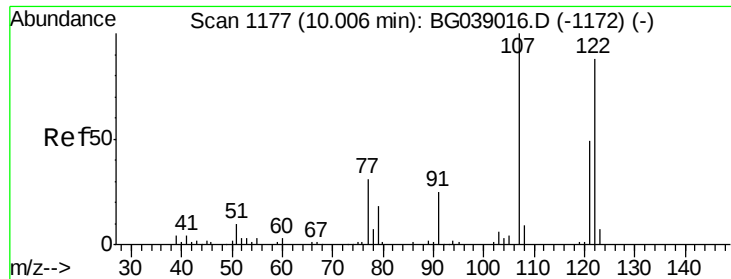
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	139	Resp:	44727
Ion Ratio	Lower	Upper	
139	100		
109	33.9	27.3	40.9
65	53.4	40.6	61.0





#27

2,4-Dimethylphenol

Concen: 44.454 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

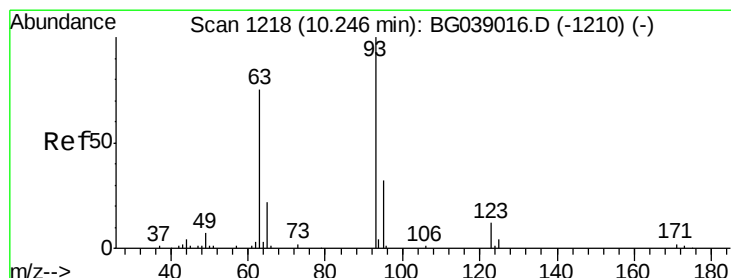
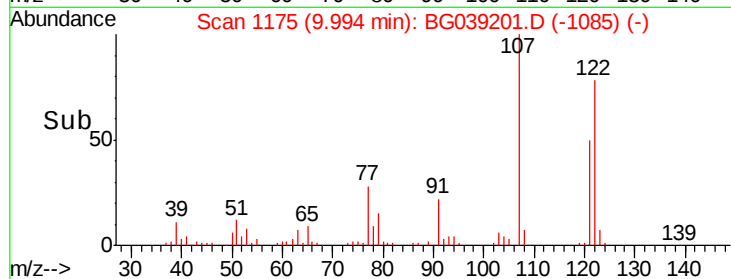
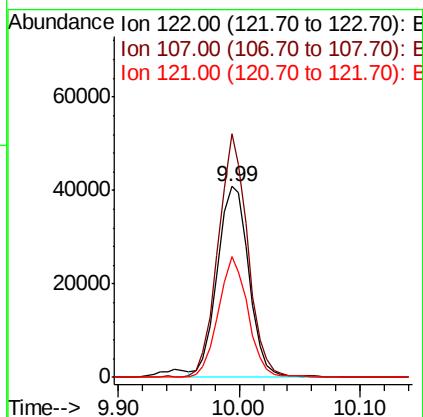
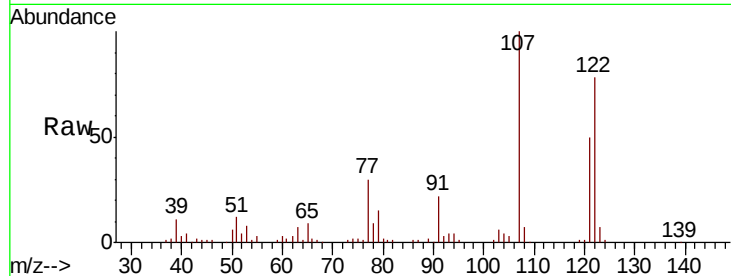
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	127.7	88.8	133.2		
121	63.4	43.1	64.7		

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#28

bis(2-Chloroethoxy)methane

Concen: 43.649 ng

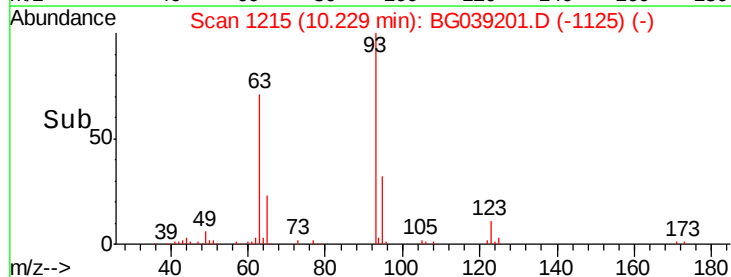
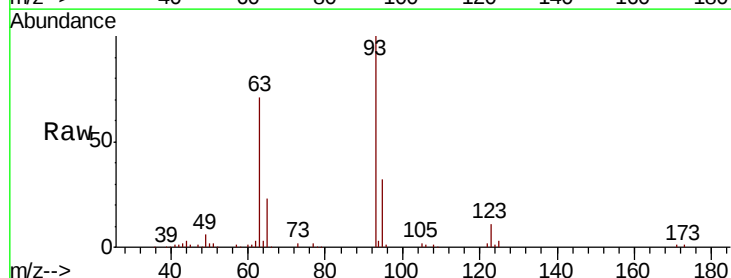
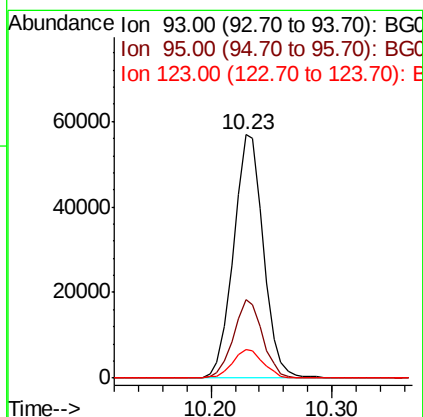
RT: 10.23 min Scan# 1215

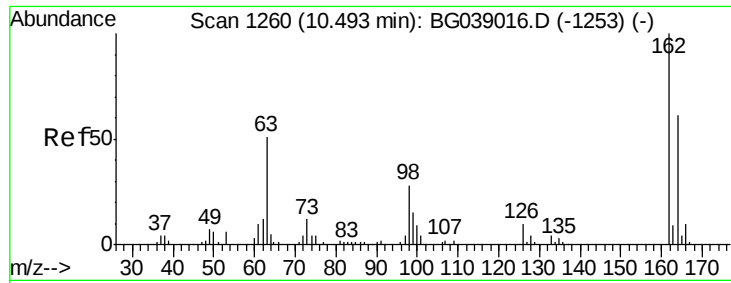
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.1	25.6	38.4		
123	11.5	10.1	15.1		





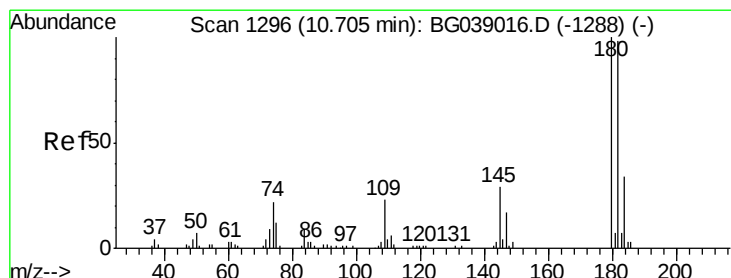
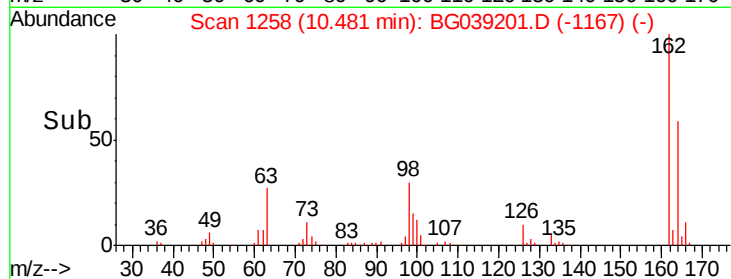
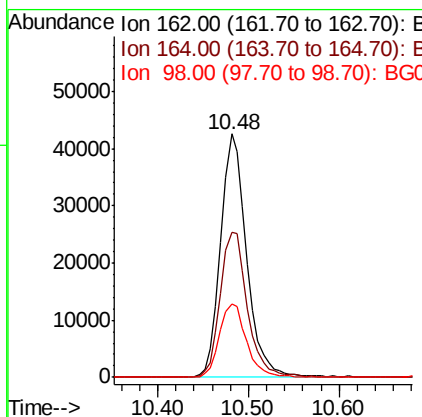
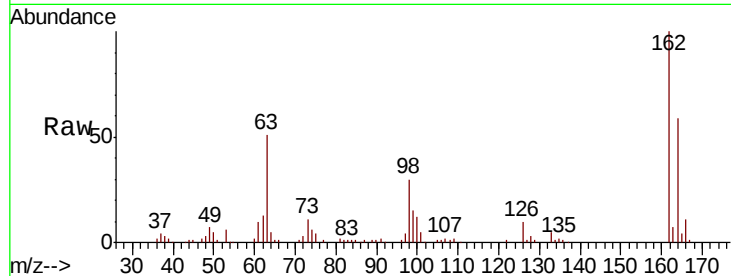
#29
 2,4-Dichlorophenol
 Concen: 40.892 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.4	41.3	81.3
98	29.9	8.3	48.3

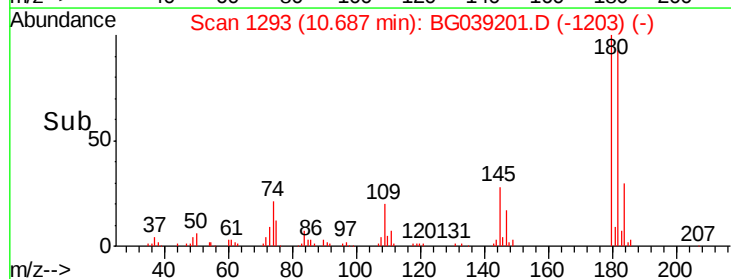
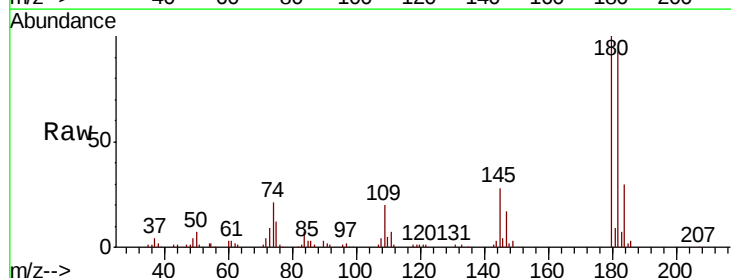
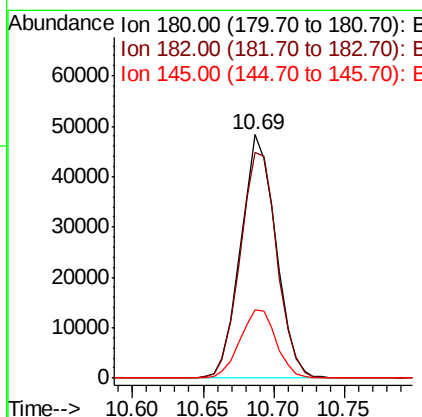
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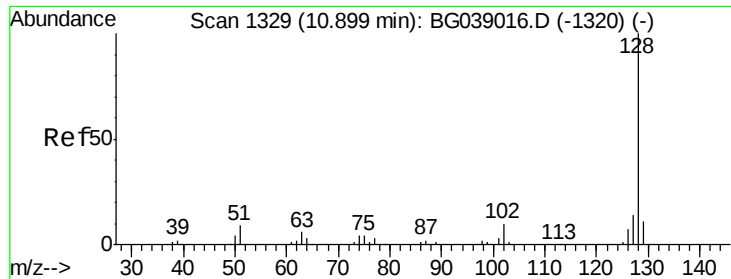
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.958 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	78.1	117.1
145	28.2	23.1	34.7





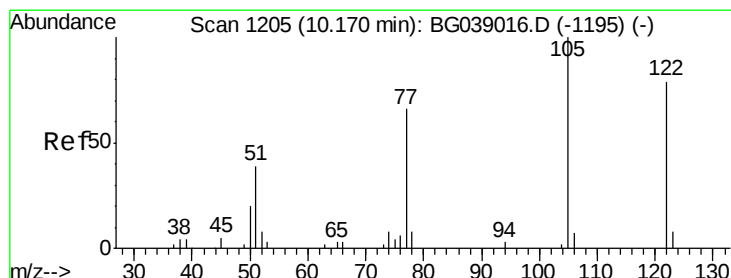
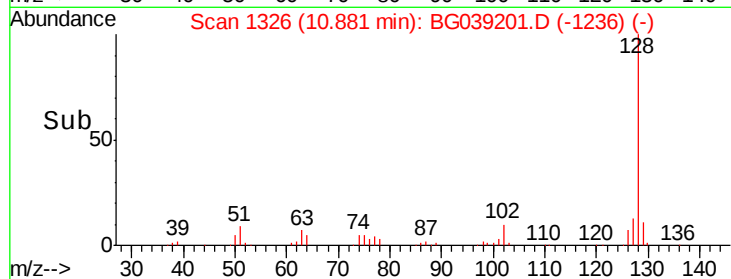
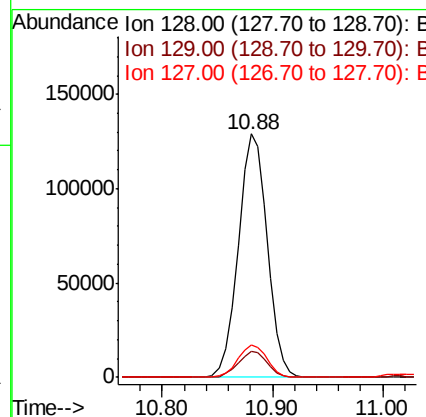
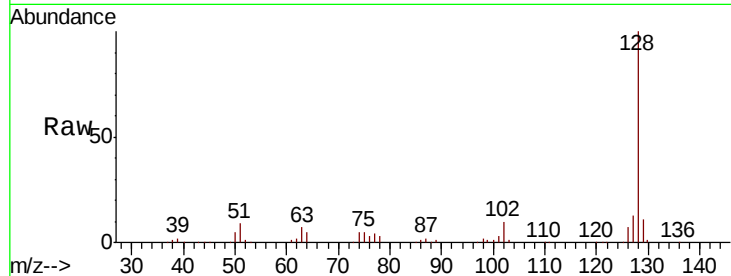
#31
Naphthalene
Concen: 39.771 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.1	11.2	16.8

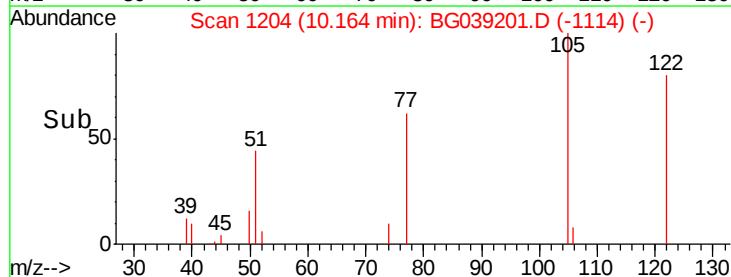
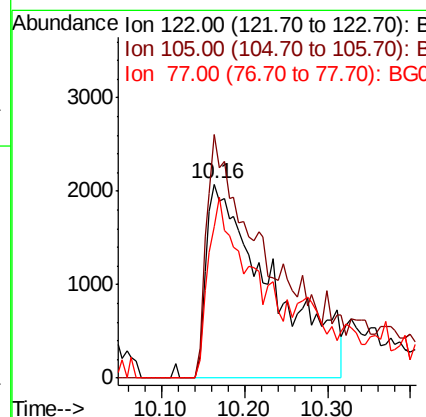
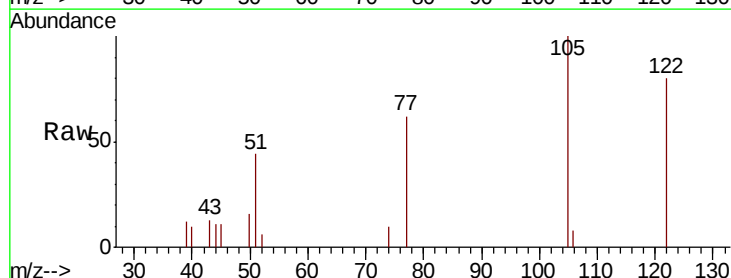
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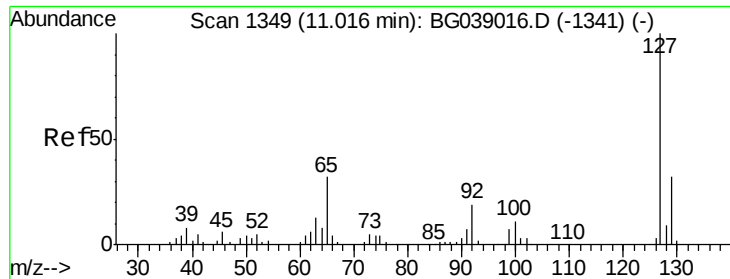
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#32
Benzoic acid
Concen: 18.258 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	106.4	146.4
77	77.9	63.6	103.6





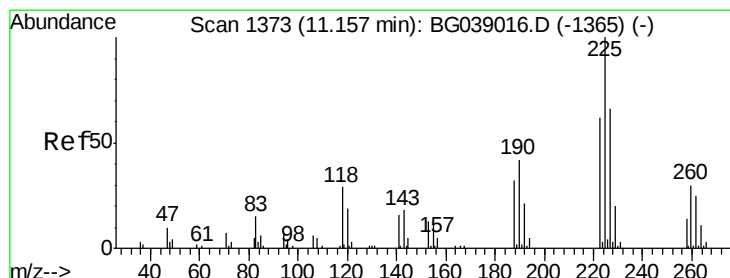
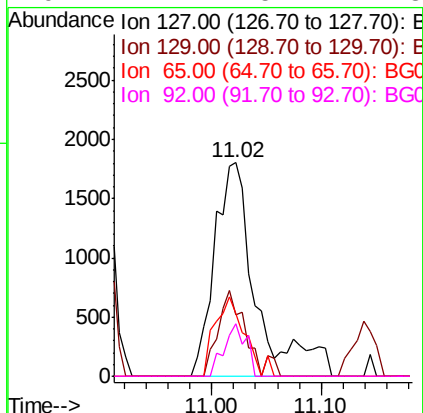
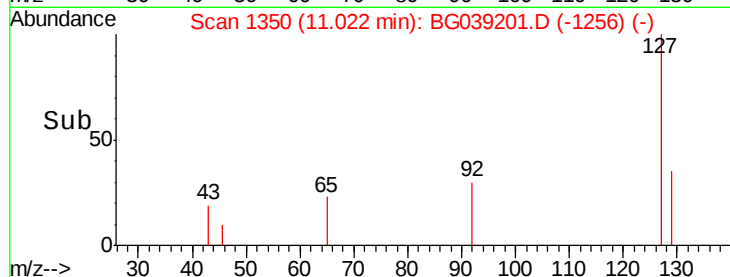
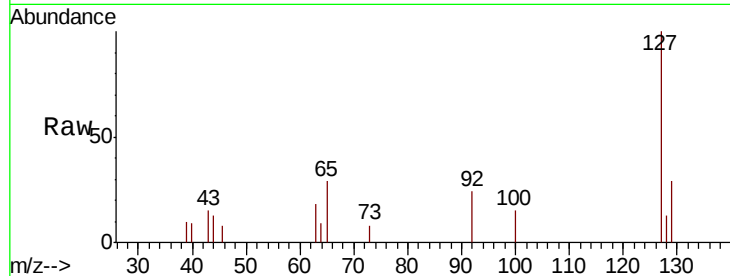
#33
4-Chloroaniline
Concen: 1.791 ng/mL
RT: 11.02 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:	127	Resp:	4762
Ion Ratio	Lower	Upper	
127	100		
129	28.8	25.4	38.0
65	29.1	25.4	38.0
92	24.4	15.2	22.8

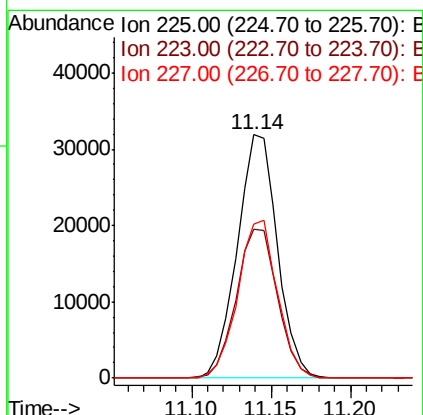
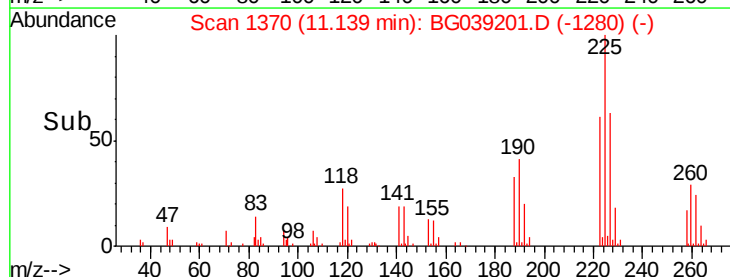
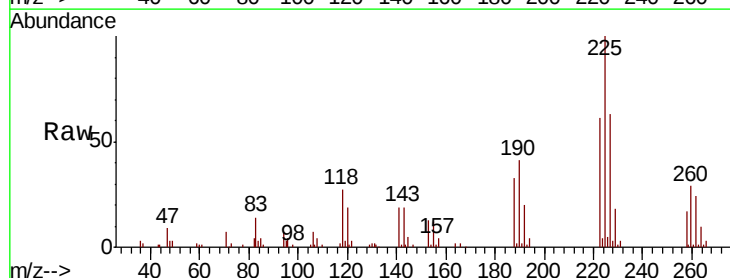
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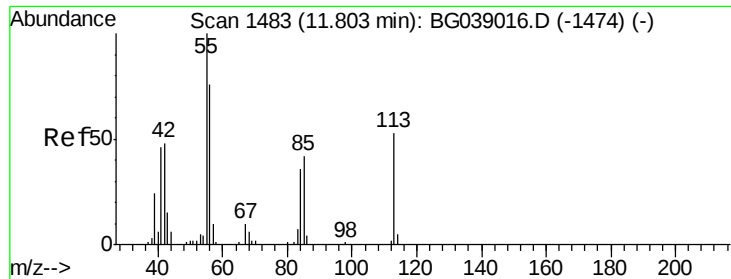
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#34
Hexachlorobutadiene
Concen: 32.701 ng/mL
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:	225	Resp:	55934
Ion Ratio	Lower	Upper	
225	100		
223	58.2	50.2	75.4
227	63.5	53.2	79.8





#35

Caprolactam

Concen: 23.854 ng/ml

RT: 11.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:113 Resp: 19790

Ion Ratio Lower Upper

113 100

55 192.9 168.6 208.6

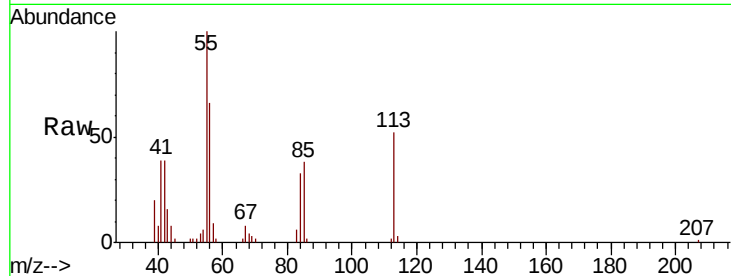
56 126.4 123.2 163.2

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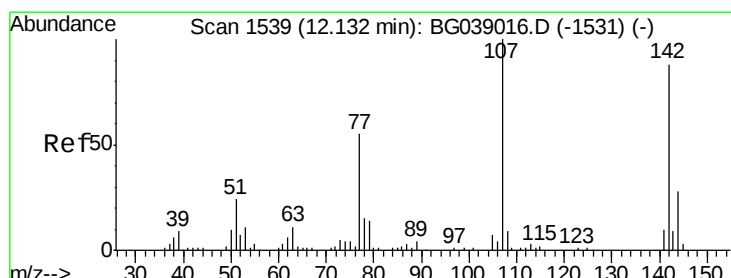
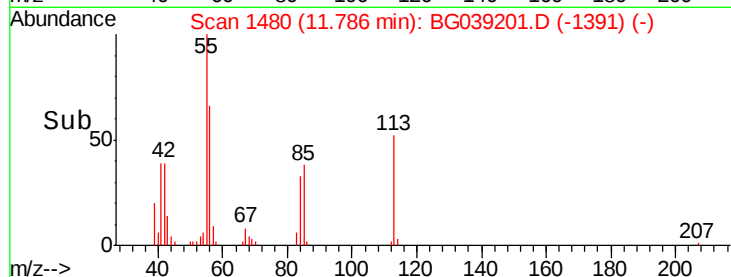
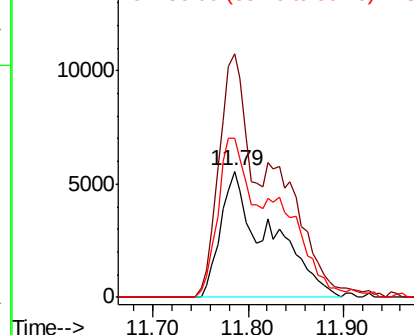


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.494 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

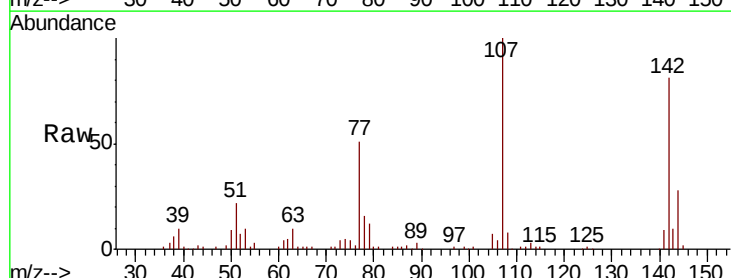
Tgt Ion:107 Resp: 87393

Ion Ratio Lower Upper

107 100

144 28.1 22.6 34.0

142 81.3 70.2 105.4

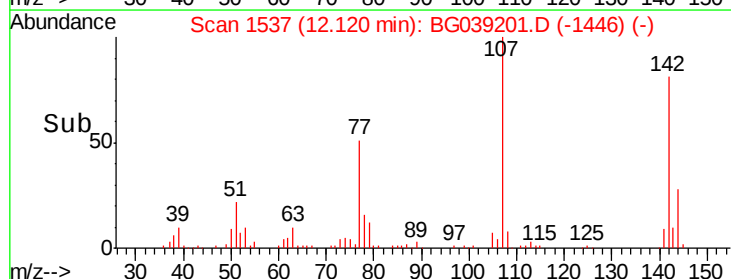
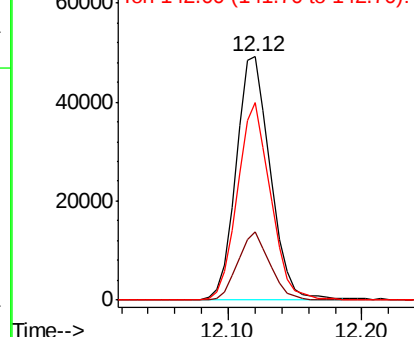


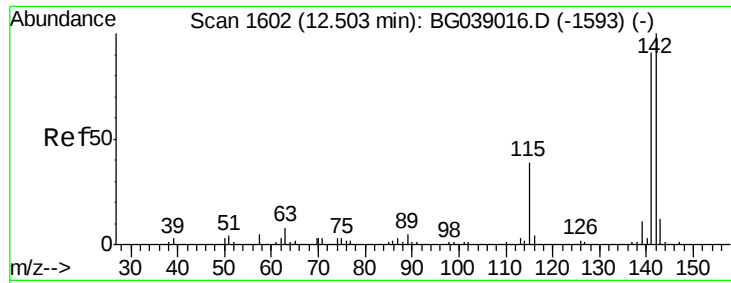
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





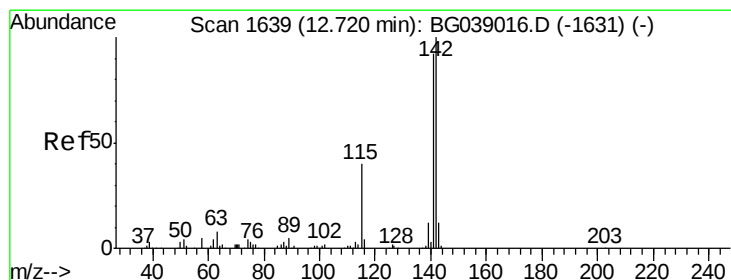
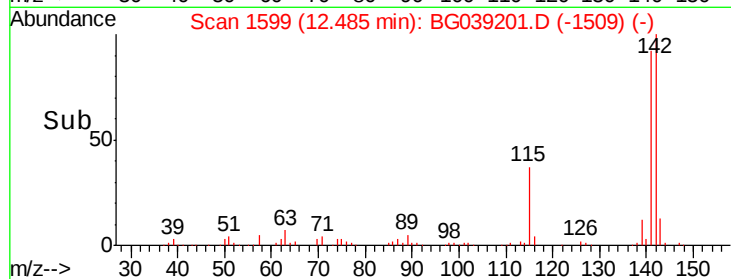
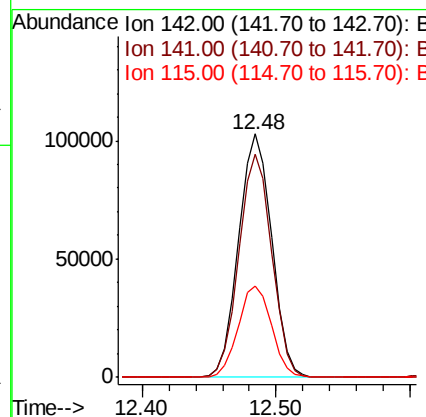
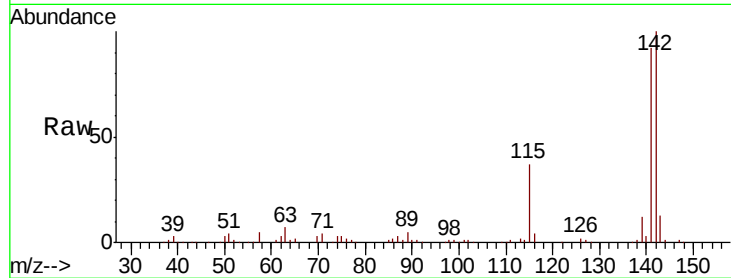
#37
2-Methylnaphthalene
Concen: 39.672 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	109.0
115	37.4	31.1	46.7

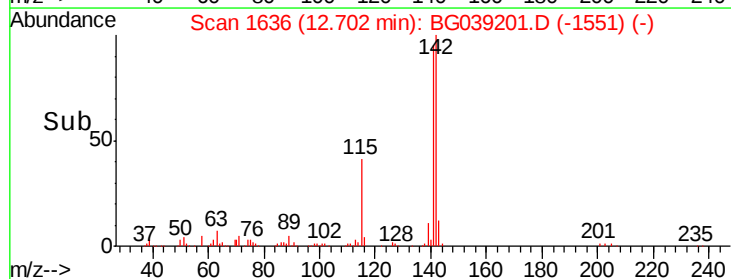
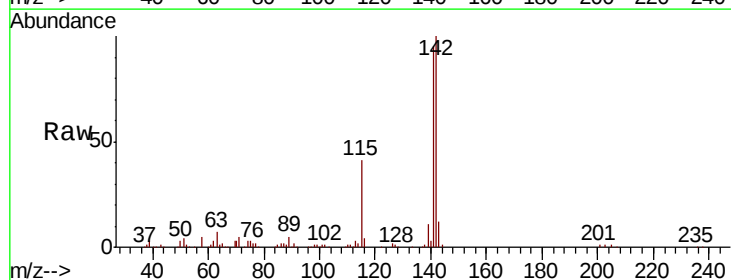
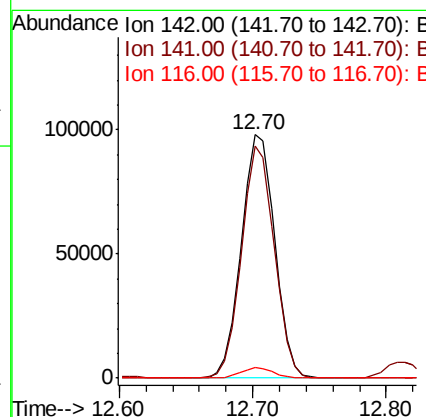
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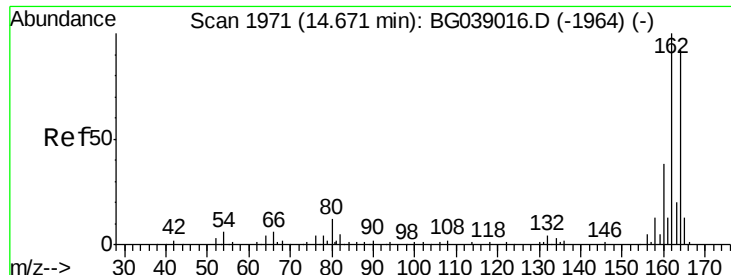
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#38
1-Methylnaphthalene
Concen: 39.708 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	73.3	109.9
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:164 Resp: 80462

Ion Ratio Lower Upper

164 100

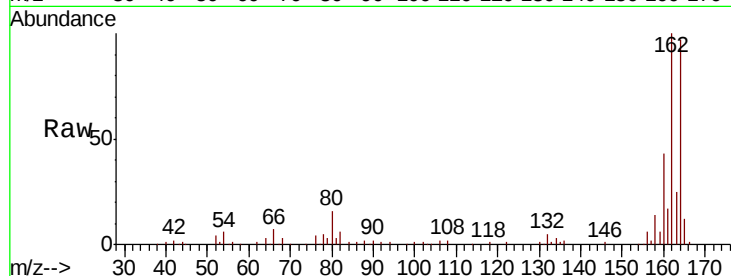
162 103.3 87.2 130.8

160 44.2 33.3 49.9

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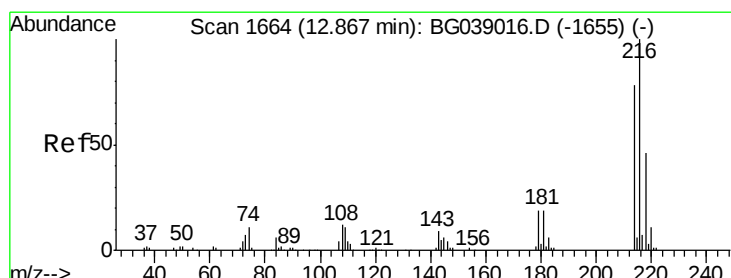
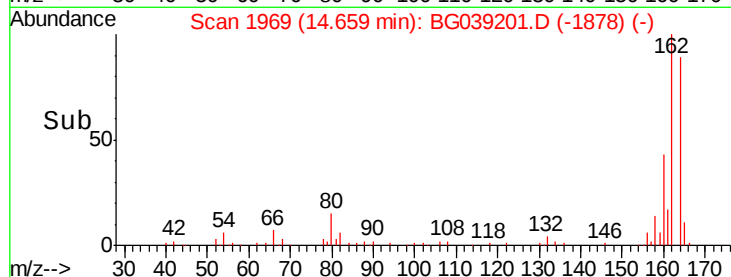
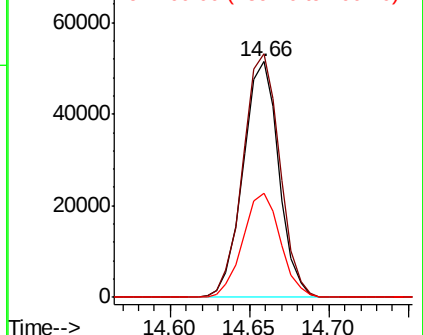


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.442 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:216 Resp: 107098

Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 20.2 15.5 23.3

108 16.0 11.4 17.2

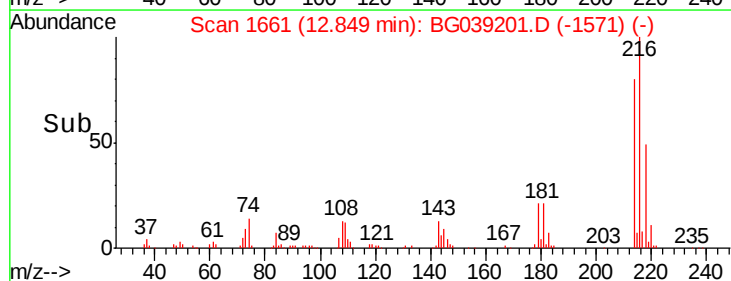
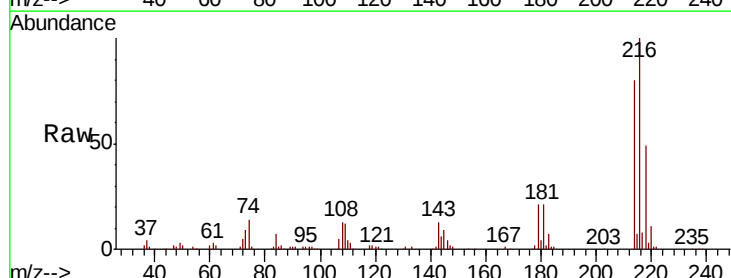
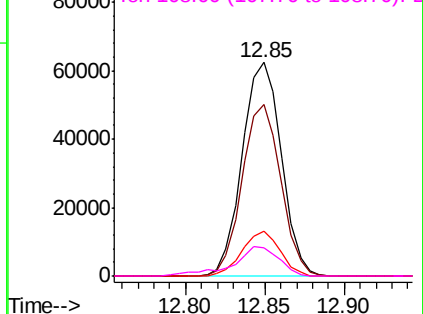
Abundance

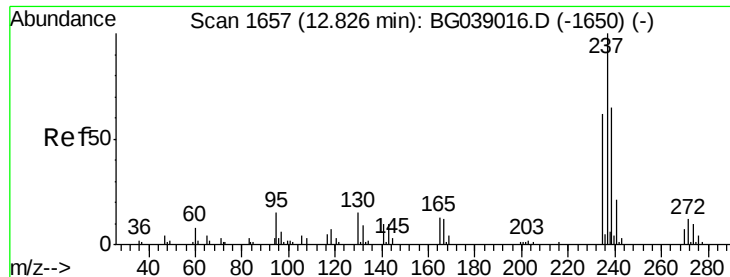
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.893 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

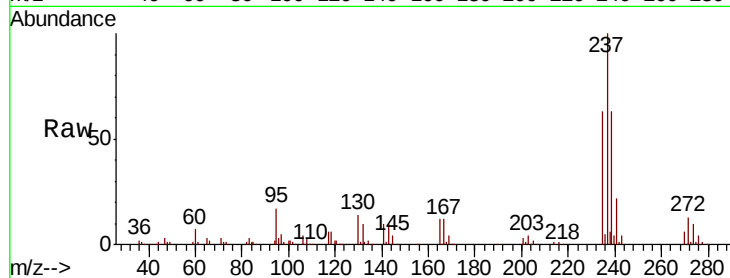
ClientSampleId :

RBR200044-RBR200027MSD

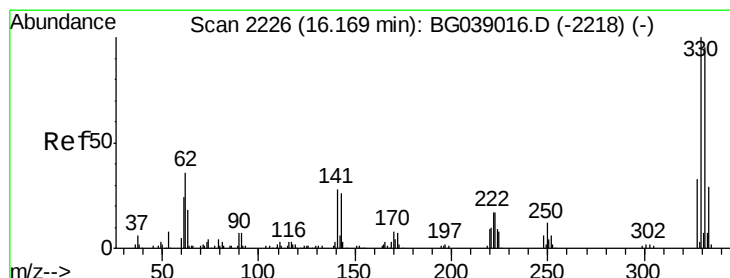
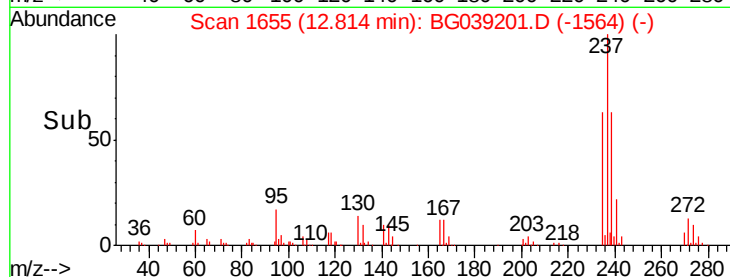
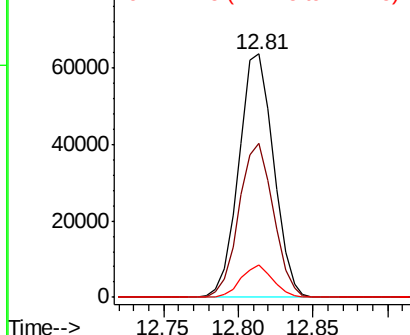
Tot Ion:	237	Resp:	102957
Ion Ratio		Lower	Upper
237	100		
235	63.1	41.7	81.7
272	13.3	0.0	32.1

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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: 124.649 ng

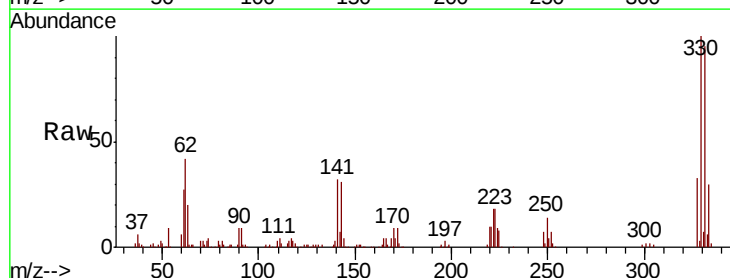
RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

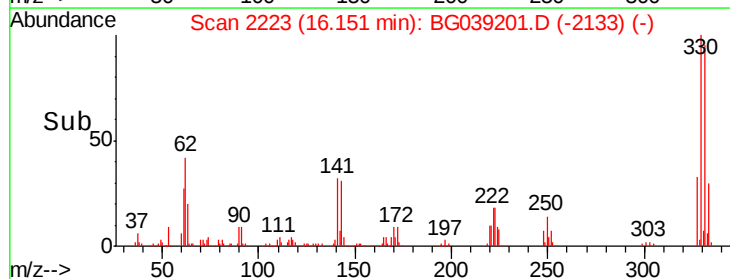
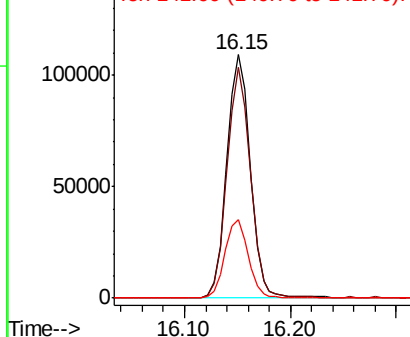
Lab File: BG039201.D

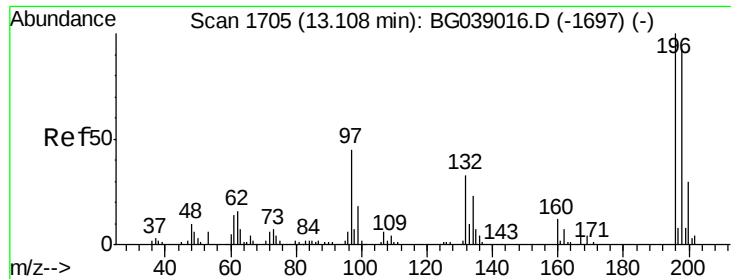
Acq: 18 Jan 2019 2:30

Tgt Ion:	330	Resp:	168122
Ion Ratio		Lower	Upper
330	100		
332	94.6	75.7	113.5
141	32.1	24.9	37.3



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





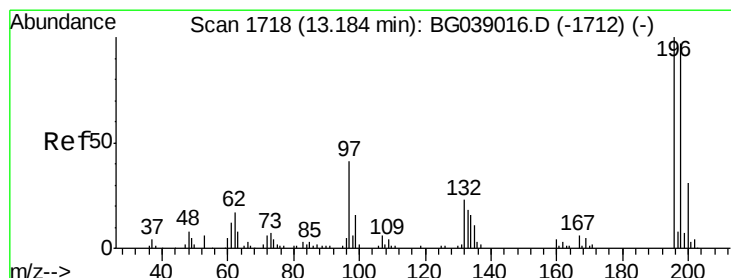
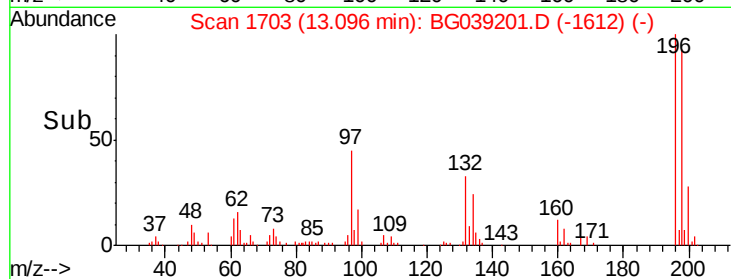
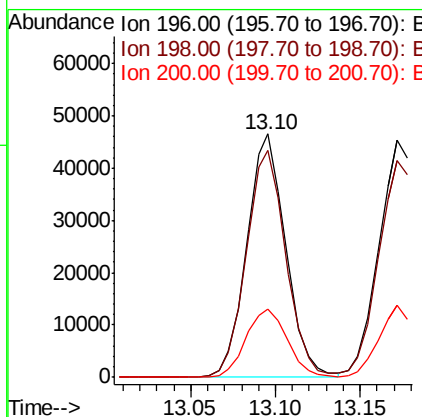
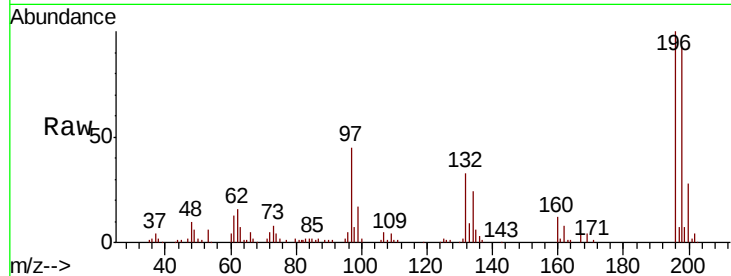
#43
 2,4,6-Trichlorophenol
 Concen: 39.130 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.5	111.7
200	28.0	23.8	35.6

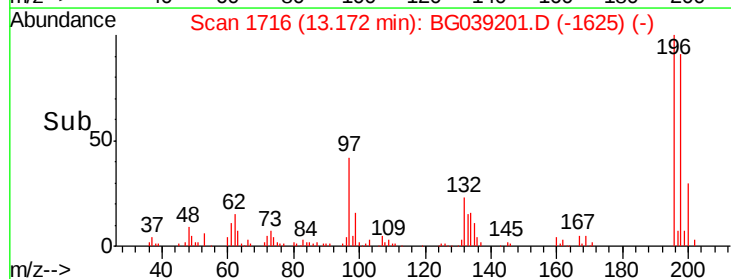
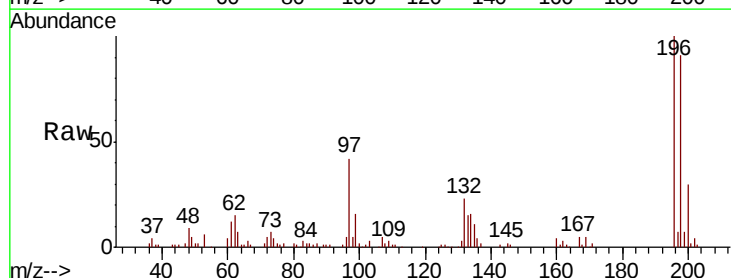
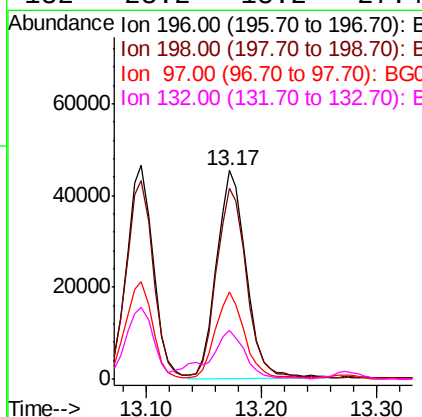
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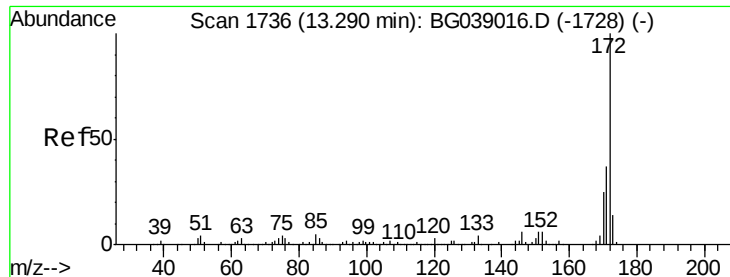
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#44
 2,4,5-Trichlorophenol
 Concen: 39.884 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.4	78.1	117.1
97	42.0	33.2	49.8
132	23.2	18.2	27.4





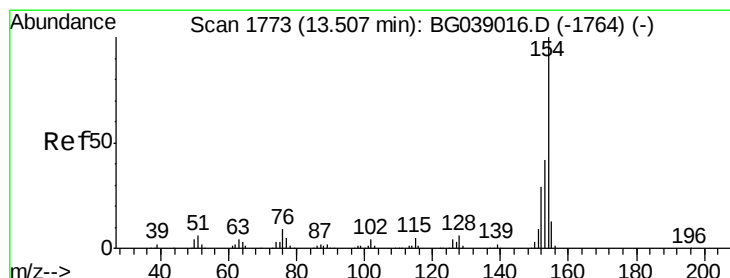
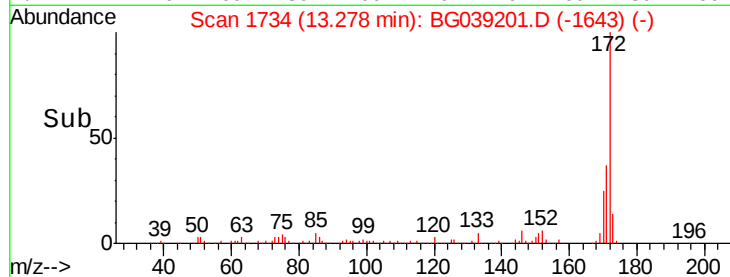
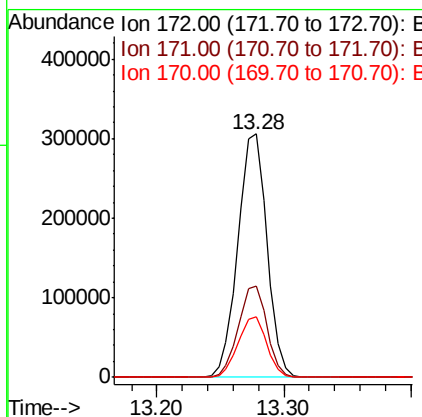
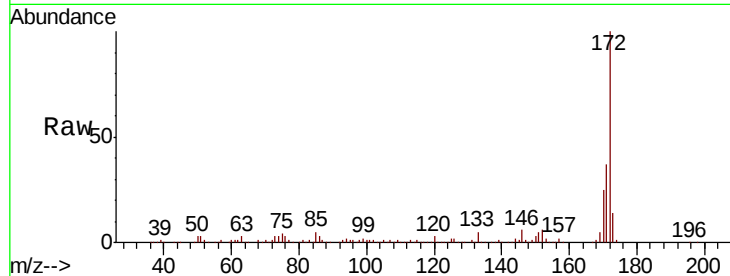
#45
2-Fluorobiphenyl
Concen: 82.698 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.0
170	24.9	20.1	30.1

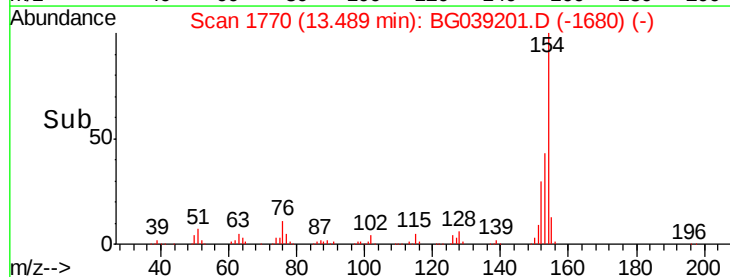
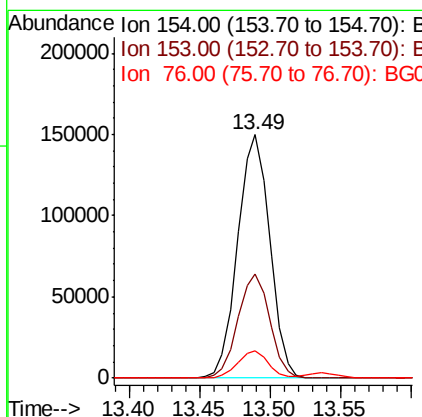
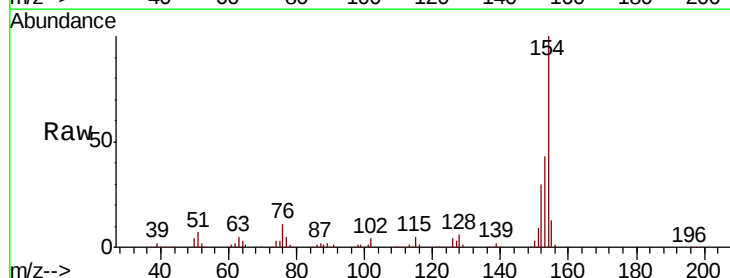
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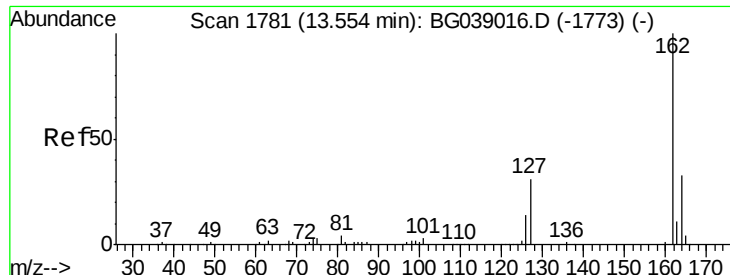
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#46
1,1'-Biphenyl
Concen: 37.432 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.4	62.4
76	11.3	0.0	29.4





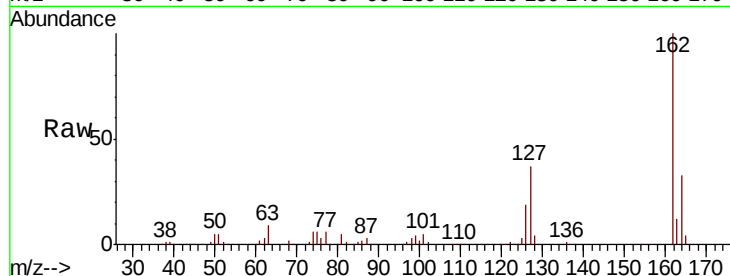
#47
 2-Chloronaphthalene
 Concen: 36.921 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	28.4	42.6
164	33.2	26.3	39.5

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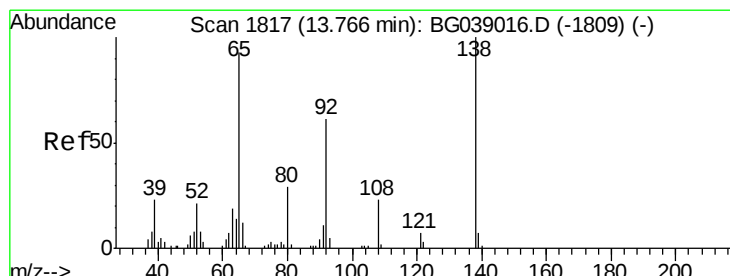
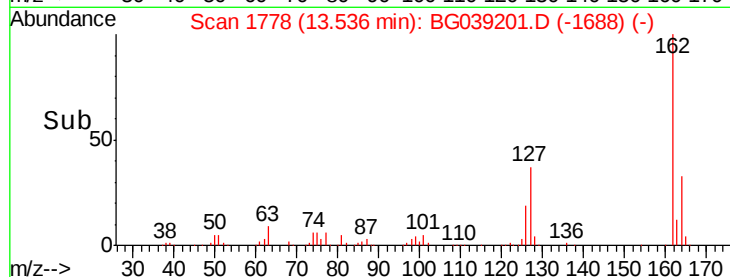
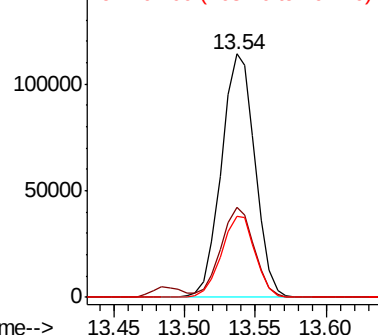


Abundance

Ion 162.00 (161.70 to 162.70): E

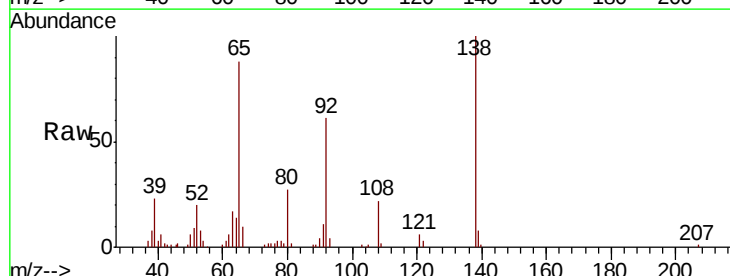
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.230 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	52.2	78.4
138	114.2	86.0	129.0

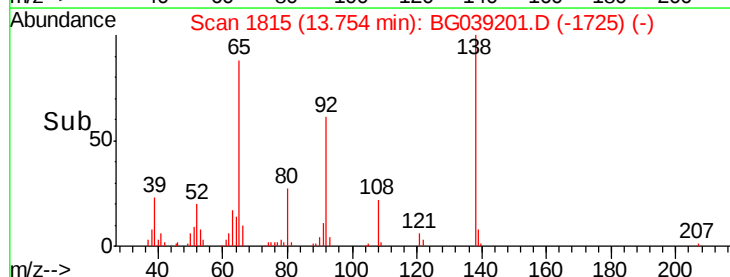
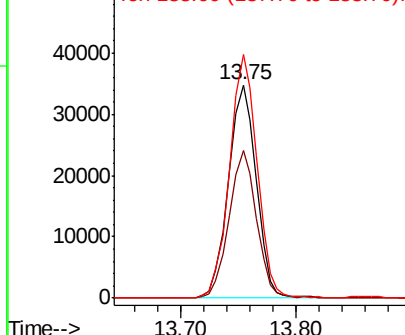


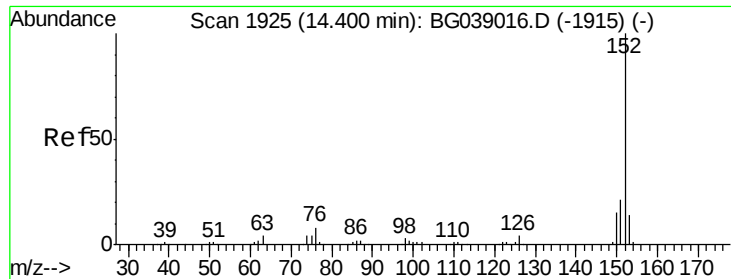
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.375 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

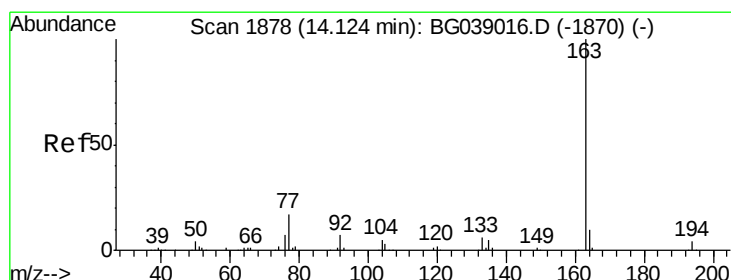
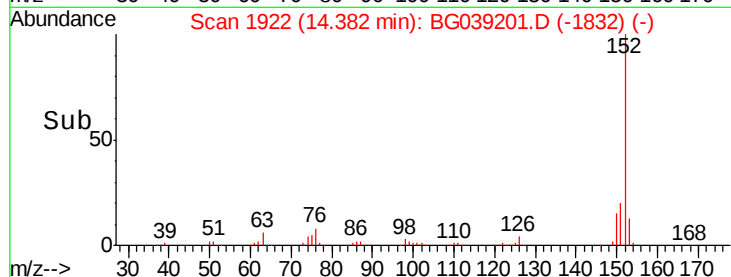
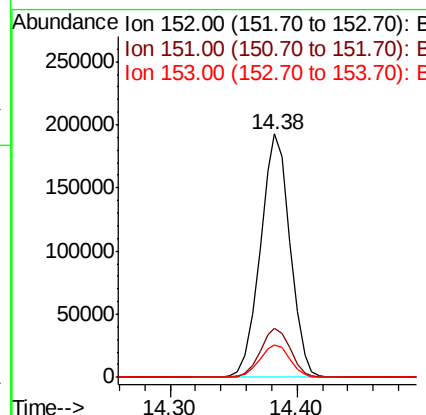
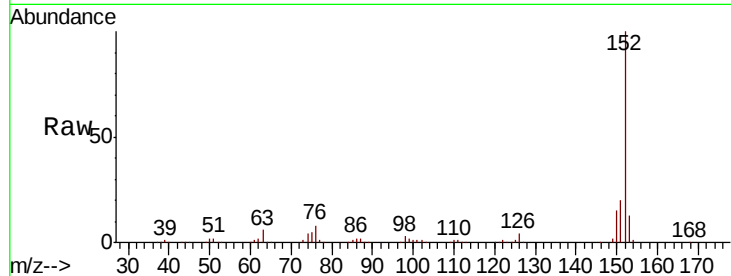
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	152	Resp:	313102
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.0	25.4
153	13.3	11.2	16.8

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#50

Dimethylphthalate

Concen: 38.781 ng

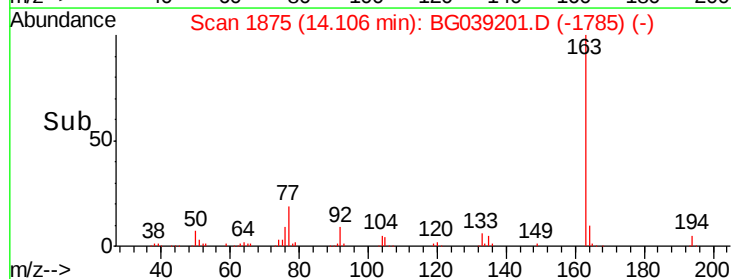
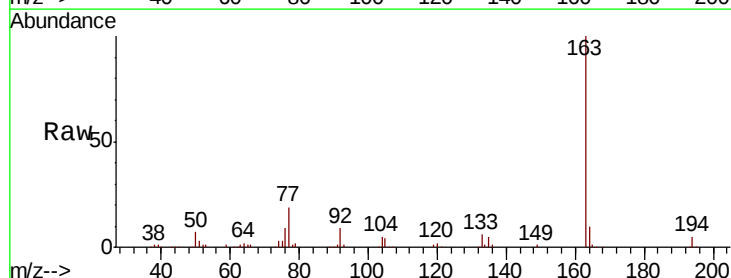
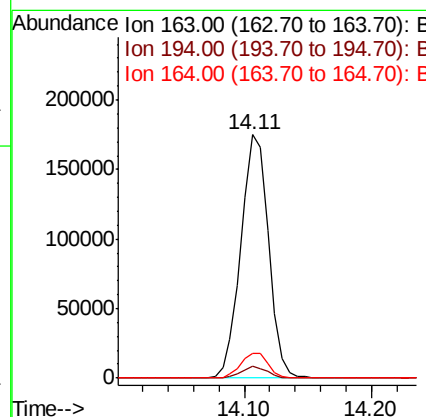
RT: 14.11 min Scan# 1875

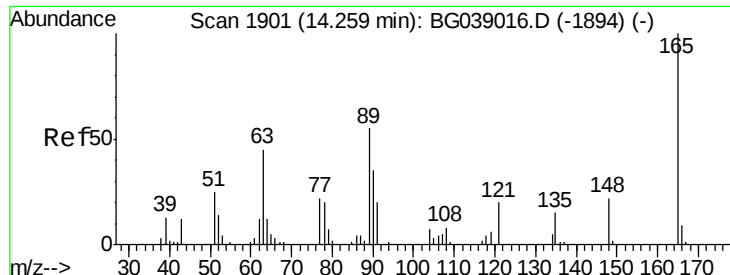
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	163	Resp:	263688
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.6	5.4
164	10.4	8.2	12.2





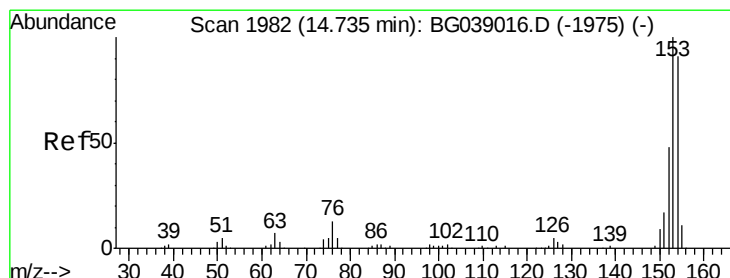
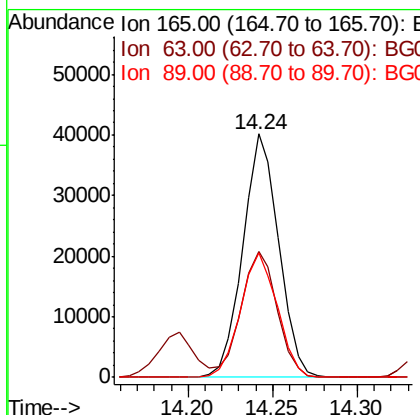
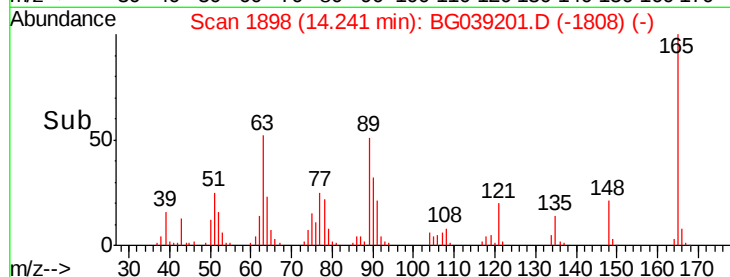
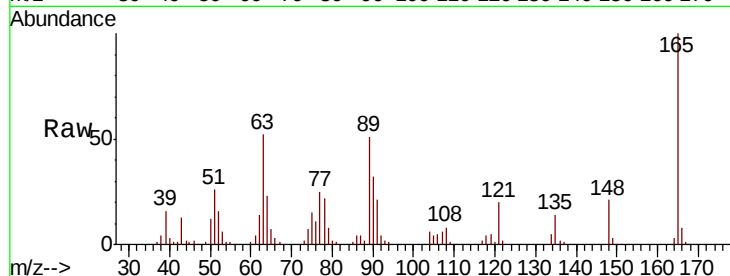
#51
2,6-Dinitrotoluene
Concen: 38.983 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	43.6	65.4
89	51.4	43.7	65.5

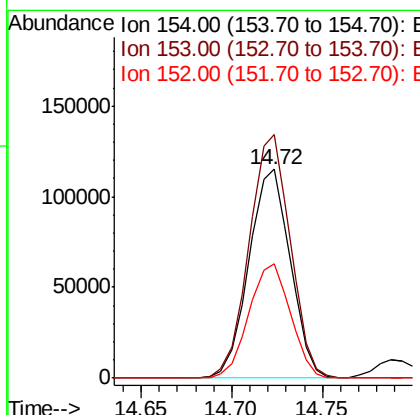
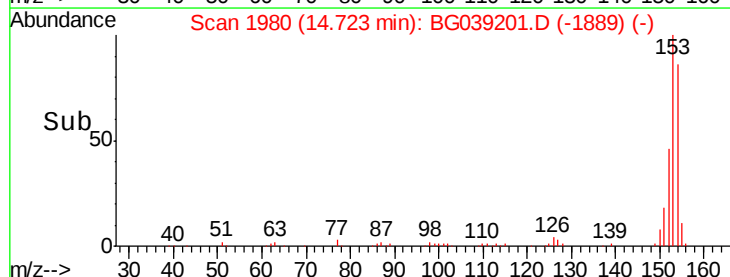
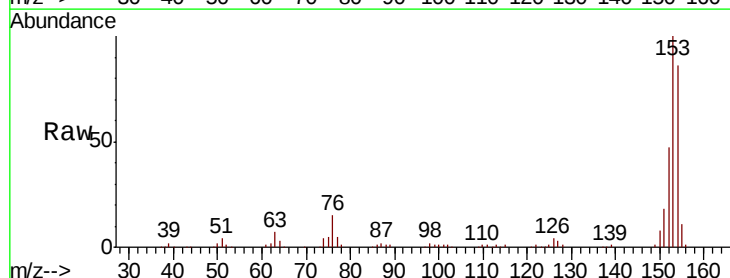
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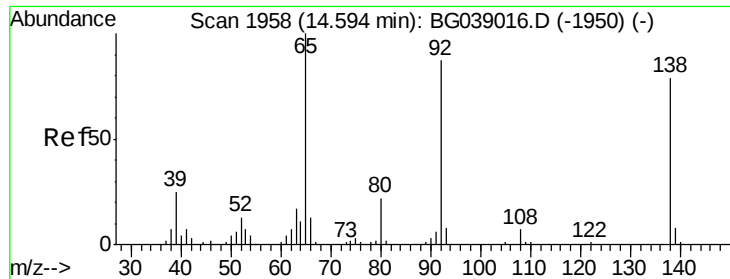
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#52
Acenaphthene
Concen: 39.168 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.8	87.9	131.9
152	55.1	42.2	63.2





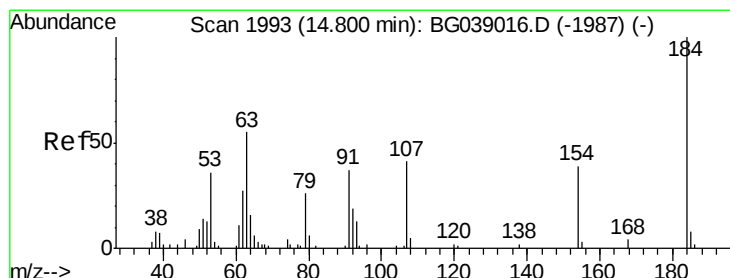
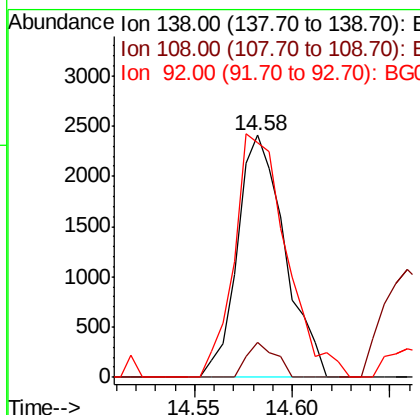
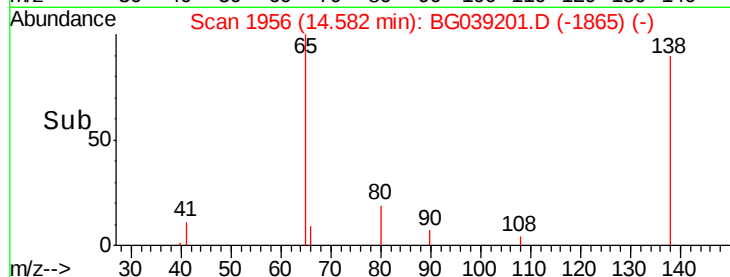
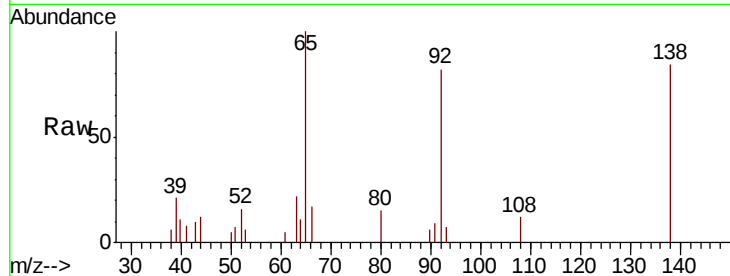
#53
3-Nitroaniline
Concen: 2.622 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion:138 Resp: 4044
Ion Ratio Lower Upper
138 100
108 14.2 7.4 11.0#
92 96.9 88.2 132.4

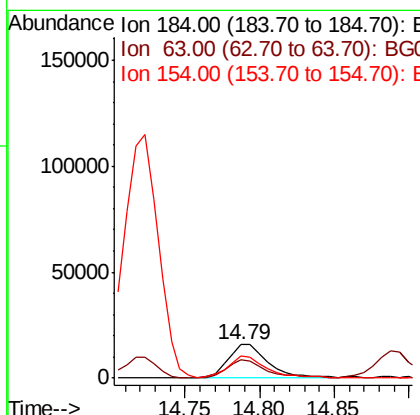
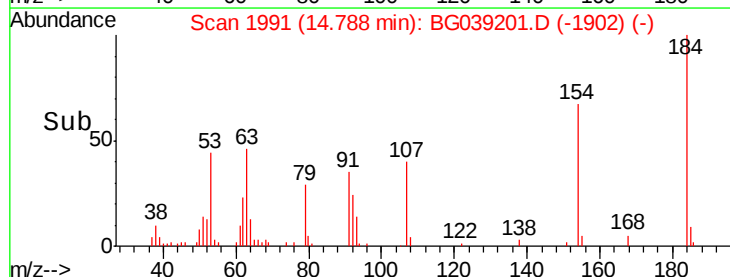
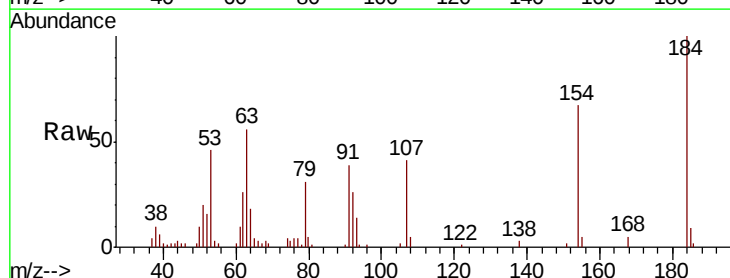
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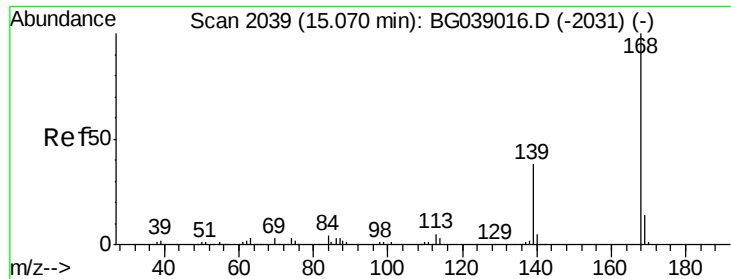
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#54
2,4-Dinitrophenol
Concen: 35.865 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion:184 Resp: 29701
Ion Ratio Lower Upper
184 100
63 55.8 44.0 66.0
154 66.7 46.1 69.1





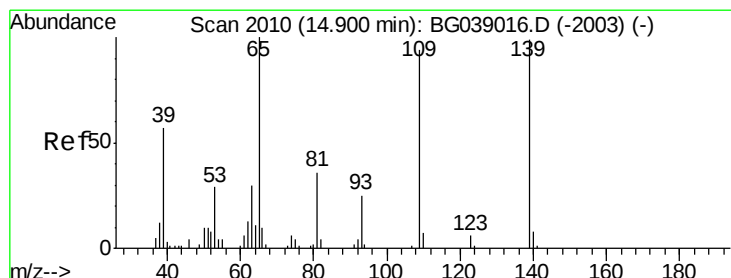
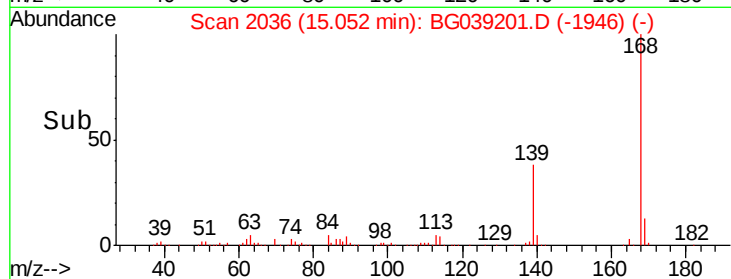
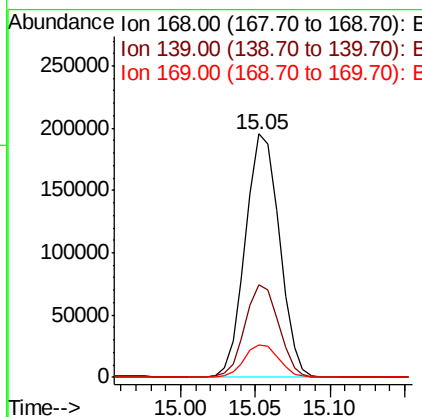
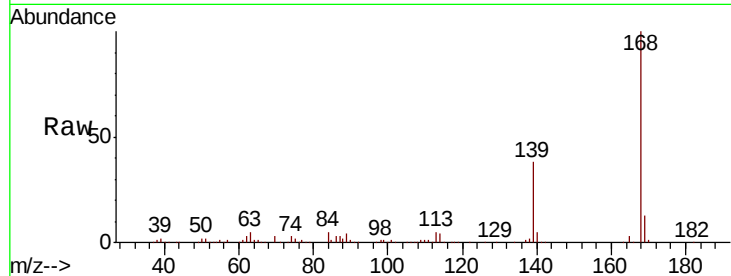
#55
Dibenzofuran
Concen: 37.631 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1
169	13.5	10.9	16.3

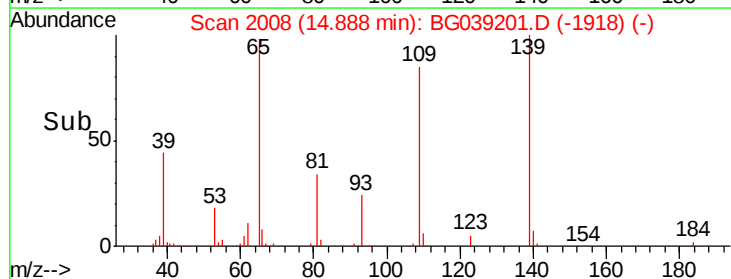
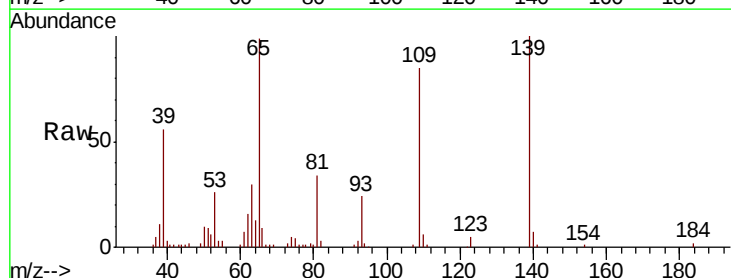
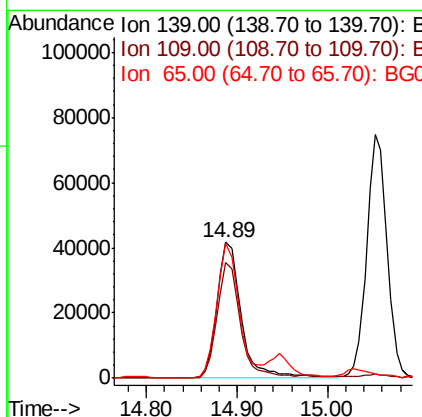
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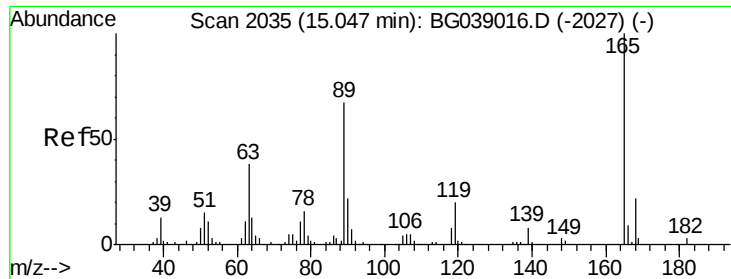
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#56
4-Nitrophenol
Concen: 70.420 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.1	75.6	115.6
65	99.2	81.2	121.2





#57

2,4-Dinitrotoluene

Concen: 39.700 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

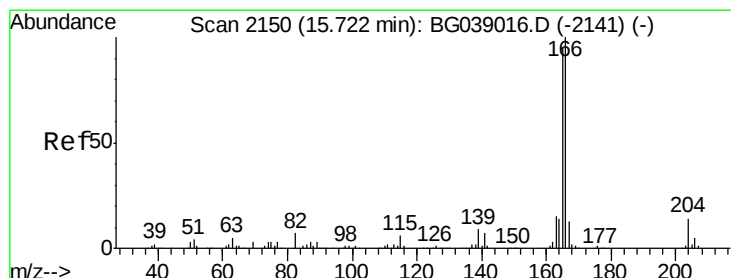
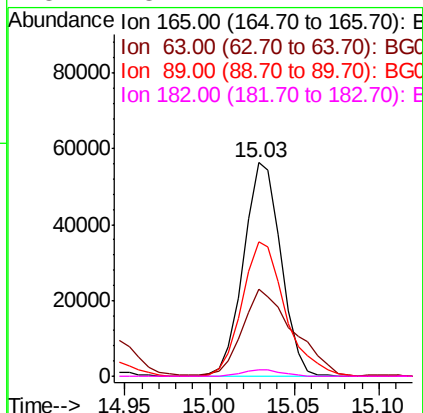
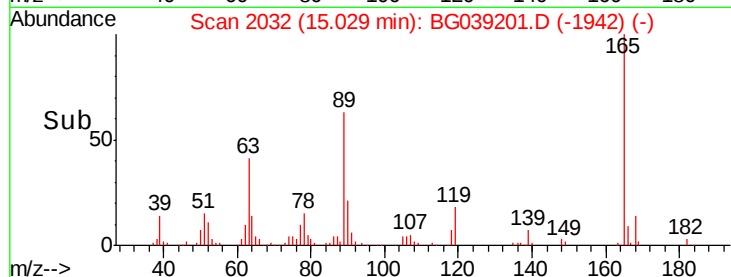
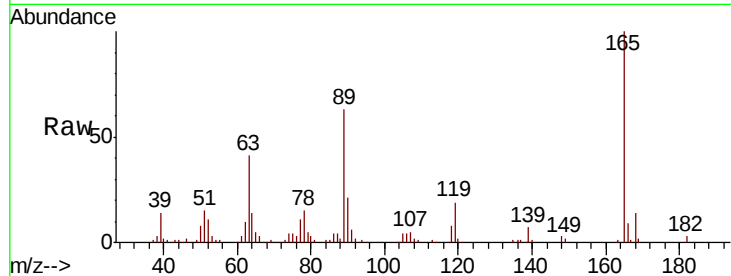
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		86585		
63	40.8		30.2	45.4	
89	62.9		53.2	79.8	
182	3.2		2.7	4.1	

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#58

Fluorene

Concen: 40.761 ng

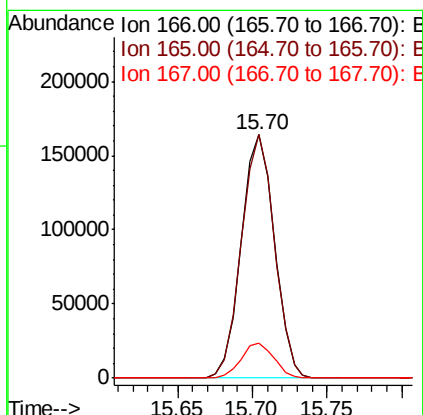
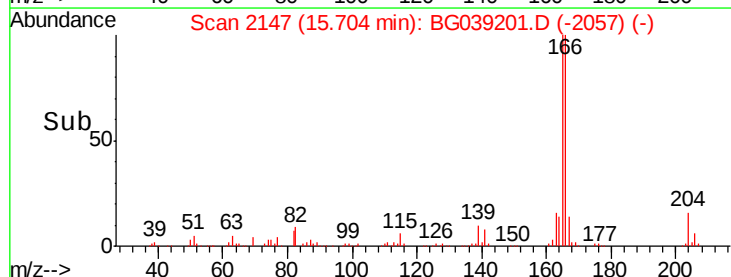
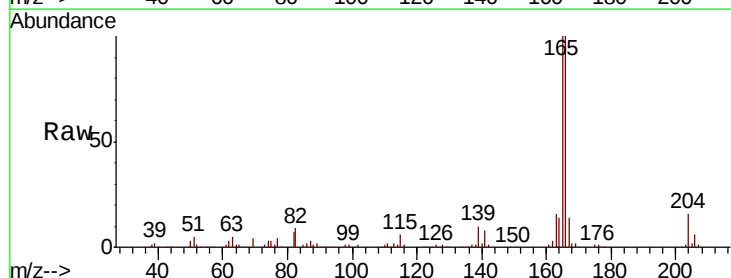
RT: 15.70 min Scan# 2147

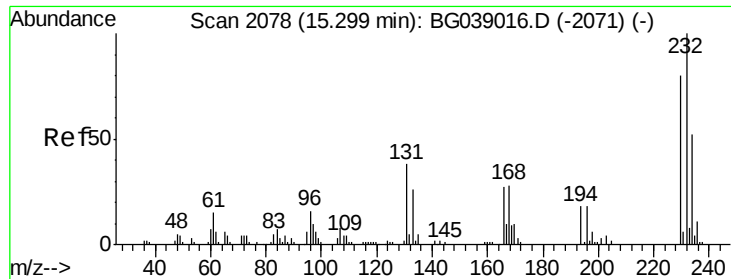
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		252471		
165	100.2		76.2	114.2	
167	14.4		10.6	16.0	





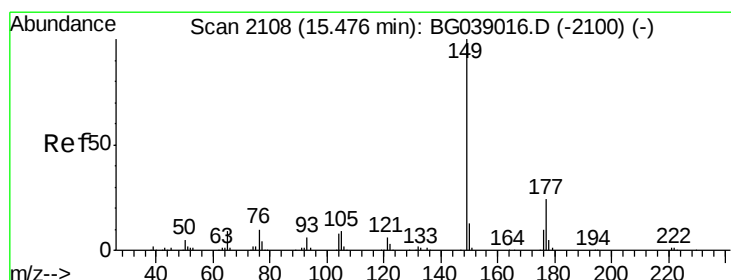
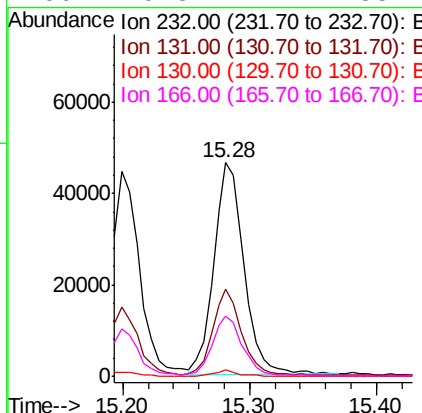
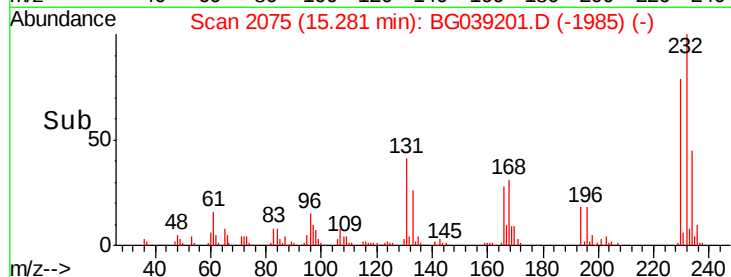
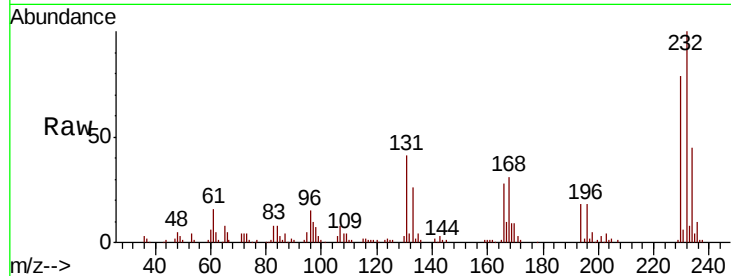
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.377 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	30.9	46.3
130	2.2	1.9	2.9
166	29.3	22.1	33.1

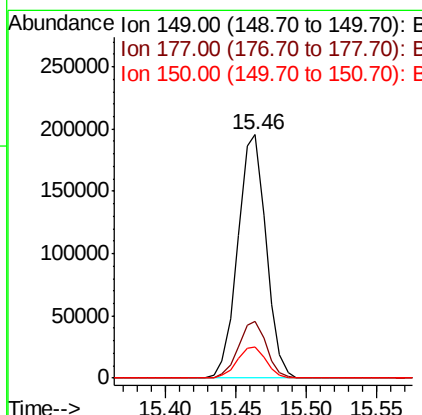
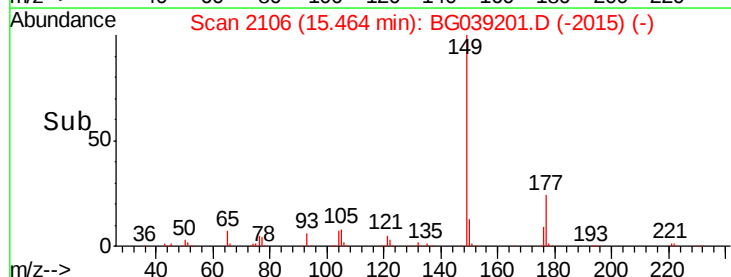
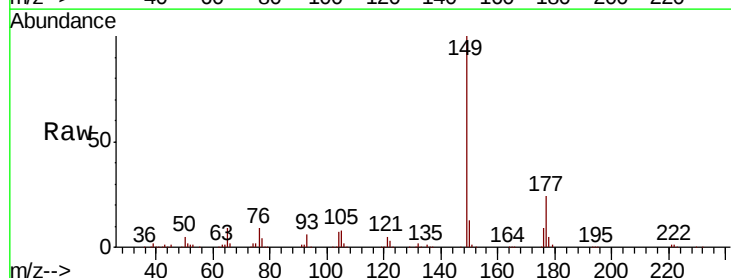
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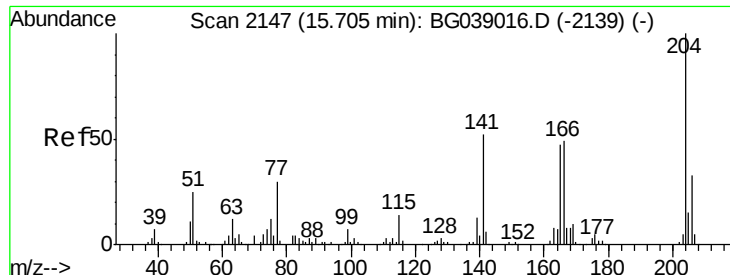
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#60
 Diethylphthalate
 Concen: 39.047 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	13.0	10.2	15.4





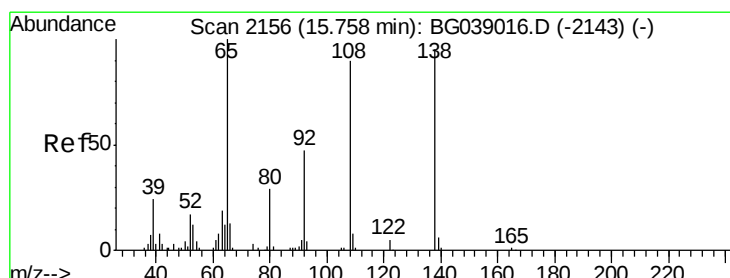
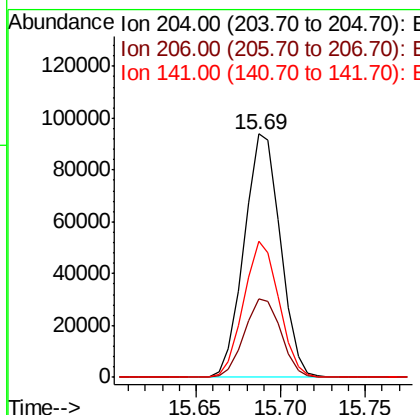
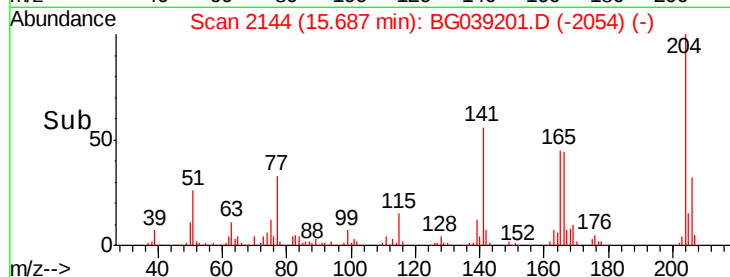
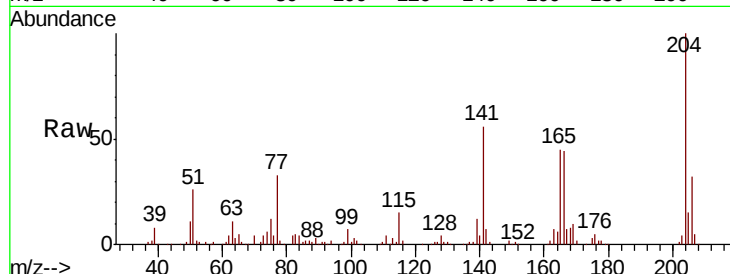
#61
4-Chlorophenyl-phenylether
Concen: 35.944 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	56.1	41.4	62.0

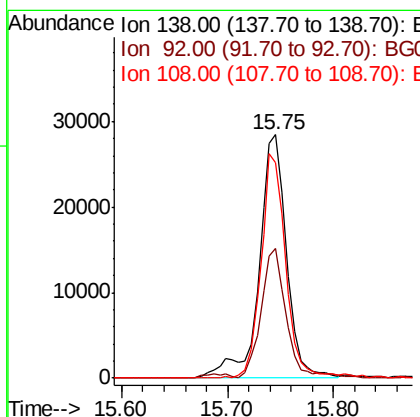
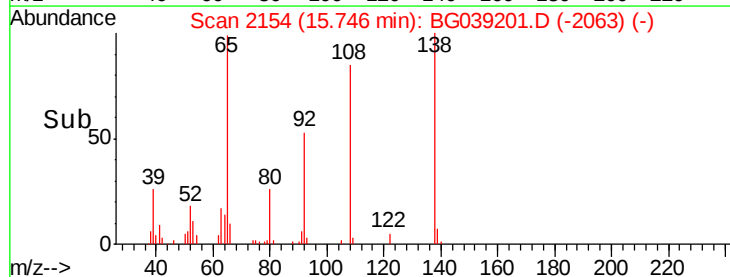
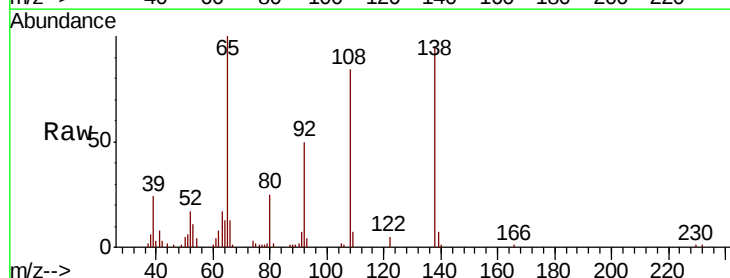
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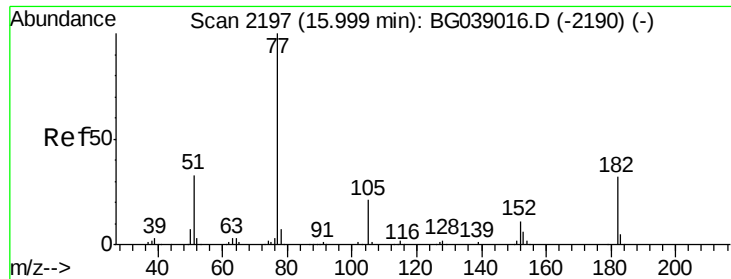
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#62
4-Nitroaniline
Concen: 32.094 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	29.7	69.7
108	88.4	75.7	115.7





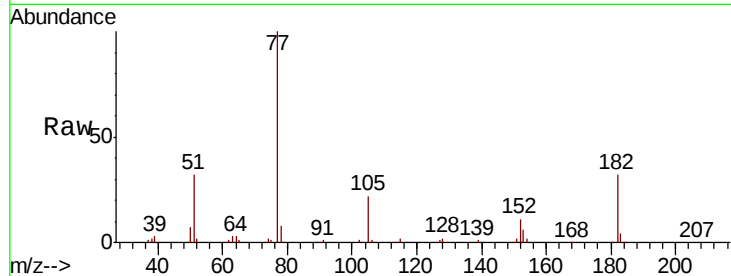
#63
Azobenzene
Concen: 39.922 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

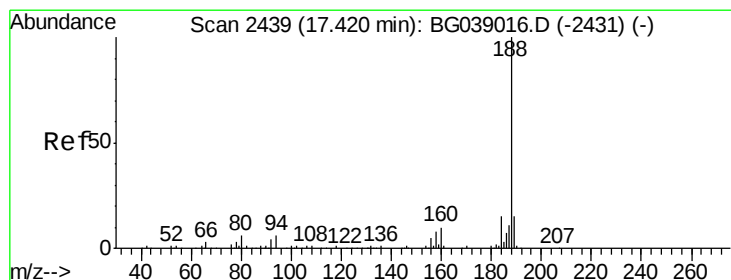
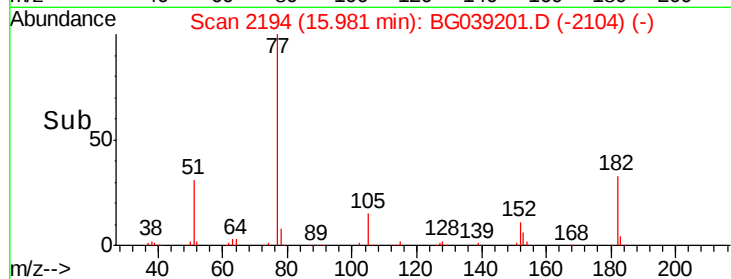
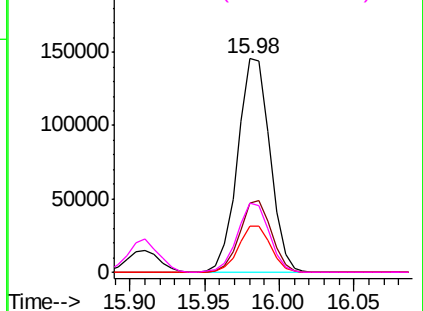
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.2	12.2	52.2	
105	21.8	1.2	41.2	
51	32.4	13.4	53.4	

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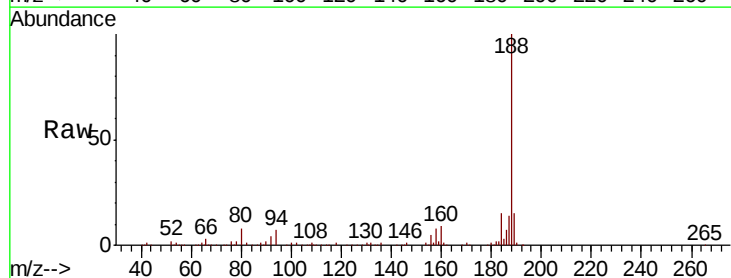


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

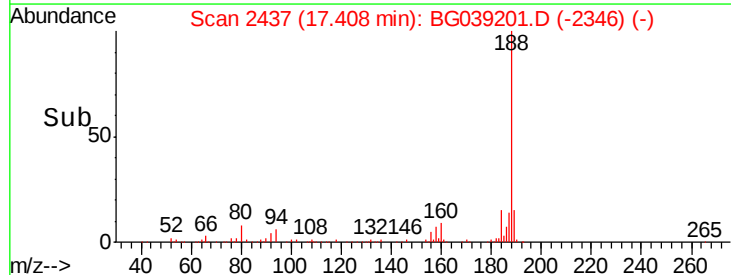
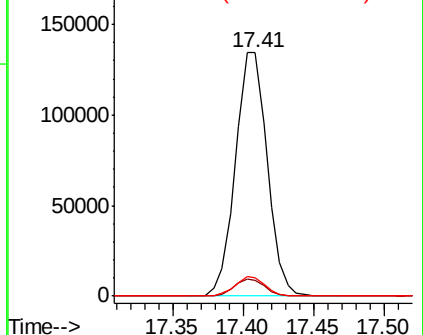


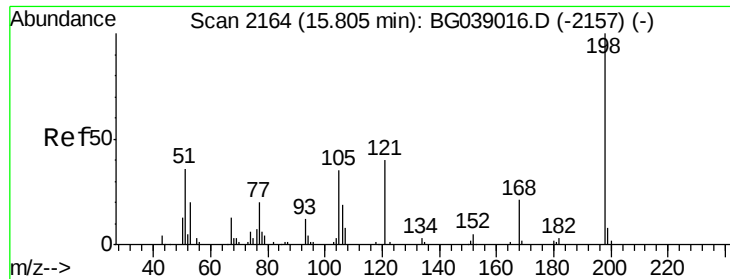
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	5.0	7.4	
80	7.5	4.7	7.1	



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





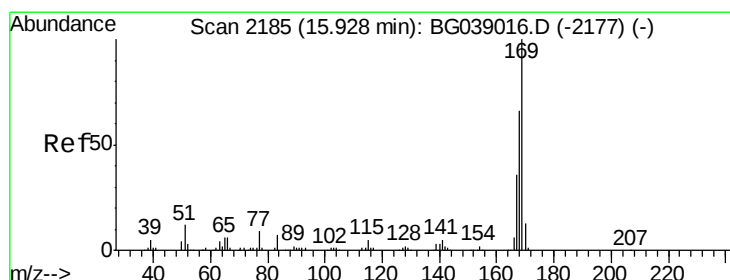
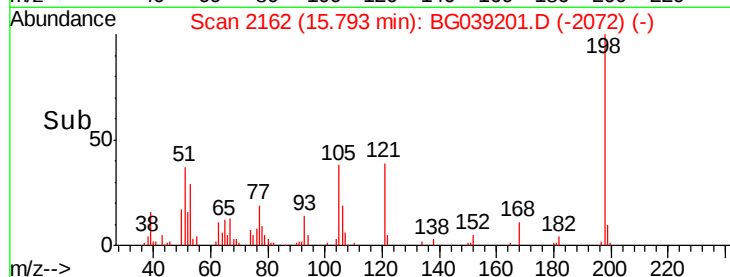
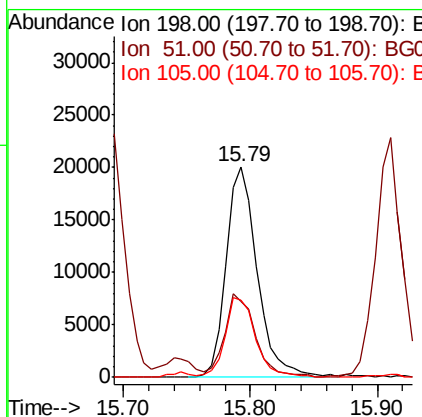
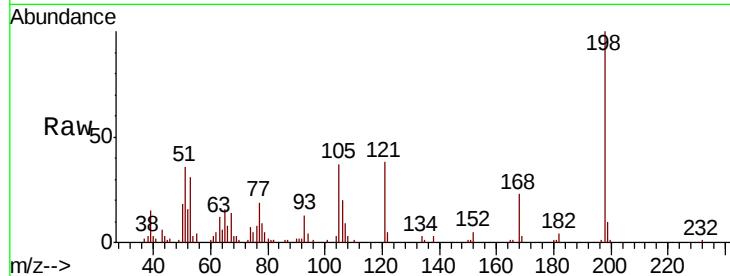
#65
4,6-Dinitro-2-methylphenol
Concen: 21.654 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	33936		
51	35.9		20.8	60.8
105	37.0		16.1	56.1

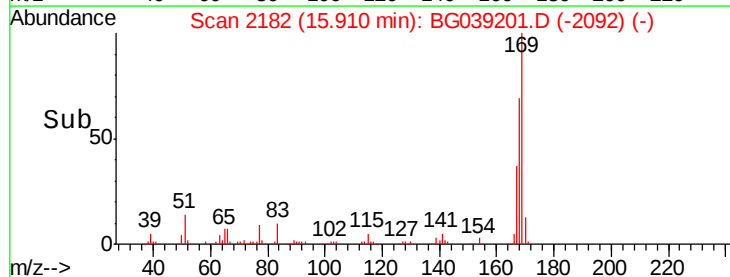
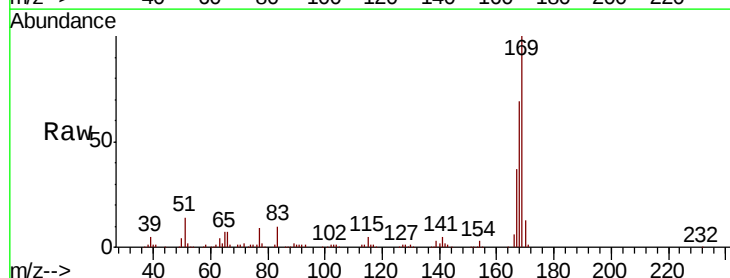
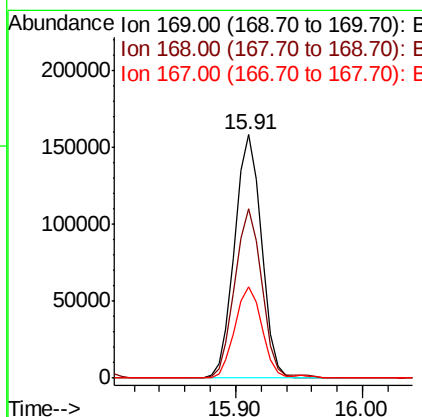
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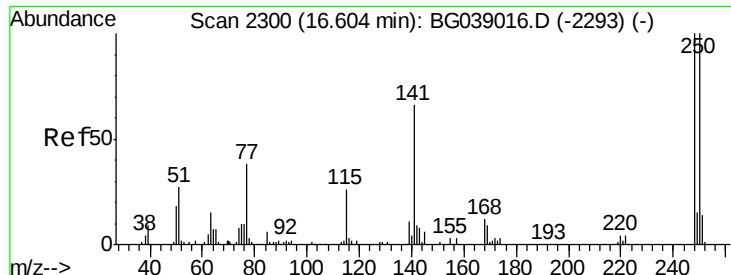
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#66
n-Nitrosodiphenylamine
Concen: 36.986 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	231935		
168	69.4		53.2	79.8
167	37.3		29.1	43.7





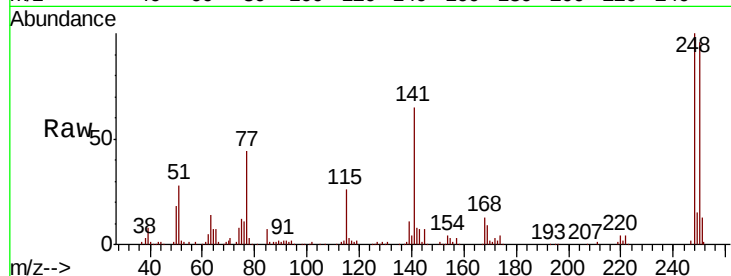
#67
 4-Bromophenyl-phenylether
 Concen: 34.576 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.9	119.9
141	65.1	52.7	79.1

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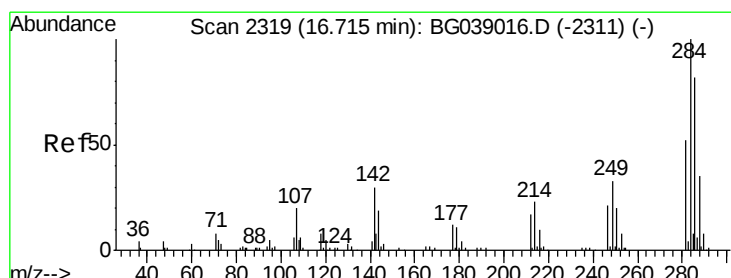
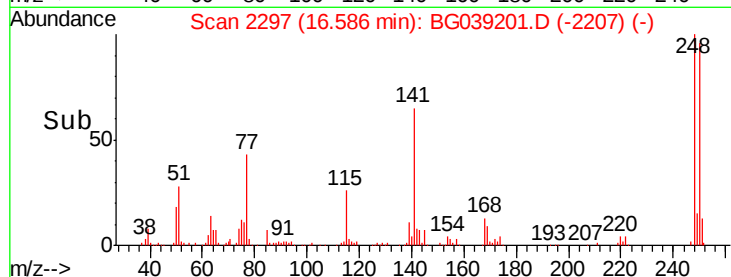
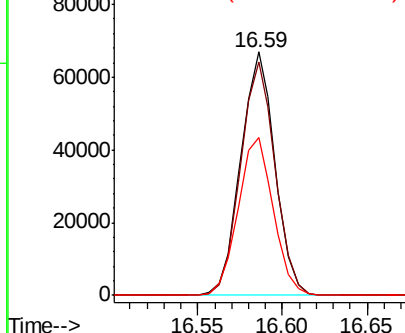


Abundance

Ion 248.00 (247.70 to 248.70): E

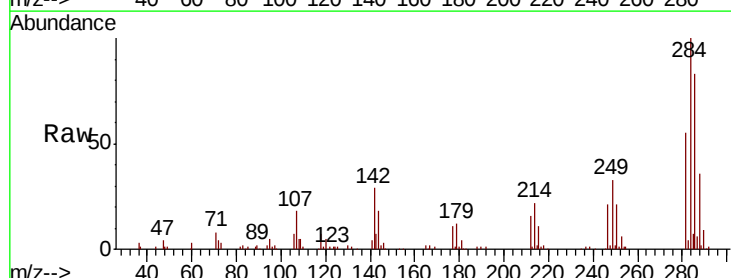
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 33.673 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	24.3	36.5
249	35.1	27.8	41.8

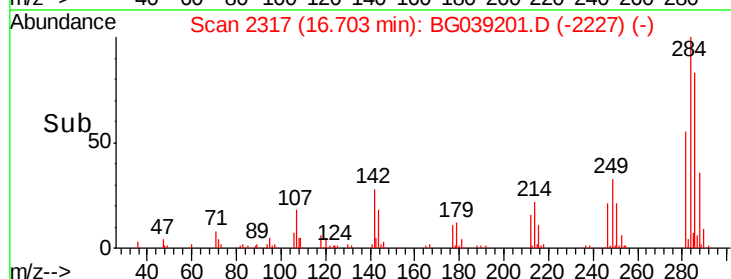
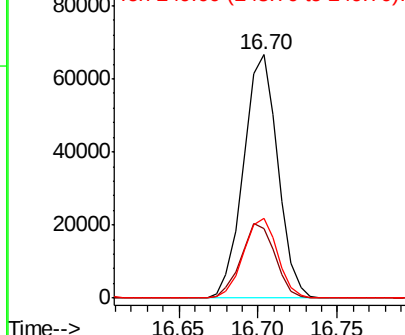


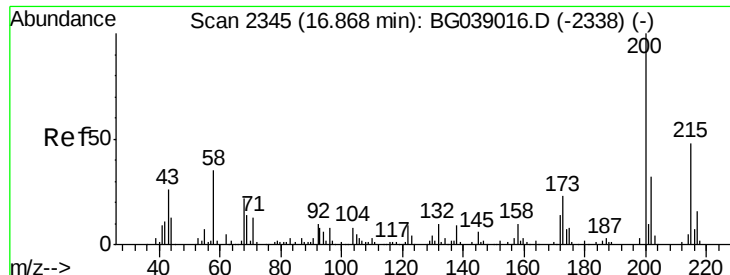
Abundance

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





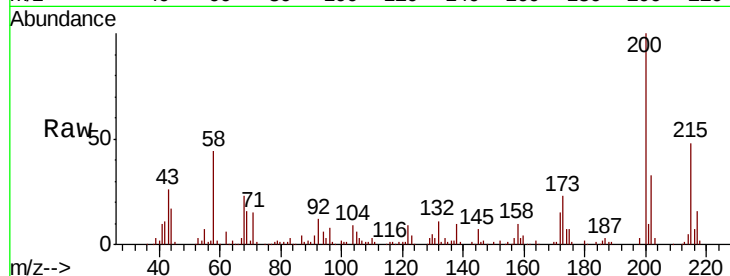
#69
 Atrazine
 Concen: 36.679 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MSD

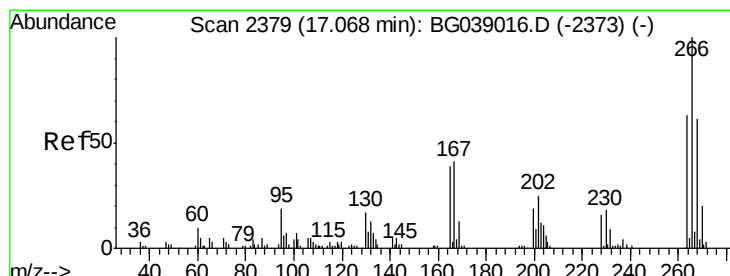
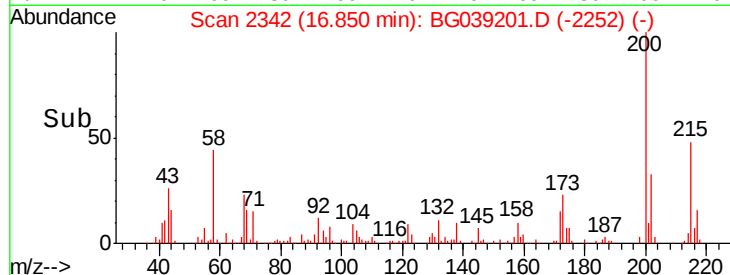
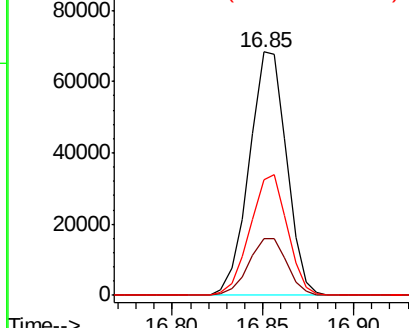
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	2.6	42.6
215	47.6	28.0	68.0

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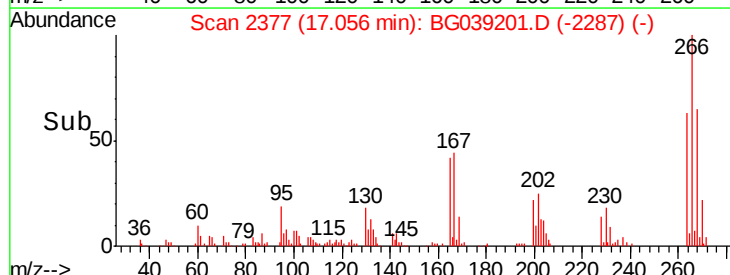
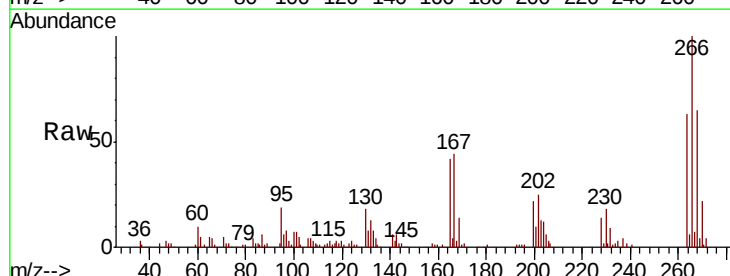
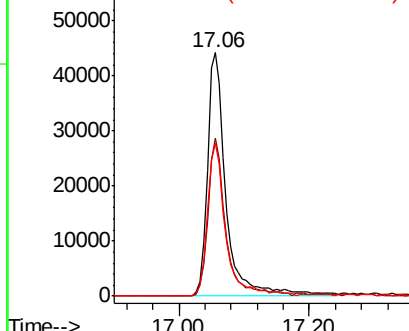
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

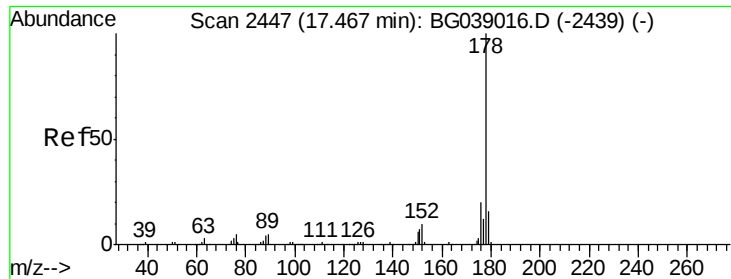


#70
 Pentachlorophenol
 Concen: 50.148 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG039201.D
 Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.3	52.0	78.0
264	62.8	54.6	81.8

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.145 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

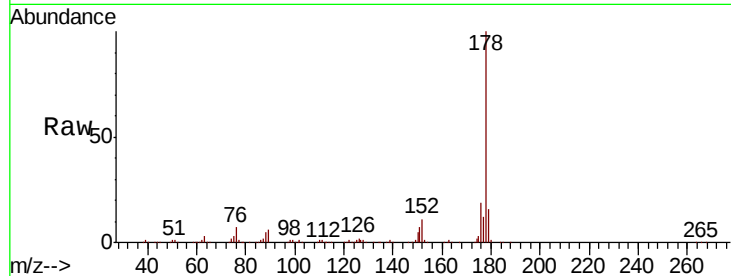
ClientSampleId :

RBR200044-RBR200027MSD

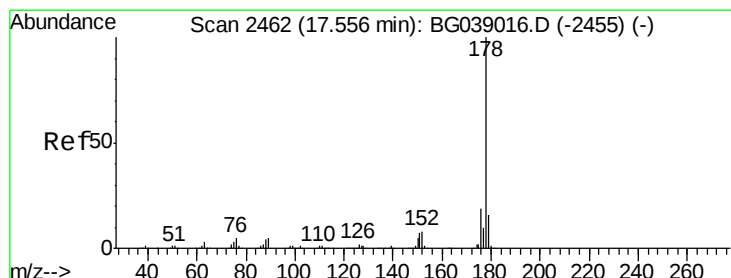
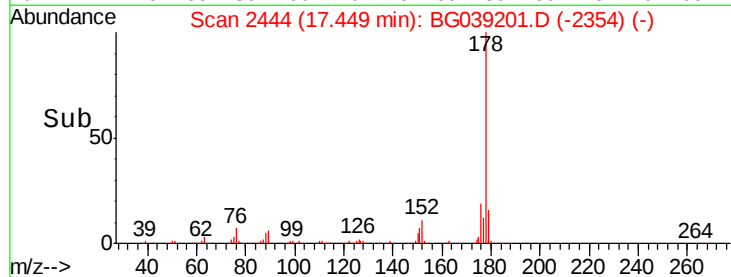
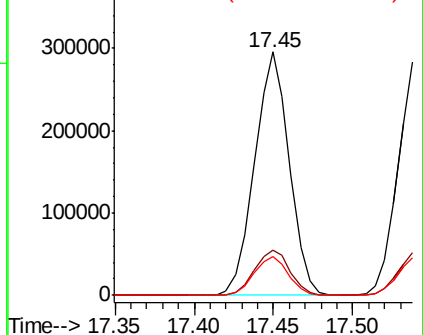
Tot Ion:178	Resp:	448867
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.7 23.5
179	16.0	12.9 19.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.913 ng

RT: 17.54 min Scan# 2460

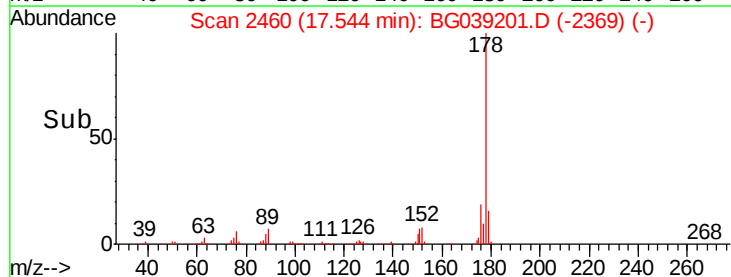
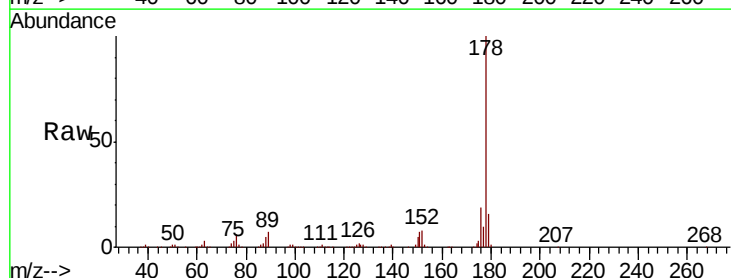
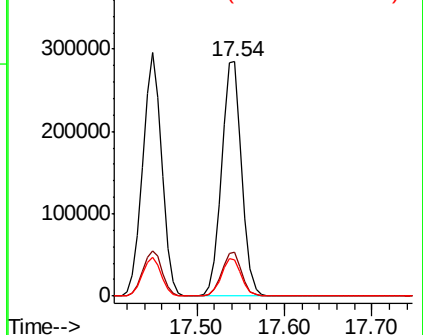
Delta R.T. 0.00 min

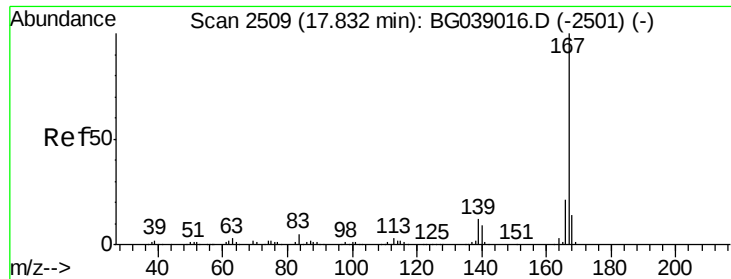
Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:178	Resp:	452298
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.9 22.3
179	15.6	13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.433 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

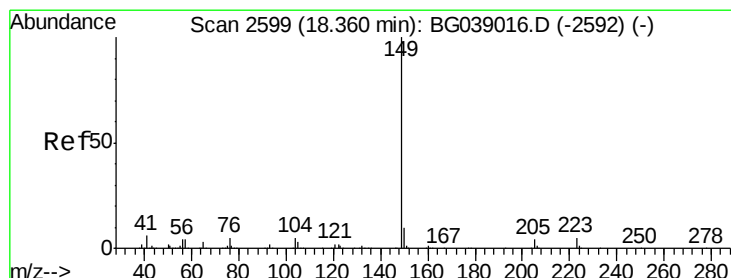
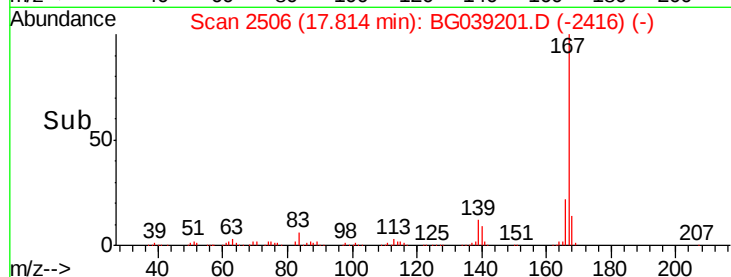
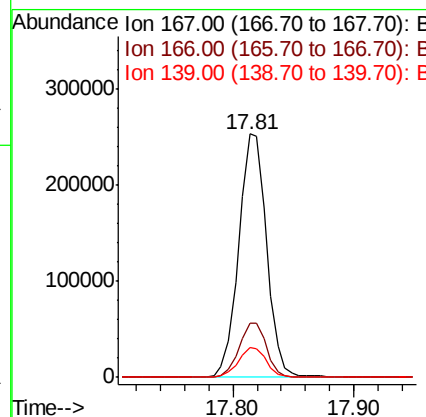
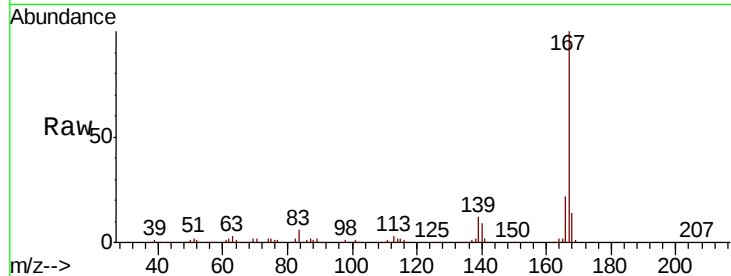
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	167	Resp:	408518
Ion Ratio	Lower	Upper	
167	100		
166	22.3	16.9	25.3
139	12.1	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 39.632 ng

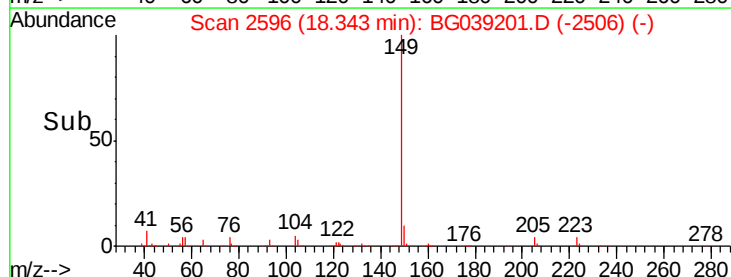
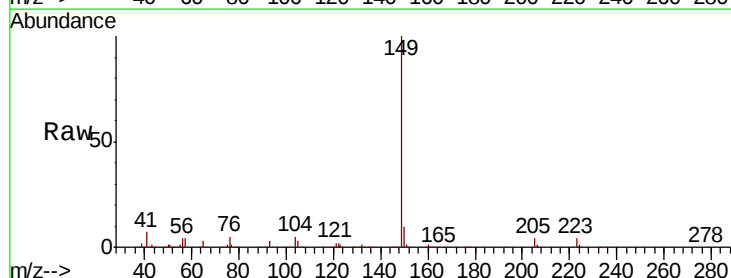
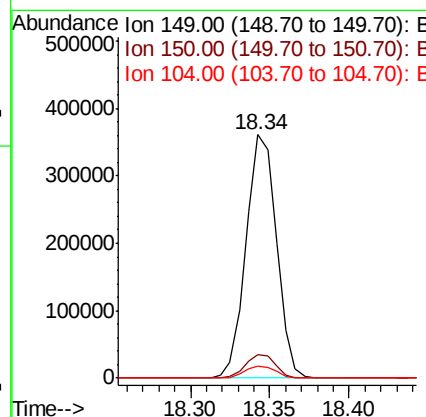
RT: 18.34 min Scan# 2596

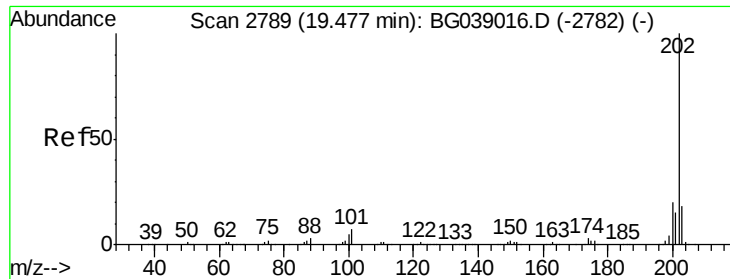
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	149	Resp:	481167
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.9	11.9
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 40.336 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

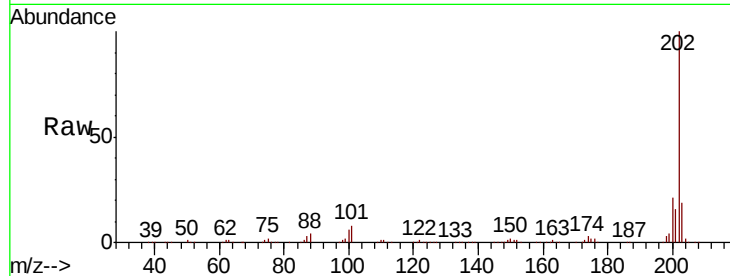
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	202	Resp:	559089
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	26.9
203	18.7	0.0	38.1

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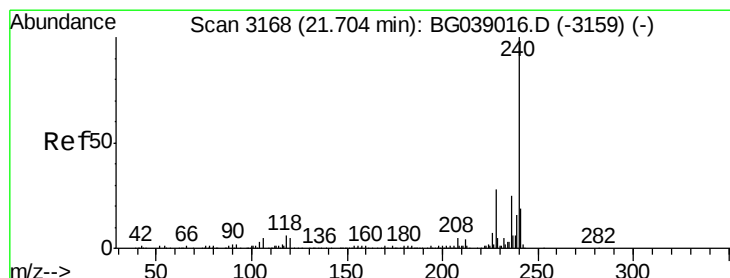
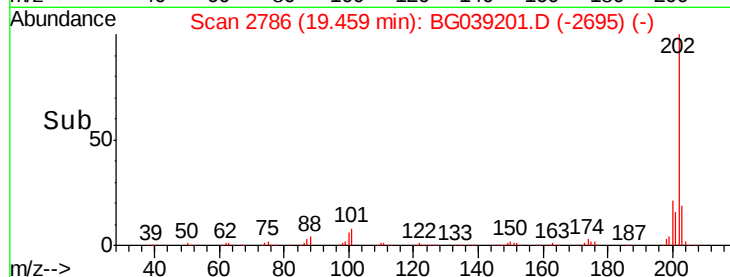
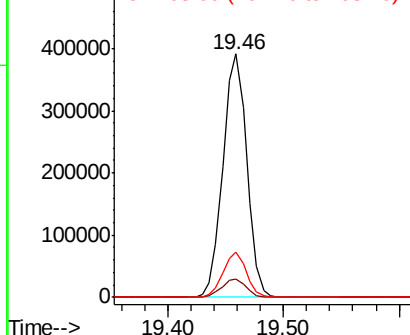


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

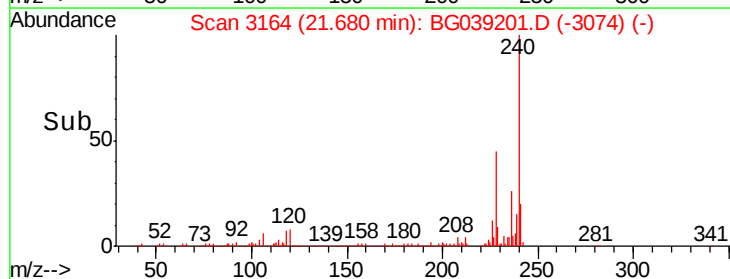
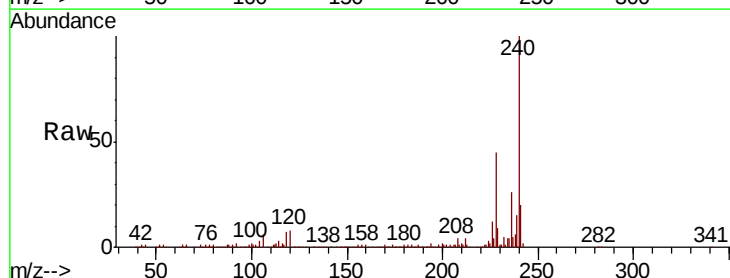
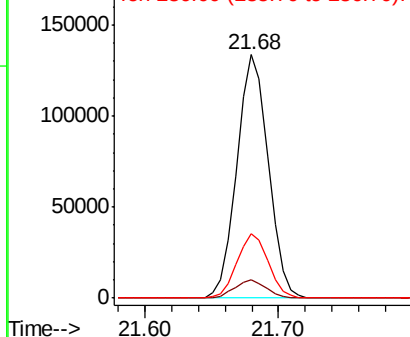
Tgt Ion:	240	Resp:	217293
Ion Ratio	Lower	Upper	
240	100		
120	7.7	4.3	6.5#
236	26.3	20.1	30.1

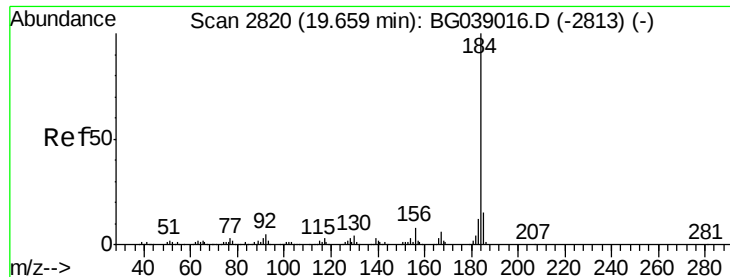
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.037 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

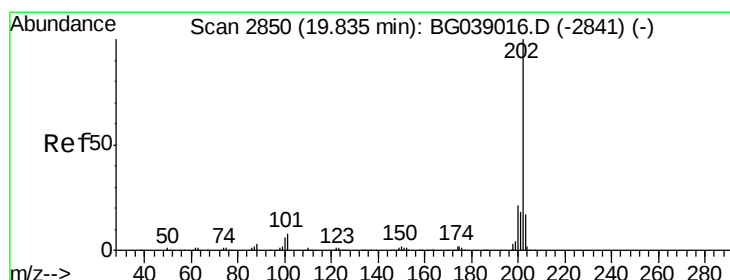
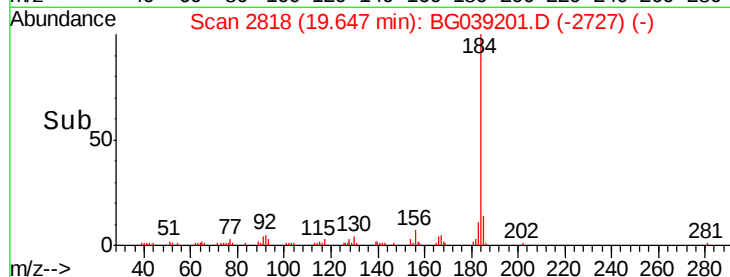
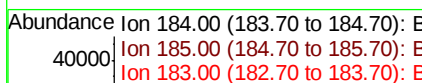
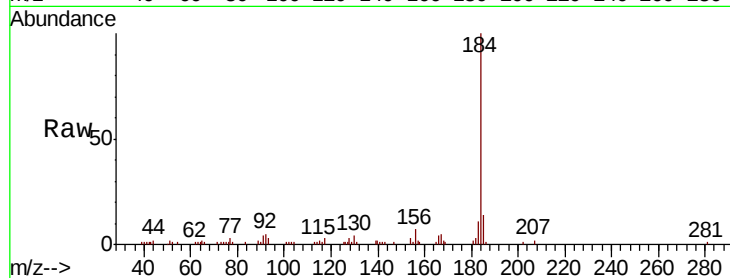
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	184	Resp:	53414
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.1	18.1
183	10.8	9.5	14.3

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#78

Pyrene

Concen: 40.747 ng

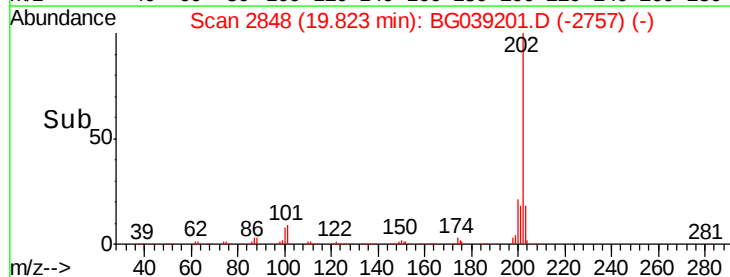
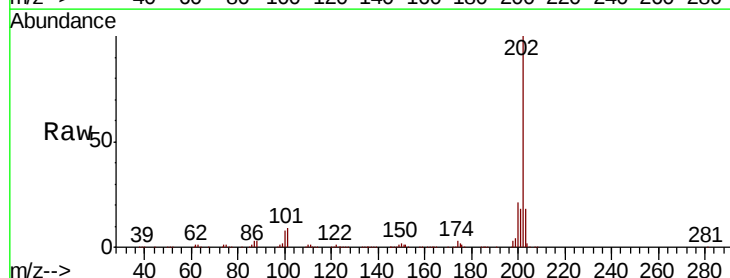
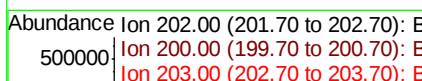
RT: 19.82 min Scan# 2848

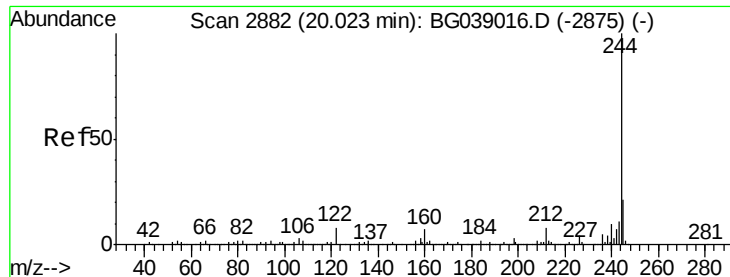
Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	202	Resp:	564257
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.6
203	18.0	14.0	21.0





#79

Terphenyl-d14

Concen: 80.965 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

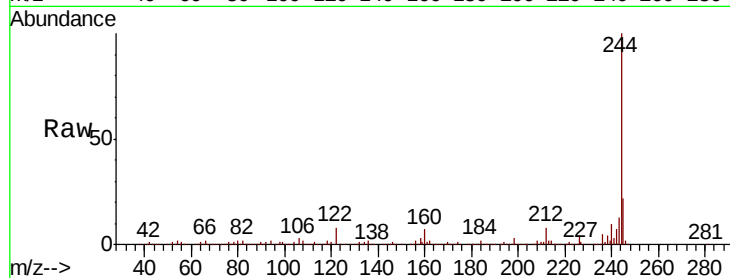
ClientSampleId :

RBR200044-RBR200027MSD

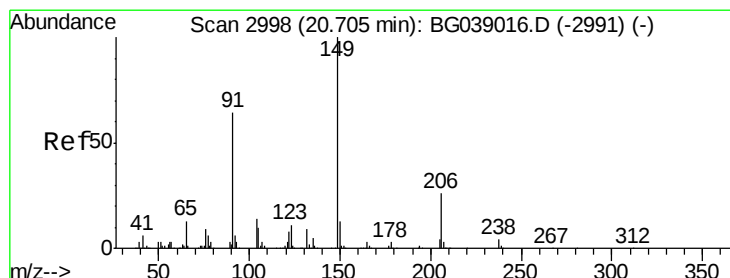
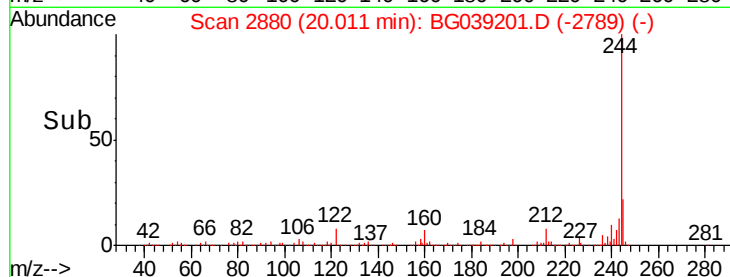
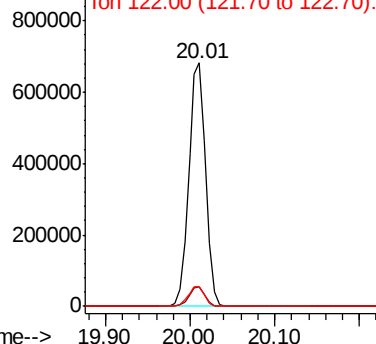
Tot Ion:	244	Resp:	951035
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.1	9.1
122	8.2	6.1	9.1

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



#80

Butylbenzylphthalate

Concen: 41.347 ng

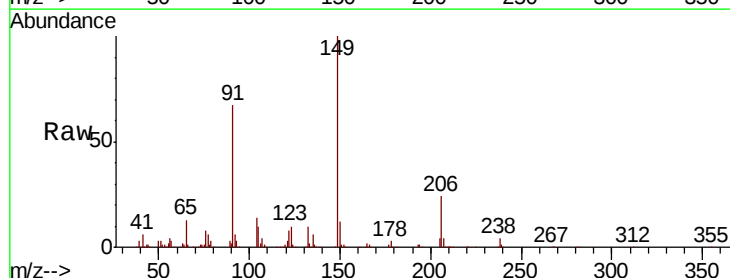
RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

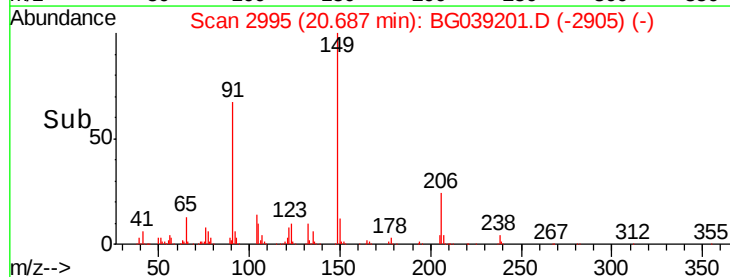
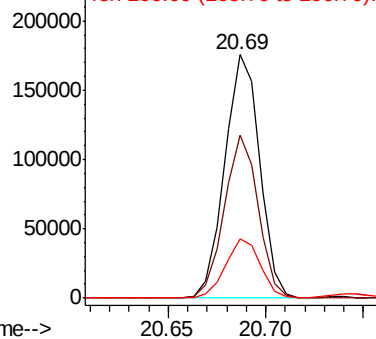
Lab File: BG039201.D

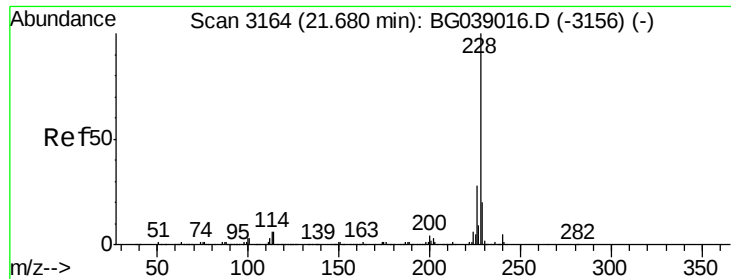
Acq: 18 Jan 2019 2:30

Tgt Ion:	149	Resp:	217767
Ion Ratio		Lower	Upper
149	100		
91	67.0	51.4	77.0
206	24.3	20.4	30.6



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





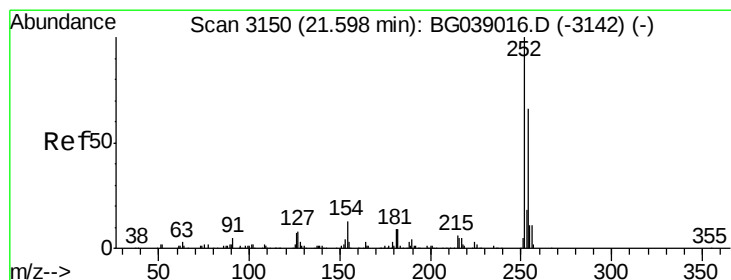
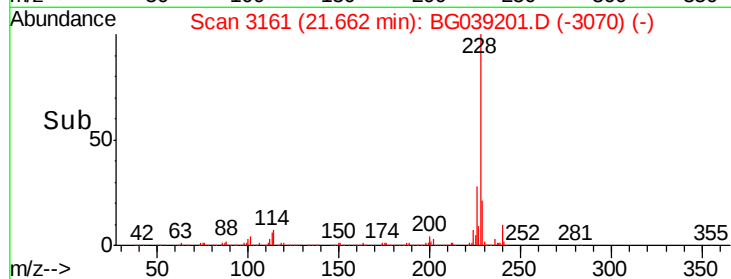
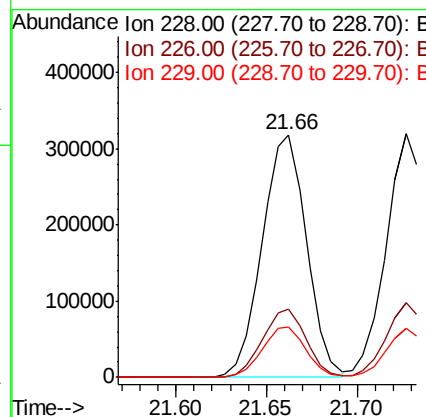
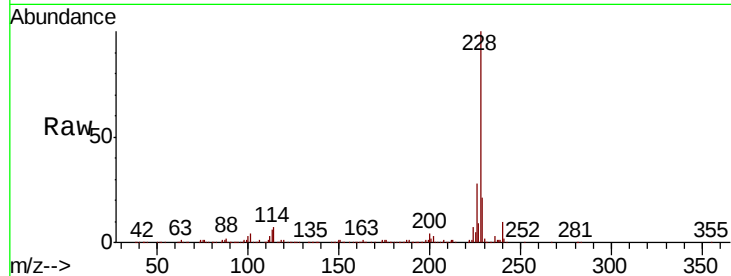
#81
Benzo(a)anthracene
Concen: 40.875 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.5	16.2	24.2

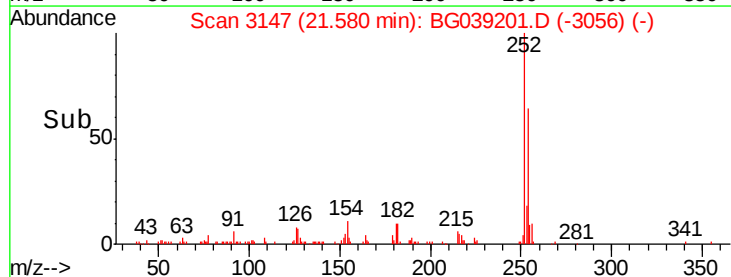
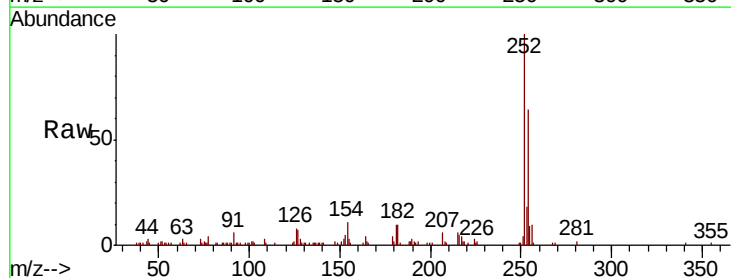
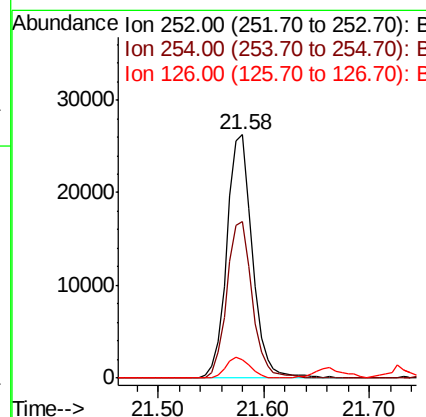
Manual Integrations
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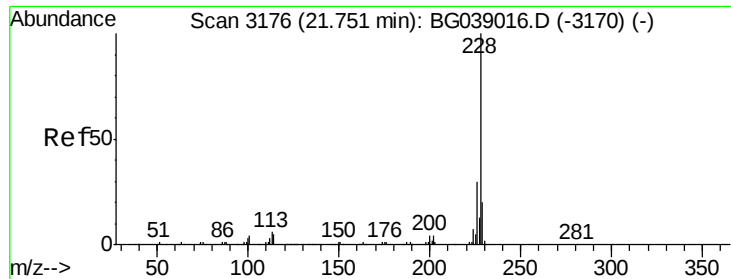
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#82
3,3'-Dichlorobenzidine
Concen: 8.154 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.0	79.6
126	7.6	6.0	9.0





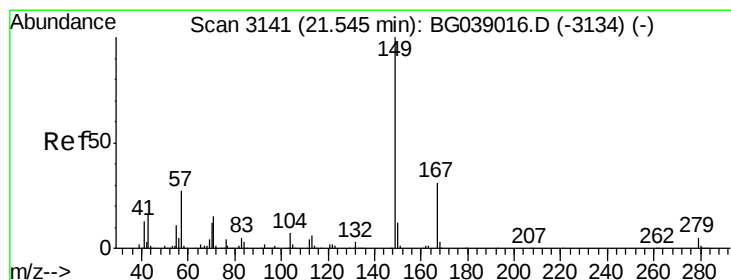
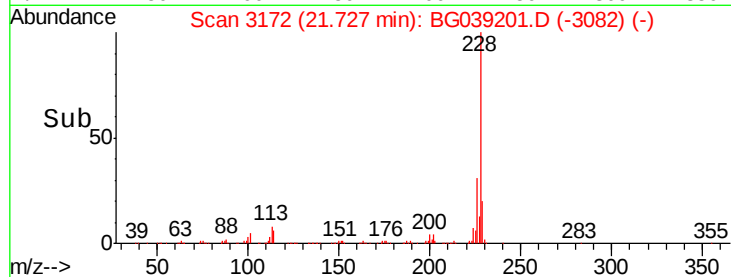
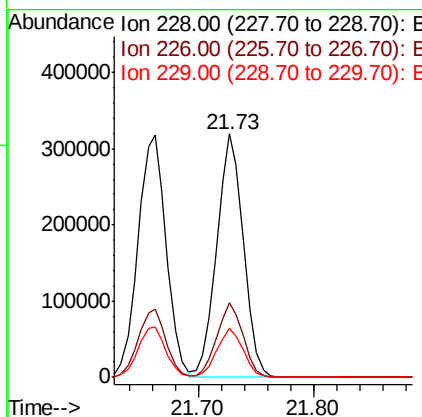
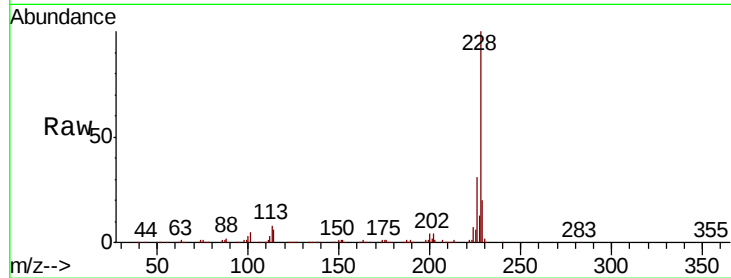
#83
Chrysene
Concen: 40.340 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	20.4	16.0	24.0

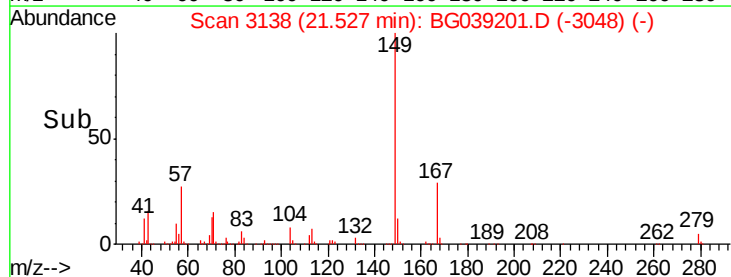
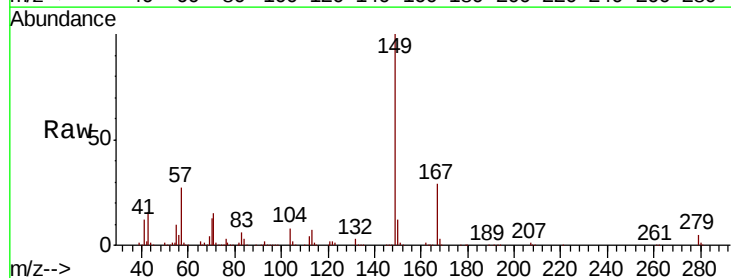
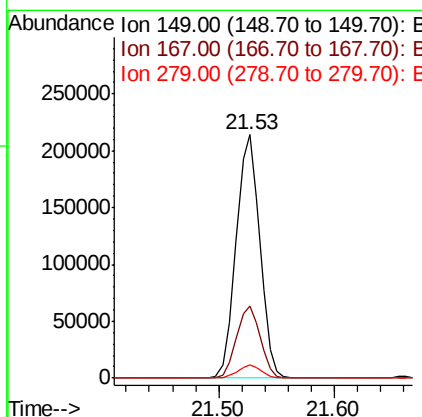
Manual Integrations
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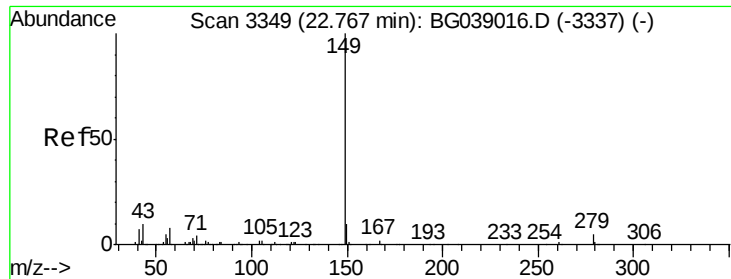
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.462 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.0	37.4
279	5.3	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.473 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

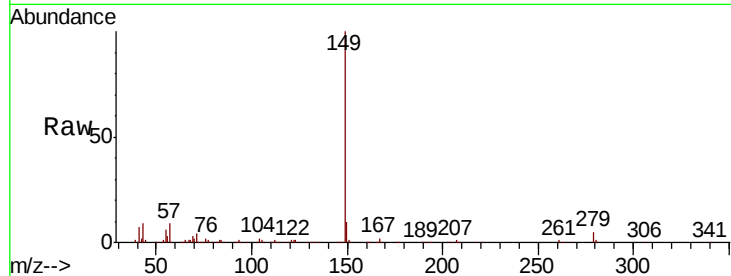
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	149	Resp:	512847
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.2	7.5	11.3

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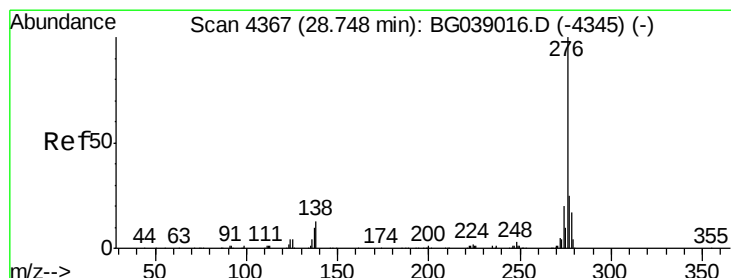
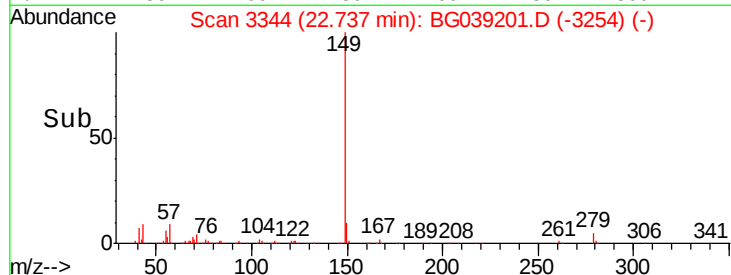
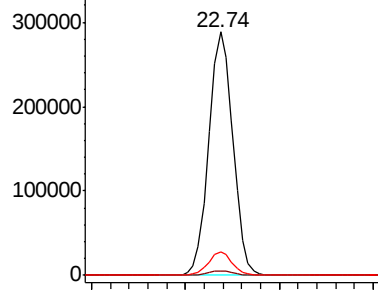


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.947 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

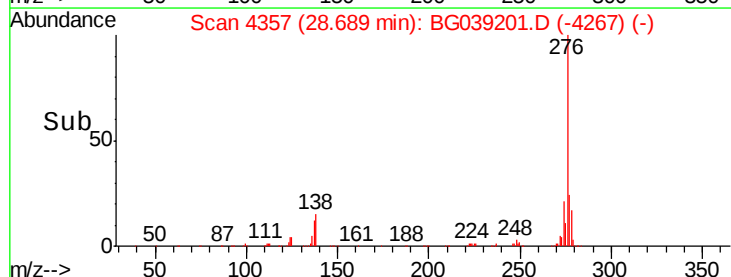
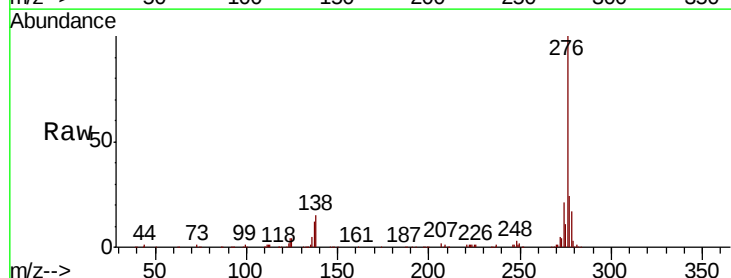
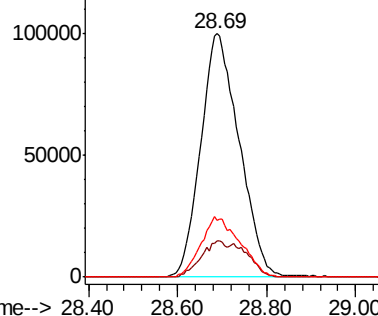
Tgt Ion:	276	Resp:	600509
Ion Ratio	Lower	Upper	
276	100		
138	9.9	8.0	12.0
277	25.2	20.3	30.5

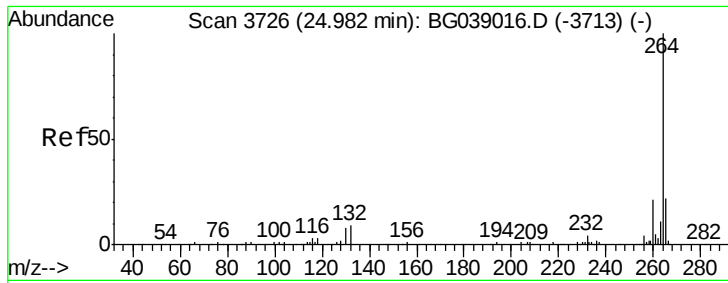
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





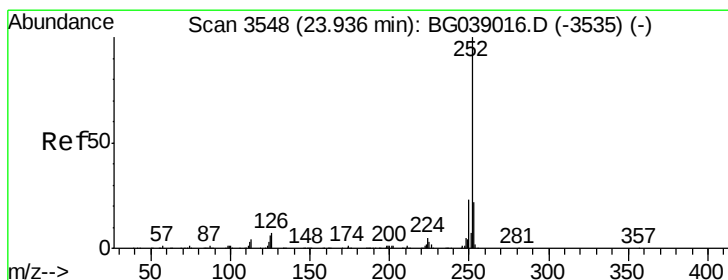
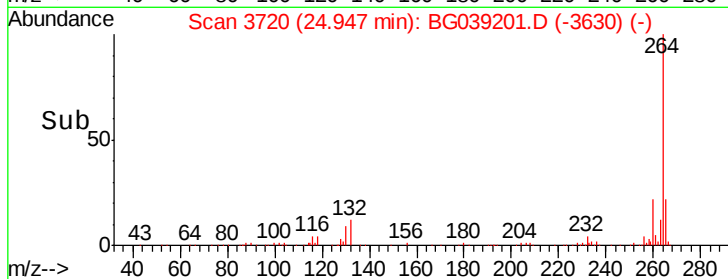
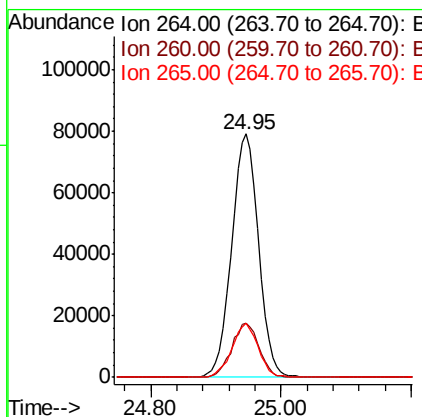
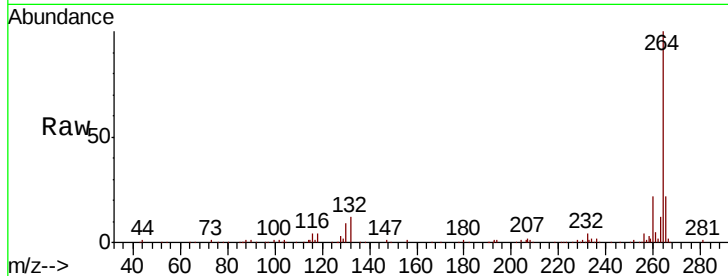
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	22.1	17.2	25.8

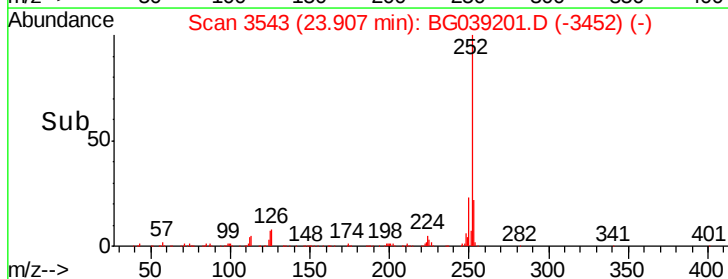
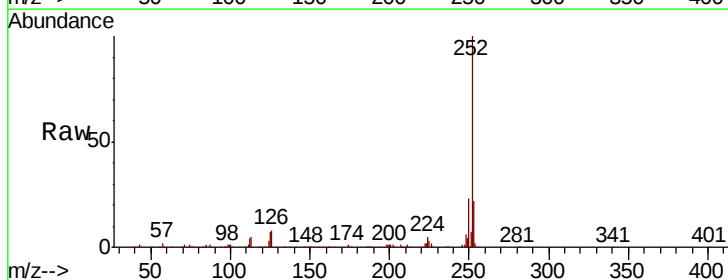
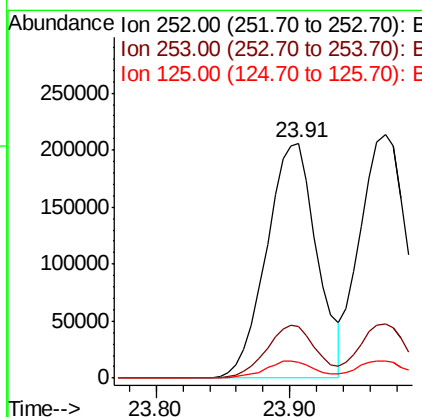
Manual Integrations
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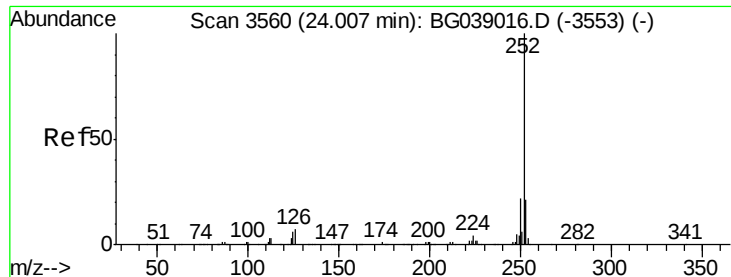
Sohil
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#88
Benzo(b)fluoranthene
Concen: 43.320 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.5	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 42.405 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Instrument :

BNA_G

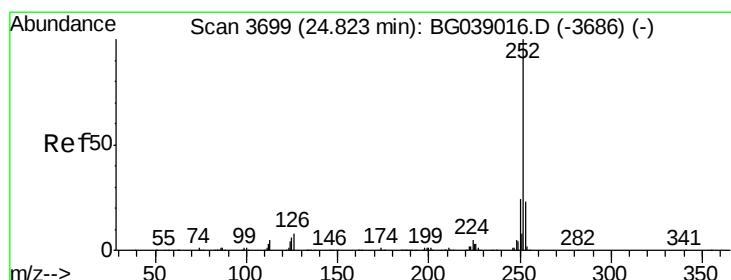
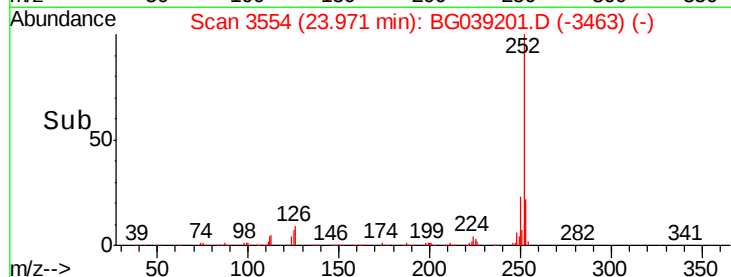
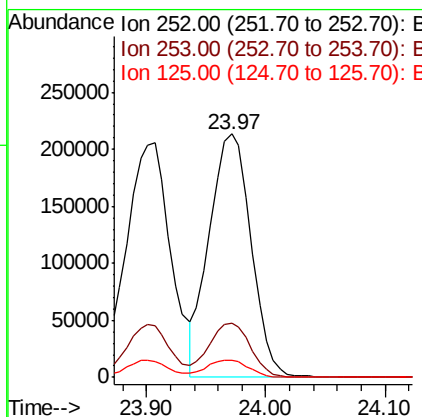
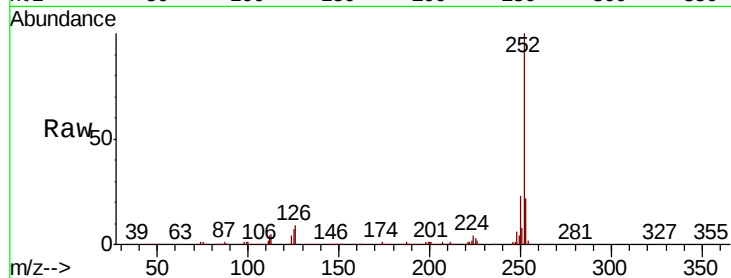
ClientSampleId :

RBR200044-RBR200027MSD

Tot Ion:	252	Resp:	522096
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	7.2	4.6	7.0#

Manual Integrations
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Sohil
1/18/2019 11:24:18 AM



#90

Benzo(a)pyrene

Concen: 42.515 ng

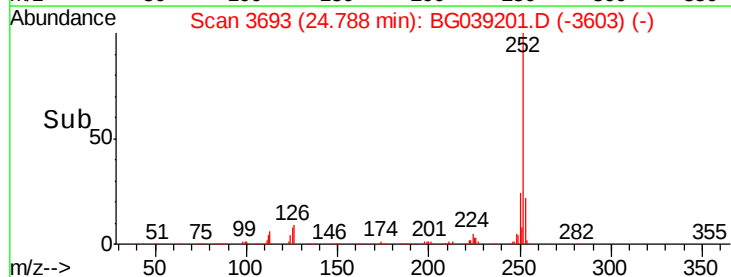
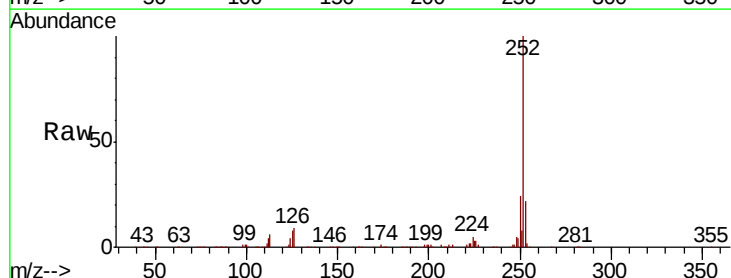
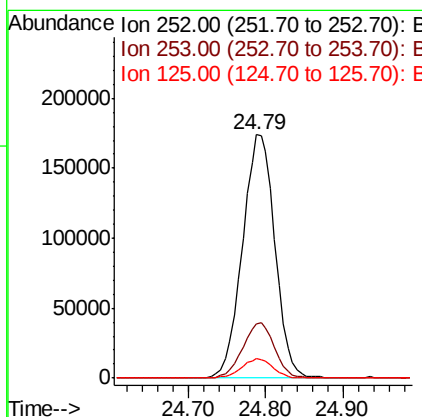
RT: 24.79 min Scan# 3693

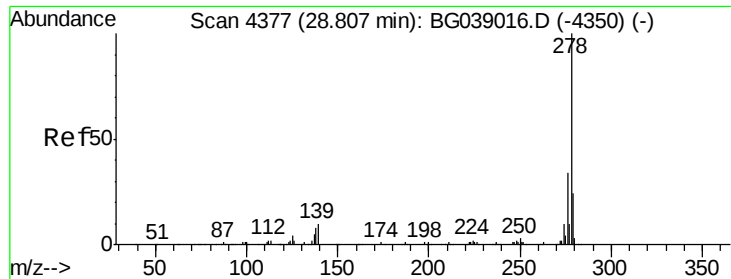
Delta R.T. -0.00 min

Lab File: BG039201.D

Acq: 18 Jan 2019 2:30

Tgt Ion:	252	Resp:	511733
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.3	27.5
125	8.2	4.9	7.3#





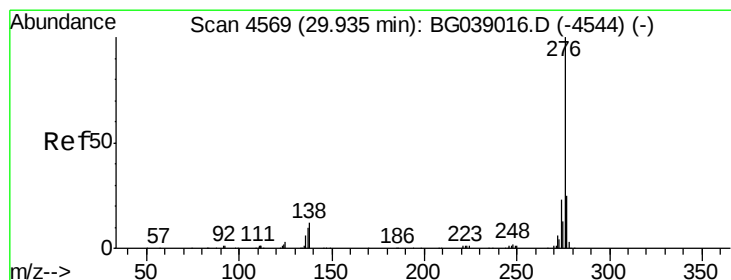
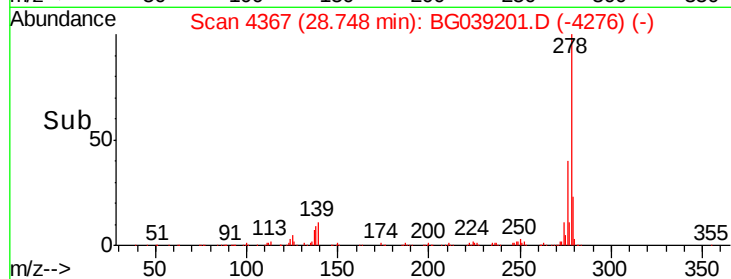
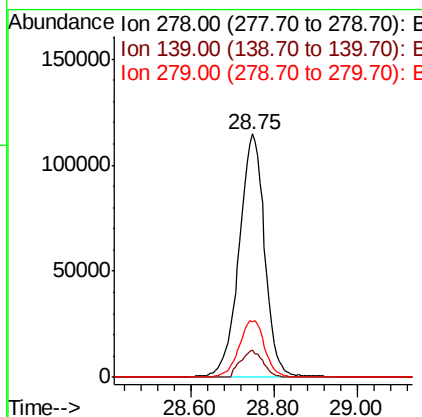
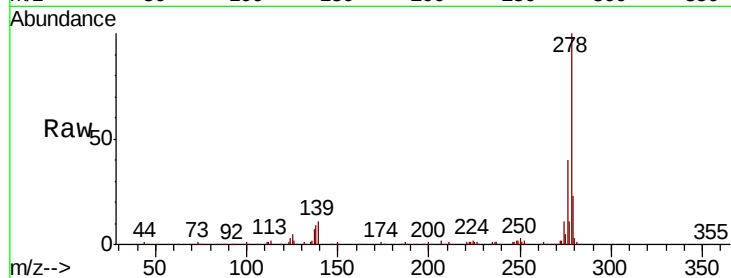
#91
Dibenzo(a,h)anthracene
Concen: 40.978 ng
RT: 28.75 min Scan# 4367
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	7.9	11.9
279	22.6	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/18/2019 11:24:18 AM



#92
Benzo(g,h,i)perylene
Concen: 41.538 ng
RT: 29.88 min Scan# 4559
Delta R.T. 0.00 min
Lab File: BG039201.D
Acq: 18 Jan 2019 2:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.3	30.5
138	14.2	9.4	14.2#

