

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039200.D
 Acq On : 18 Jan 2019 1:50
 Operator : JU/SJ
 Sample : K1153-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:24:15 AM

Quant Time: Jan 18 04:59:27 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	20451	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	87804	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	61408	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	169820	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180188	20.00	ng	0.00
87) Perylene-d12	24.95	264	229580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	162318	150.56	ng	0.00
7) Phenol-d6	7.18	99	180022	116.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	141484	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	174246	169.27	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	407972	90.92	ng	0.00
79) Terphenyl-d14	20.01	244	899938	92.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	14273	33.808	ng	# 1
3) Pyridine	3.87	79	35473	30.922	ng	98
4) n-Nitrosodimethylamine	3.78	42	23523	45.569	ng	92
6) Aniline	7.35	93	13243	7.107	ng	95
8) 2-Chlorophenol	7.58	128	52975	41.685	ng	95
9) Benzaldehyde	7.16	77	14841	16.587	ng	94
10) Phenol	7.20	94	53853	34.621	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	47228	39.726	ng	97
12) 1,3-Dichlorobenzene	7.90	146	55725	36.598	ng	99
13) 1,4-Dichlorobenzene	8.05	146	57434	37.245	ng	99
14) 1,2-Dichlorobenzene	8.37	146	56922	38.715	ng	97
15) Benzyl Alcohol	8.26	79	49787	42.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	96921	42.516	ng	98
17) 2-Methylphenol	8.46	107	46907	43.429	ng	93
18) Hexachloroethane	9.09	117	21487	41.015	ng	88
19) n-Nitroso-di-n-propylamine	8.82	70	40441	39.694	ng	92
20) 3+4-Methylphenols	8.79	107	62450	40.553	ng	94
22) Acetophenone	8.85	105	84190	36.716	ng	# 96
24) Nitrobenzene	9.24	77	62336	38.434	ng	98
25) Isophorone	9.75	82	125601	45.441	ng	96
26) 2-Nitrophenol	9.95	139	39450	44.969	ng	95
27) 2,4-Dimethylphenol	9.99	122	62290	50.469	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	75106	45.212	ng	99
29) 2,4-Dichlorophenol	10.49	162	72656	47.385	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	72249	39.216	ng	97
31) Naphthalene	10.88	128	194490	44.165	ng	99
32) Benzoic acid	10.18	122	7770m	17.669	ng	
33) 4-Chloroaniline	11.02	127	5186	2.632	ng	# 91
34) Hexachlorobutadiene	11.14	225	51029	40.254	ng	96
35) Caprolactam	11.79	113	16591m	26.984	ng	
36) 4-Chloro-3-methylphenol	12.12	107	71458	43.573	ng	91
37) 2-Methylnaphthalene	12.48	142	146949	44.507	ng	99
38) 1-Methylnaphthalene	12.70	142	137921m	43.521	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	92529	40.121	ng	99

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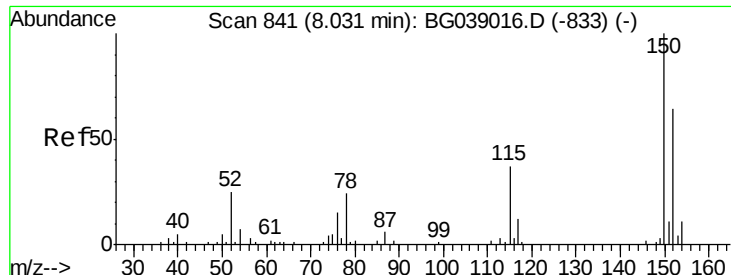
Manual Integrations
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 1/18/2019 11:24:15 AM

Quant Time: Jan 18 04:59:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	81986	64.331	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	63183	43.530	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	70191	45.754	nq	98
46) 1,1'-Biphenyl	13.49	154	196001	40.281	nq	99
47) 2-Chloronaphthalene	13.54	162	160955	40.877	nq	98
48) 2-Nitroaniline	13.75	65	49520	44.891	nq	98
49) Acenaphthylene	14.38	152	260571	44.027	nq	99
50) Dimethylphthalate	14.11	163	231995	44.707	nq	100
51) 2,6-Dinitrotoluene	14.24	165	51467	44.361	nq	98
52) Acenaphthene	14.72	154	163126	45.875	nq	96
53) 3-Nitroaniline	14.58	138	4574	3.886	nq	# 98
54) 2,4-Dinitrophenol	14.79	184	26714	41.306	nq	98
55) Dibenzofuran	15.06	168	278775	44.390	nq	97
56) 4-Nitrophenol	14.89	139	68320	80.677	nq	95
57) 2,4-Dinitrotoluene	15.03	165	75850	45.570	nq	96
58) Fluorene	15.70	166	218526	46.227	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	69345	47.886	nq	99
60) Diethylphthalate	15.46	149	239010	44.704	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	122943	41.281	nq	97
62) 4-Nitroaniline	15.75	138	45555	37.156	nq	92
63) Azobenzene	15.99	77	178073	42.590	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	29592	23.521	nq	97
66) n-Nitrosodiphenylamine	15.91	169	204966	40.714	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	99186	45.436	nq	98
68) Hexachlorobenzene	16.70	284	105330	44.219	nq	99
69) Atrazine	16.86	200	95977	44.877	nq	100
70) Pentachlorophenol	17.06	266	72359	51.401	nq	92
71) Phenanthrene	17.45	178	407697	45.420	nq	98
72) Anthracene	17.54	178	414877	46.747	nq	99
73) Carbazole	17.82	167	371908	42.449	nq	98
74) Di-n-butylphthalate	18.35	149	424497	43.553	nq	98
75) Fluoranthene	19.46	202	517220	46.481	nq	99
77) Benzidine	19.65	184	40483	7.346	nq	99
78) Pyrene	19.82	202	518866	45.185	nq	99
80) Butylbenzylphthalate	20.69	149	195090	44.669	nq	99
81) Benzo(a)anthracene	21.66	228	504192	45.966	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	40895	9.150	nq	96
83) Chrysene	21.73	228	472793	45.320	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	271566	44.781	nq	99
85) Di-n-octyl phthalate	22.74	149	479521	46.763	nq	99
86) Indeno(1,2,3-cd)pyrene	28.69	276	583248	46.788	nq	# 97
88) Benzo(b)fluoranthene	23.91	252	507126	40.060	nq	99
89) Benzo(k)fluoranthene	23.97	252	503764	40.249	nq	98
90) Benzo(a)pyrene	24.79	252	481495	39.351	nq	99
91) Dibenzo(a,h)anthracene	28.76	278	480623	39.490	nq	98
92) Benzo(g,h,i)perylene	29.88	276	478781	39.737	nq	98

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



#1

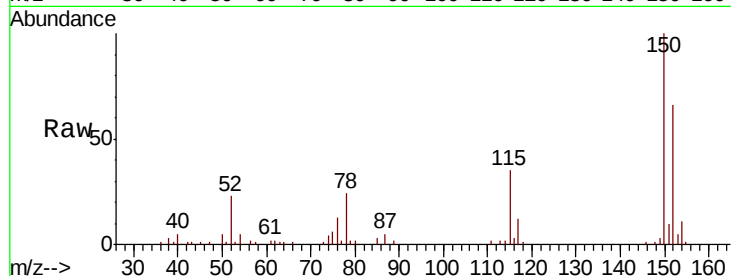
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.7	187.1
115	53.6	46.5	69.7

Manual Integrations
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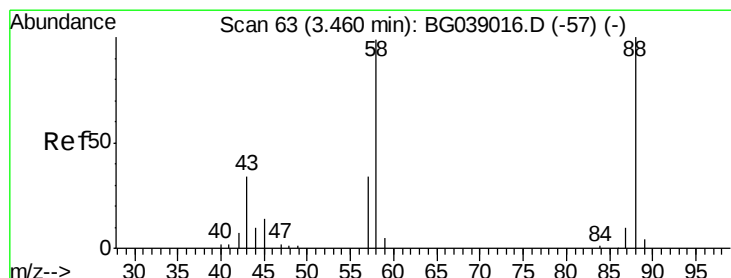
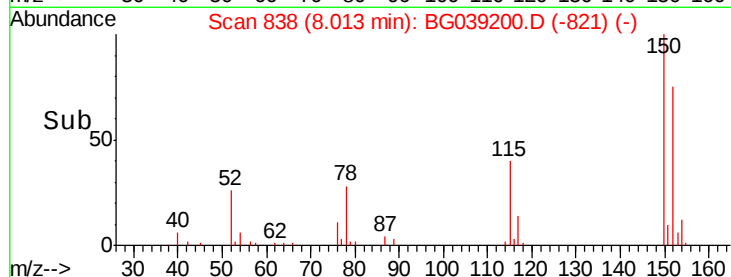
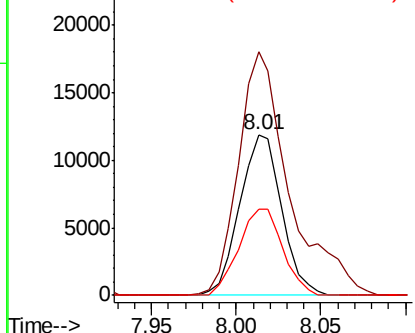


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

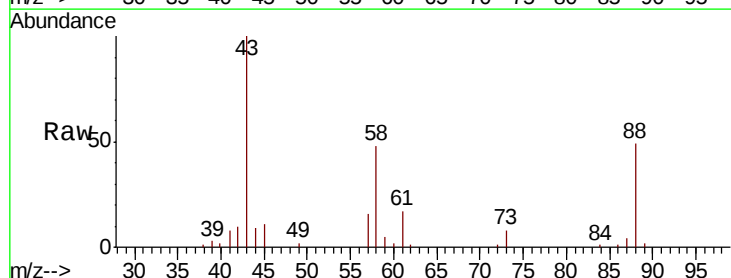
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.808 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.02 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.5	72.4	108.6
43	330.5	27.6	41.4

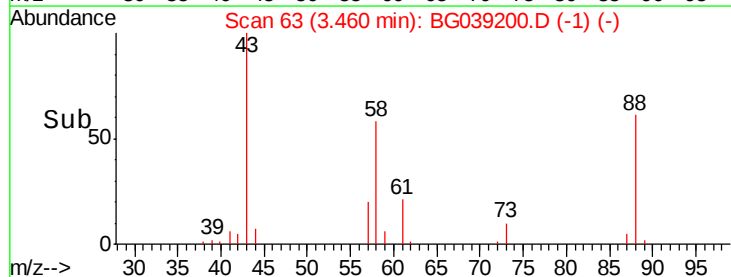
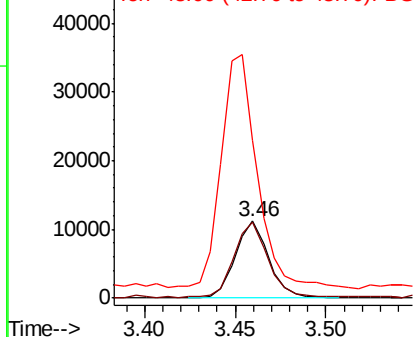


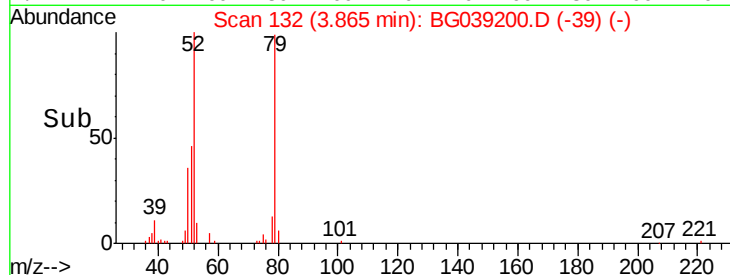
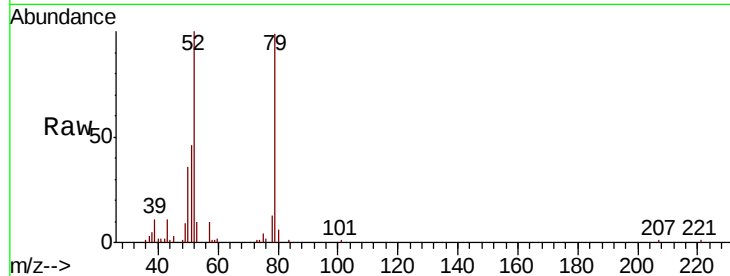
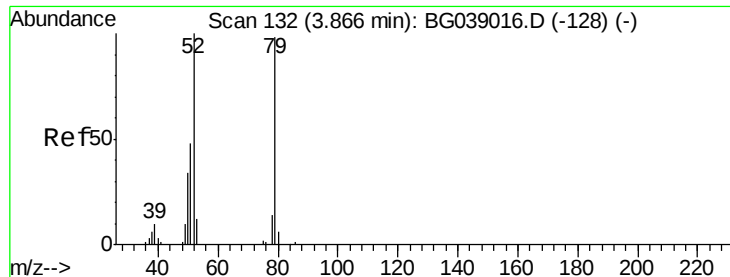
Abundance

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





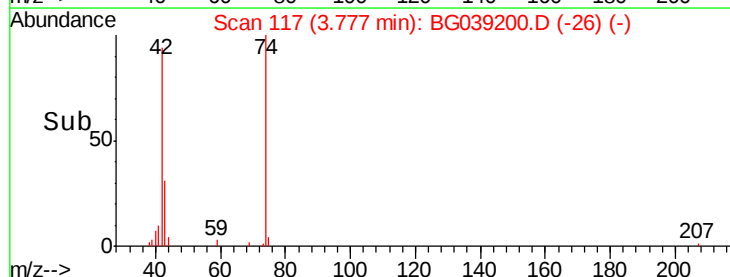
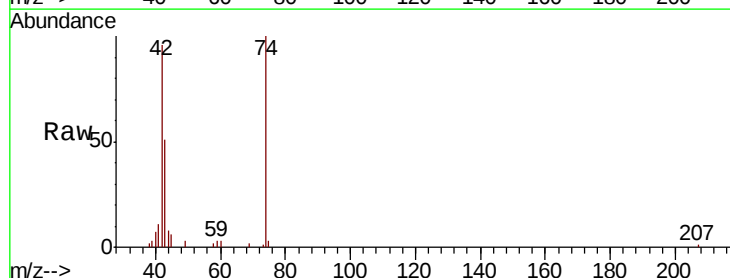
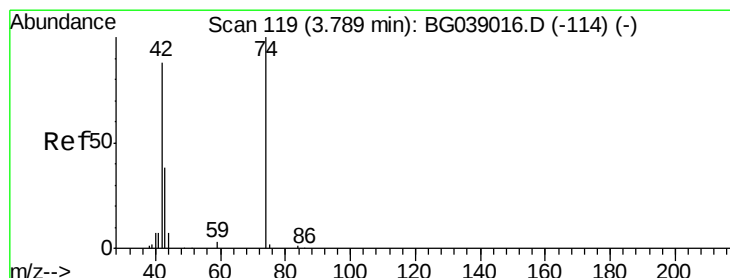
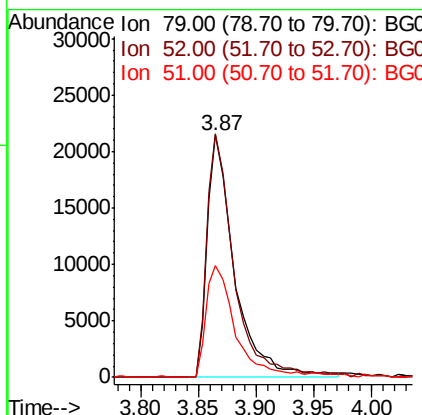
#3
 Pvridine
 Concen: 30.922 ng
 RT: 3.87 min Scan# 132
 Delta R.T. 0.02 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.6	81.5	122.3
51	46.3	39.8	59.6

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

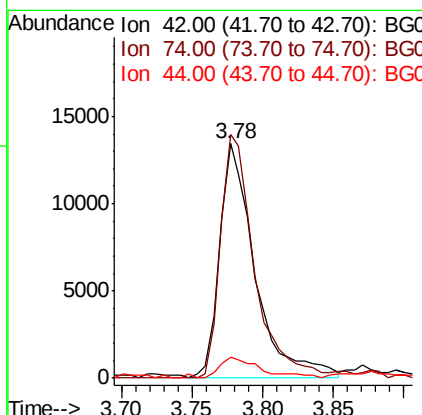
Manual Integrations
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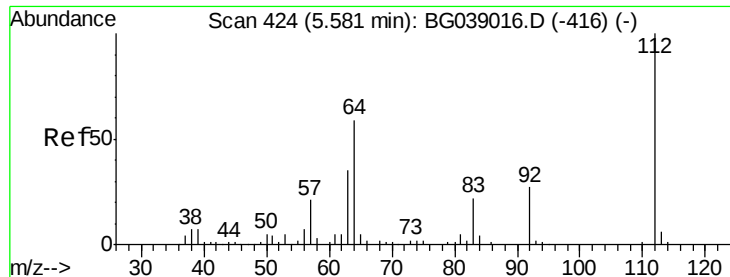
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#4
 n-Nitrosodimethylamine
 Concen: 45.569 ng
 RT: 3.78 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.8	90.7	136.1
44	8.7	6.5	9.7





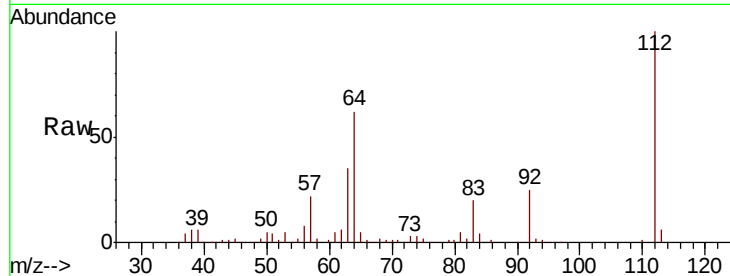
#5
2-Fluorophenol
Concen: 150.562 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampled :
RBR200044-RBR200027MS

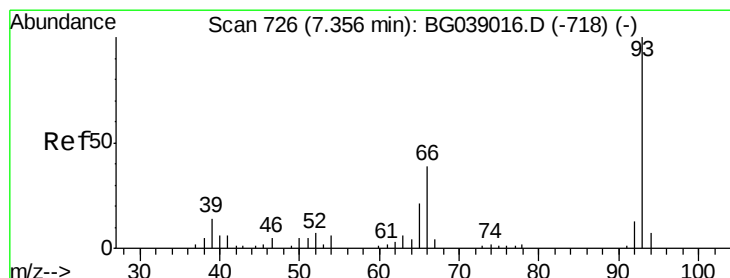
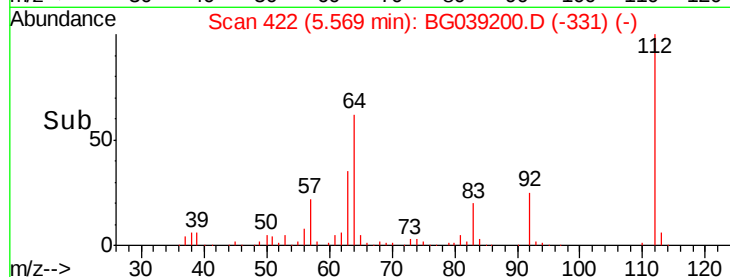
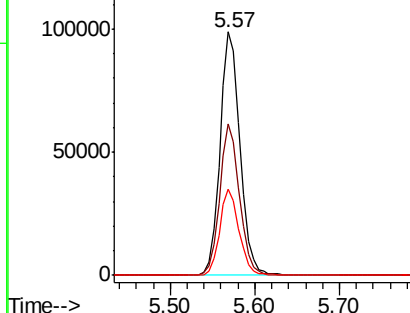
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		162318		
64	62.3		47.0	70.6	
63	35.3		28.0	42.0	

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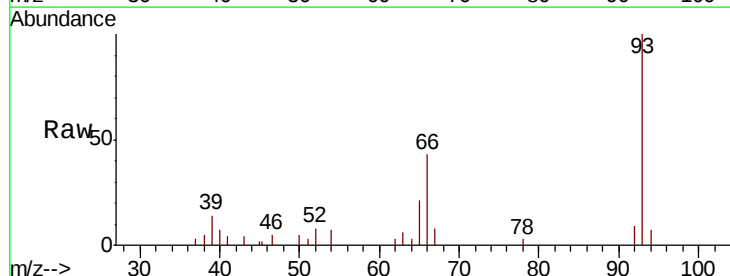


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

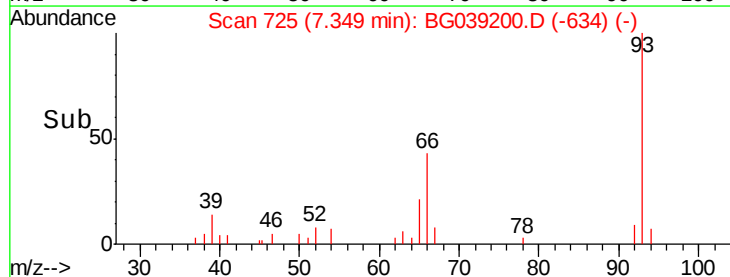
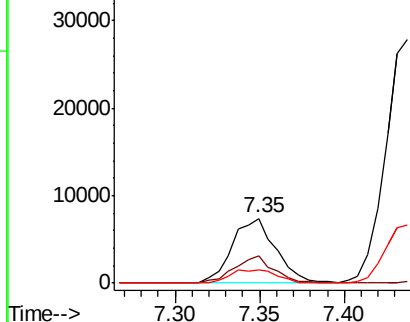


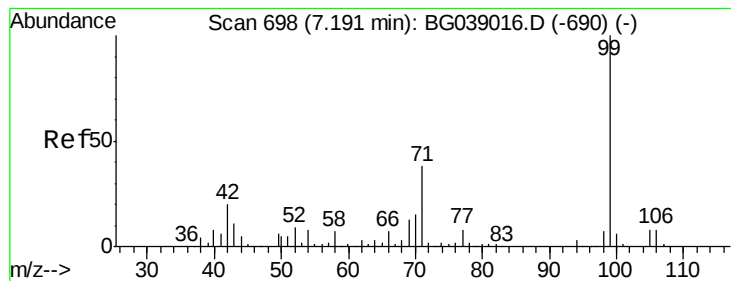
#6
Aniline
Concen: 7.107 ng
RT: 7.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		13243		
66	43.1		30.9	46.3	
65	21.0		17.0	25.4	



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





#7

Phenol-d6

Concen: 116.031 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

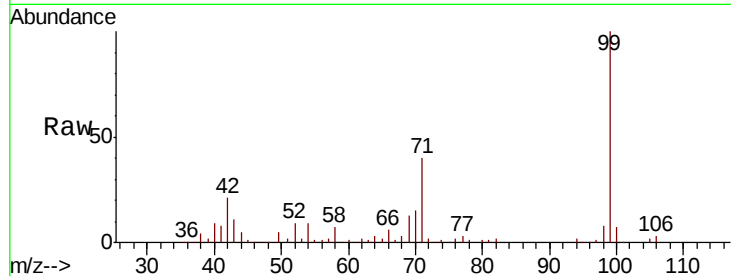
ClientSampleId :

RBR200044-RBR200027MS

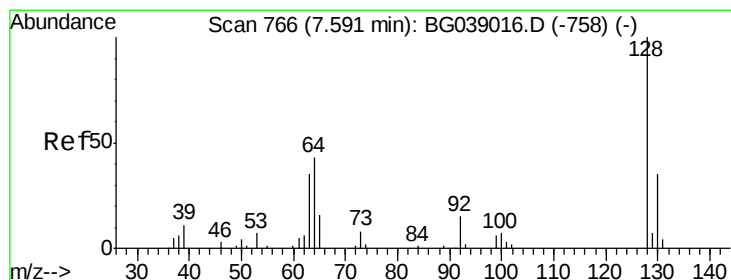
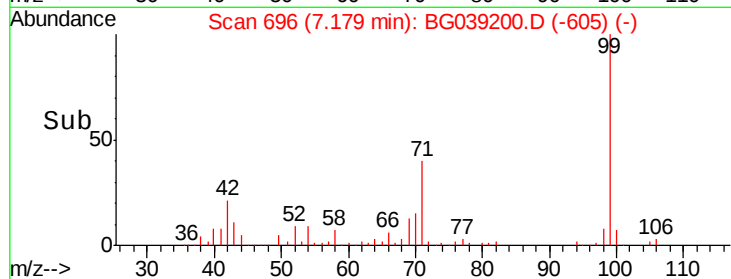
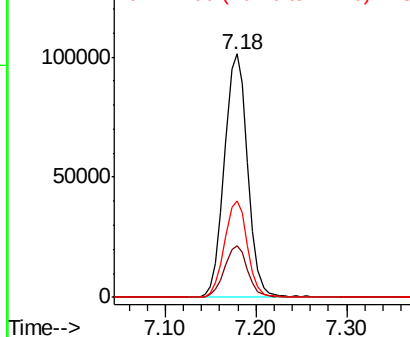
Tot Ion:	99	Resp:	180022
Ion Ratio	Lower	Upper	
99	100		
42	21.3	15.8	23.6
71	39.6	30.2	45.4

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



#8

2-Chlorophenol

Concen: 41.685 ng

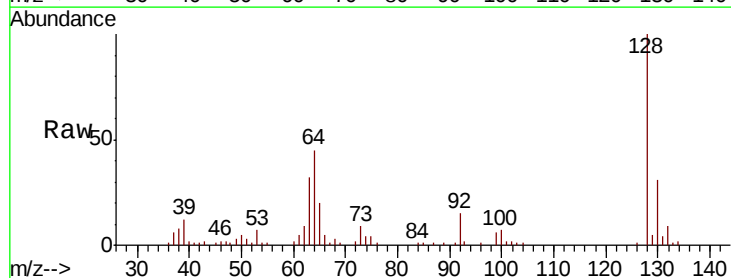
RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

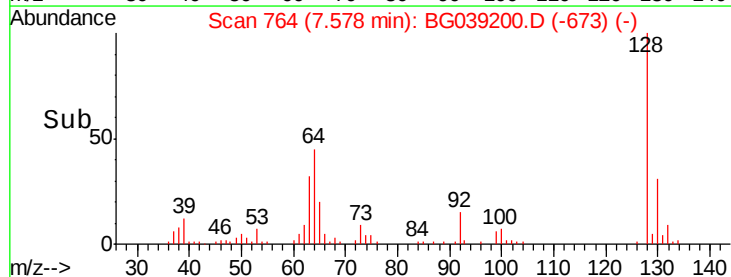
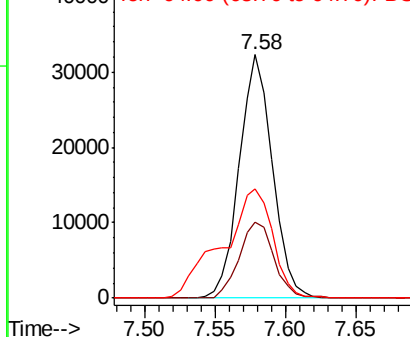
Lab File: BG039200.D

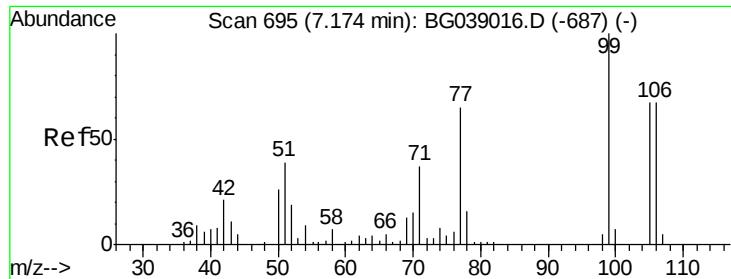
Acq: 18 Jan 2019 1:50

Tgt Ion:	128	Resp:	52975
Ion Ratio	Lower	Upper	
128	100		
130	31.0	14.5	54.5
64	44.9	27.3	67.3



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





#9

Benzaldehyde

Concen: 16.587 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

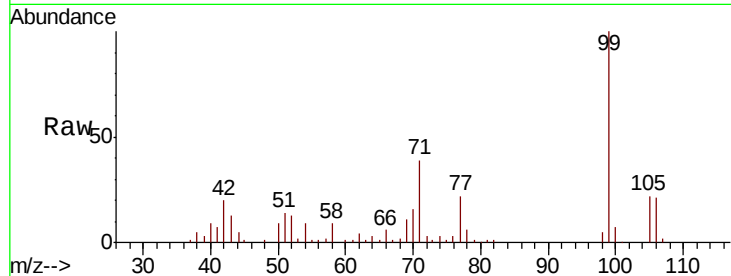
ClientSampleID :

RBR200044-RBR200027MS

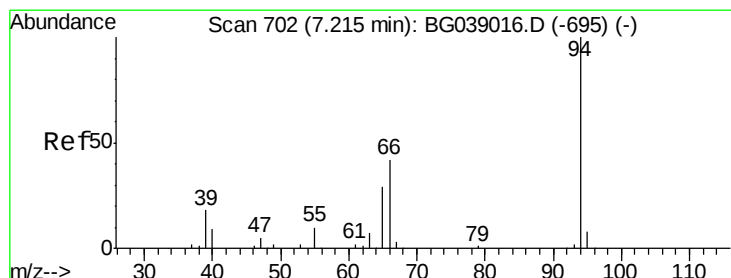
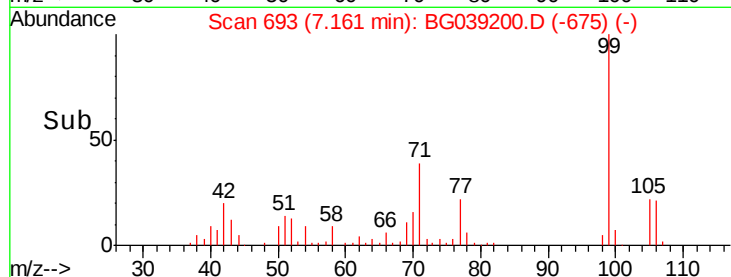
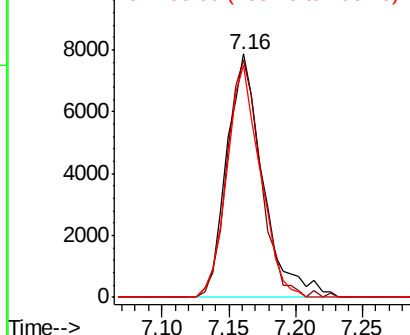
Tot Ion:	77	Resp:	14841
Ion Ratio	Lower	Upper	
77	100		
105	97.5	82.4	122.4
106	95.5	82.8	122.8

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



#10

Phenol

Concen: 34.621 ng

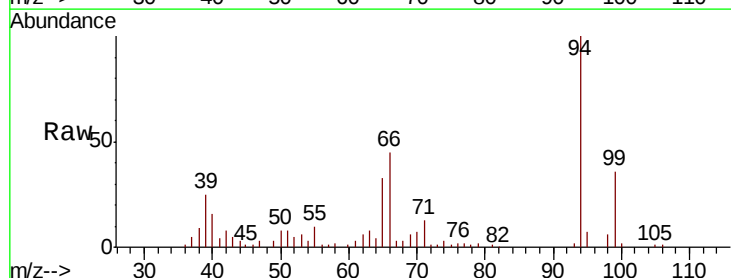
RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

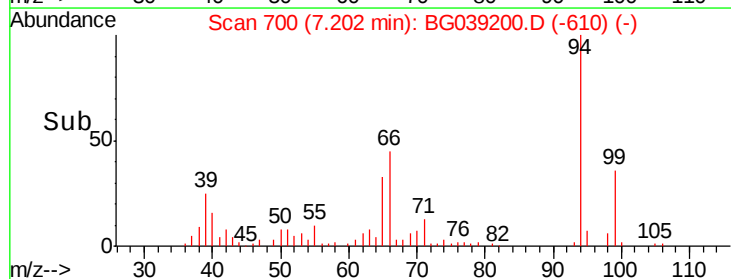
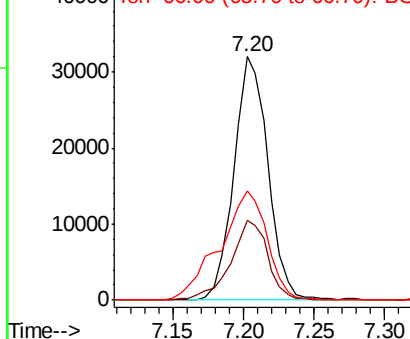
Lab File: BG039200.D

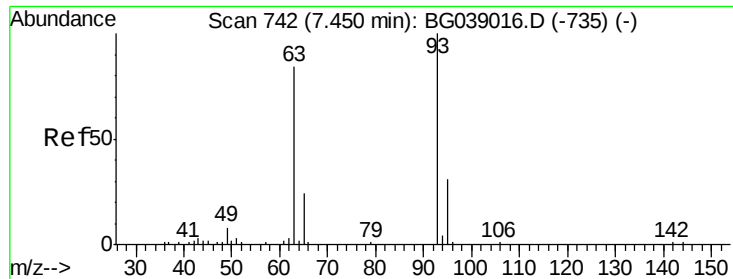
Acq: 18 Jan 2019 1:50

Tgt Ion:	94	Resp:	53853
Ion Ratio	Lower	Upper	
94	100		
65	32.5	10.3	50.3
66	45.0	25.1	65.1



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





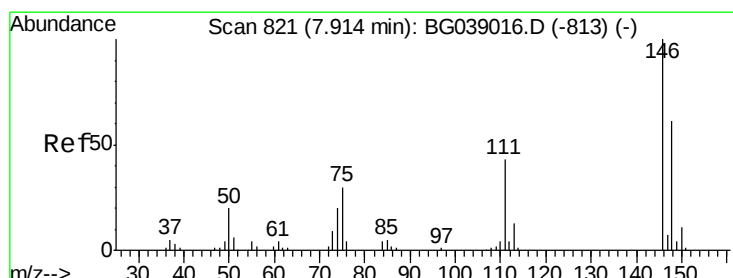
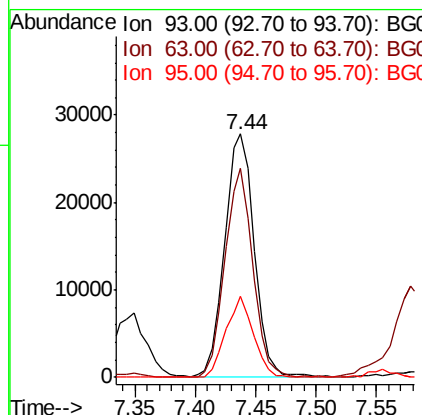
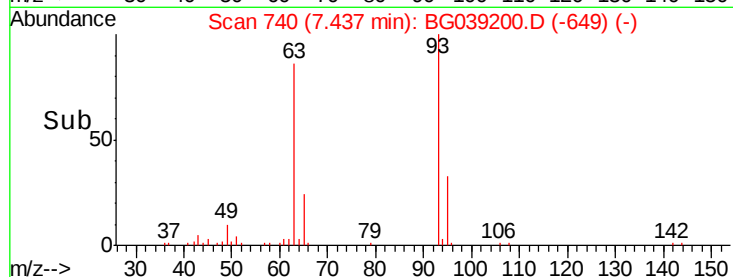
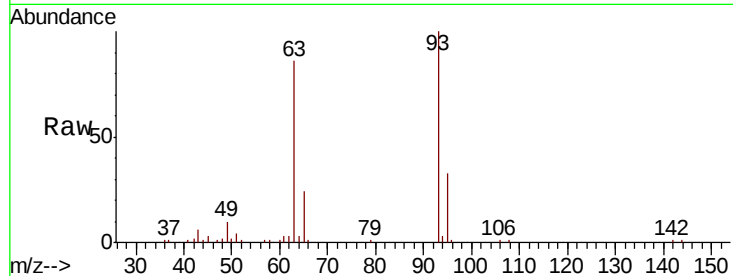
#11
bis(2-Chloroethyl)ether
Concen: 39.726 ng
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	63.2	103.2
95	33.4	11.2	51.2

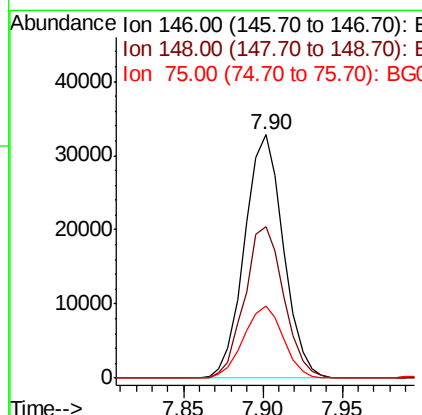
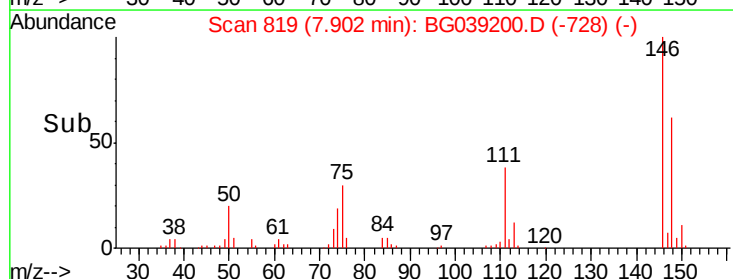
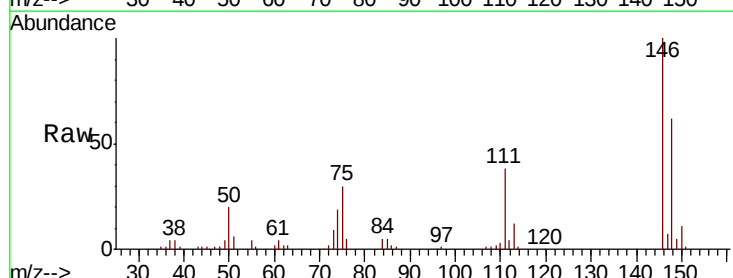
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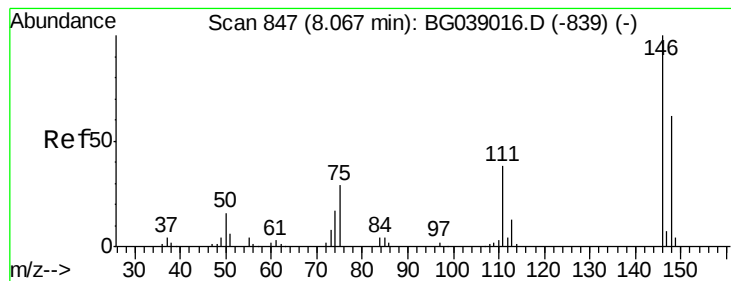
Sohil
1/18/2019 11:24:15 AM



#12
1,3-Dichlorobenzene
Concen: 36.598 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.1	73.7
75	29.8	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 37.245 ng

RT: 8.05 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

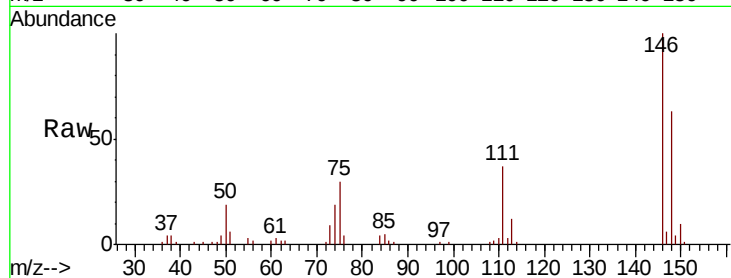
ClientSampleId :

RBR200044-RBR200027MS

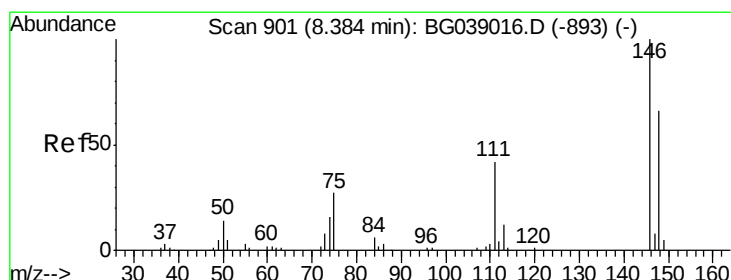
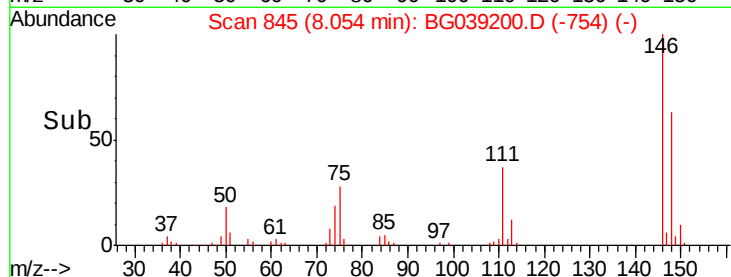
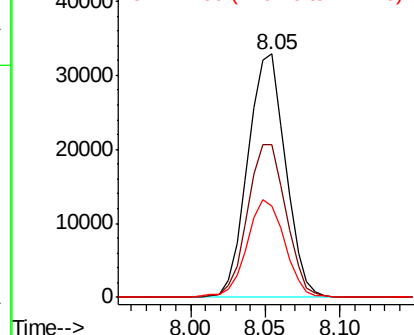
Tot Ion:	146	Resp:	57434
Ion Ratio	Lower	Upper	
146	100		
148	62.8	49.8	74.6
111	37.4	30.6	45.8

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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: 38.715 ng

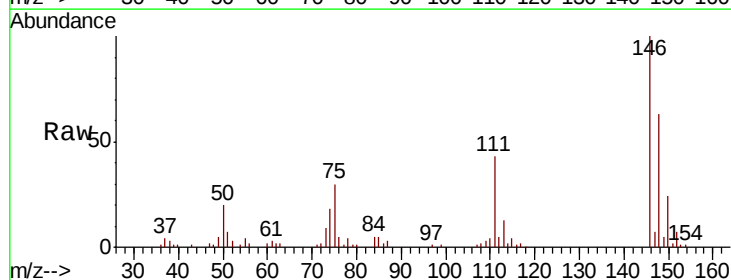
RT: 8.37 min Scan# 898

Delta R.T. -0.00 min

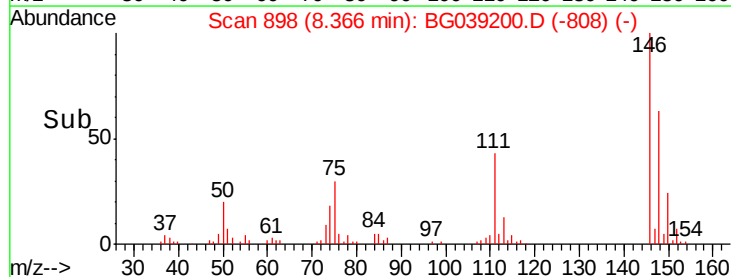
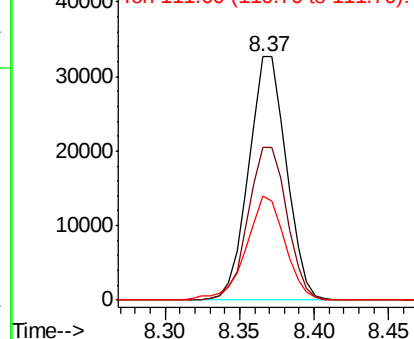
Lab File: BG039200.D

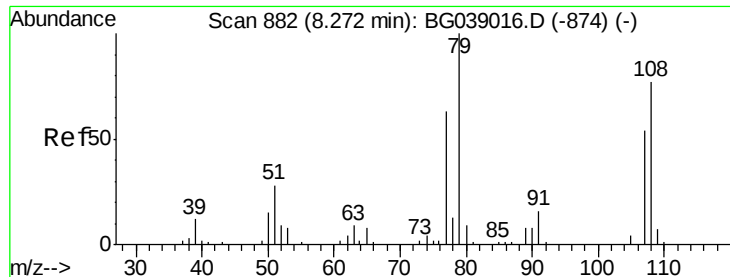
Acq: 18 Jan 2019 1:50

Tgt Ion:	146	Resp:	56922
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.6	79.0
111	42.6	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: 42.611 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

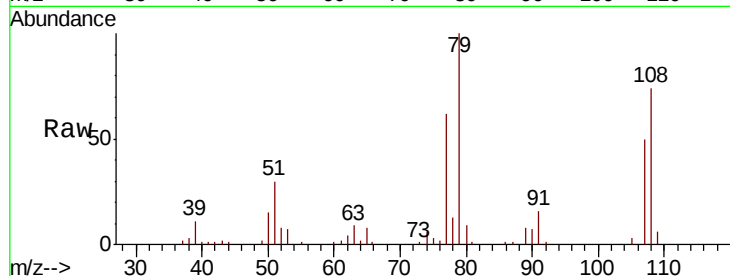
ClientSampleId :

RBR200044-RBR200027MS

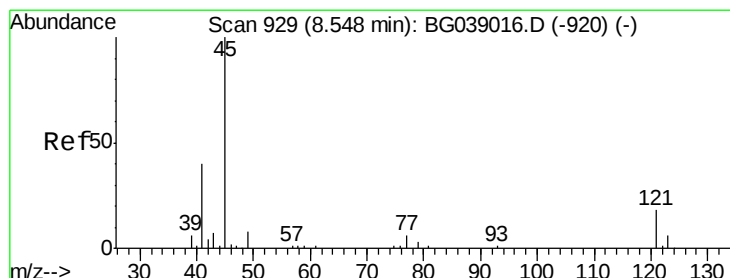
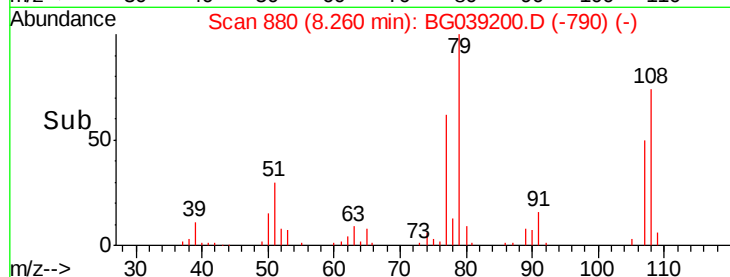
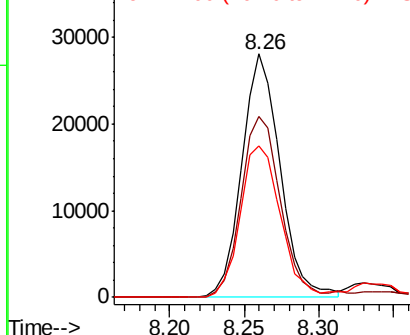
Tot Ion:	79	Resp:	49787
Ion	Ratio	Lower	Upper
79	100		
108	74.4	62.0	93.0
77	62.1	50.1	75.1

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.516 ng

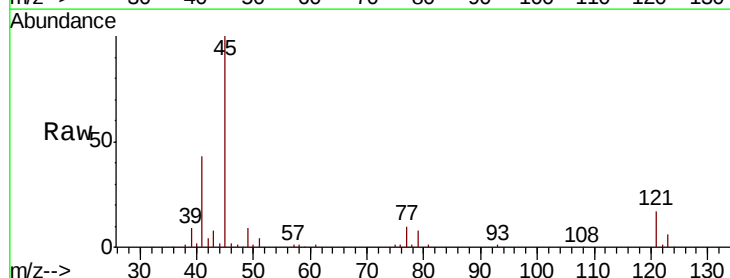
RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

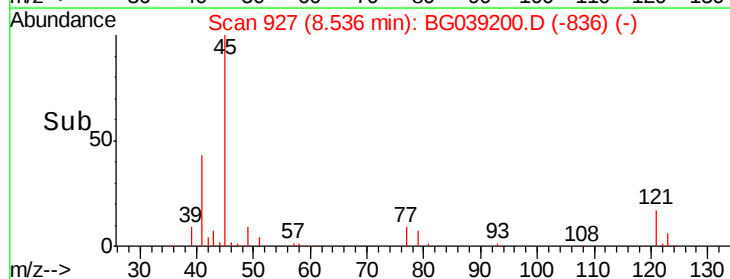
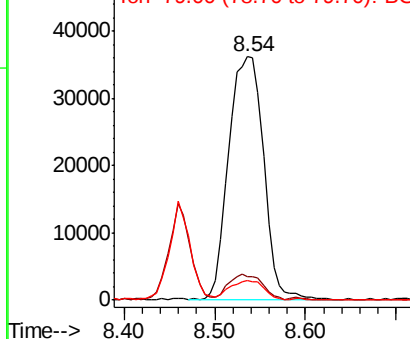
Lab File: BG039200.D

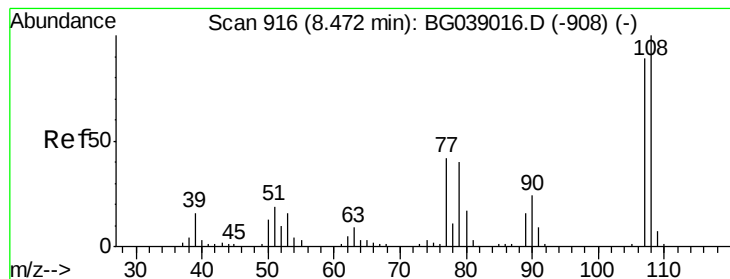
Acq: 18 Jan 2019 1:50

Tgt Ion:	45	Resp:	96921
Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.7
79	7.8	0.0	28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





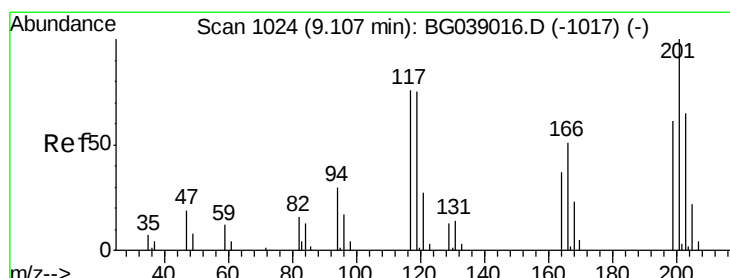
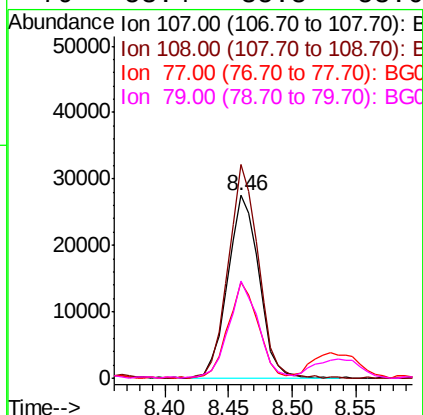
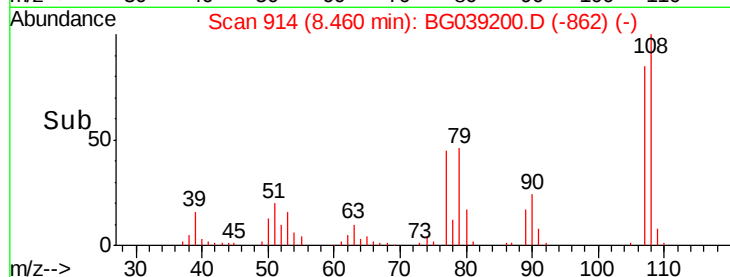
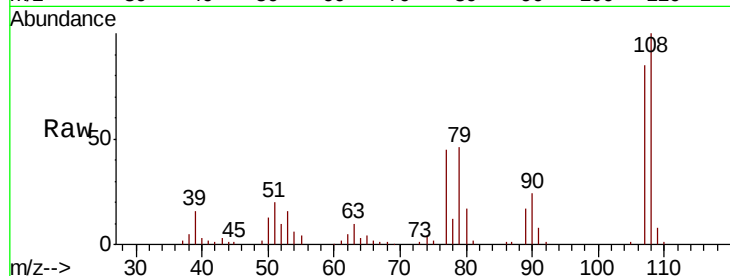
#17
2-Methylphenol
Concen: 43.429 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	46907		
108	108.00	117.0		90.3	135.5
77	77.00	52.5		38.3	57.5
79	79.00	53.4		35.8	53.6

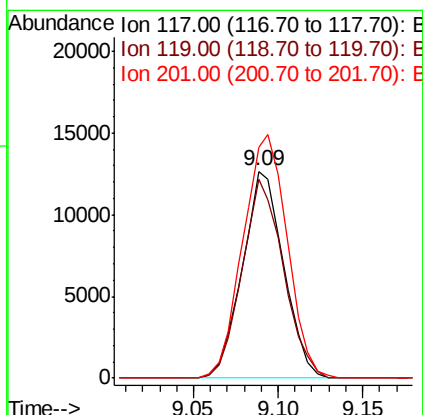
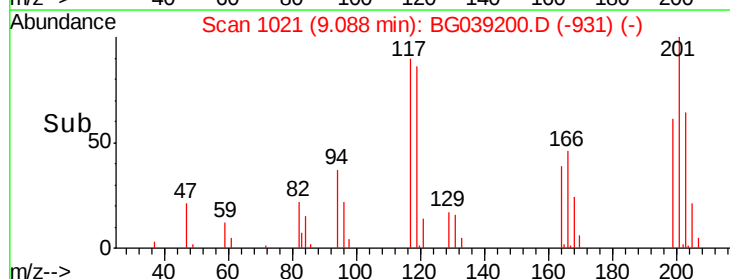
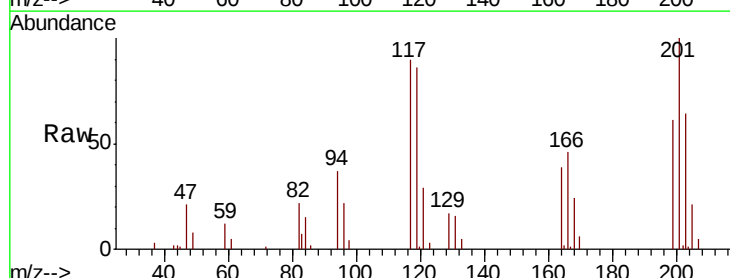
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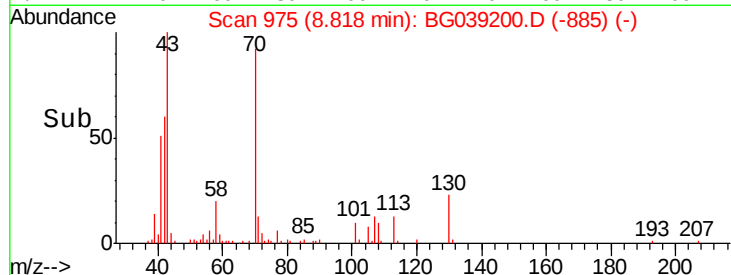
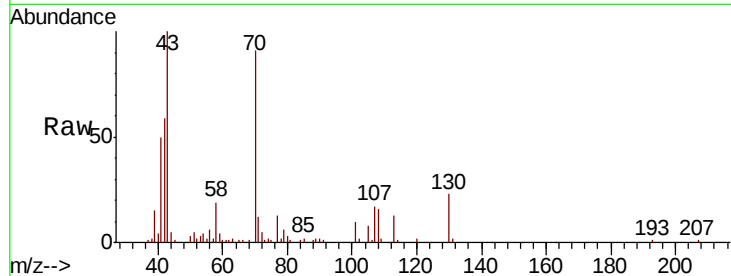
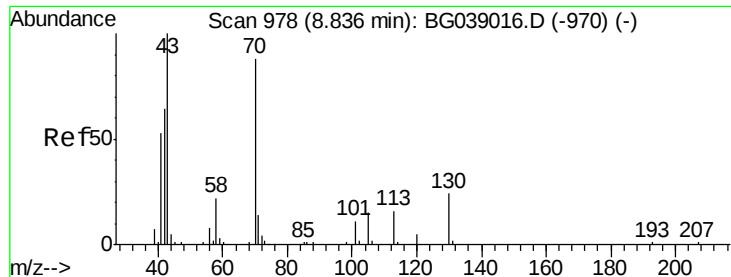
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#18
Hexachloroethane
Concen: 41.015 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	21487		
119	119.00	96.2		78.7	118.1
201	201.00	111.6		108.1	162.1





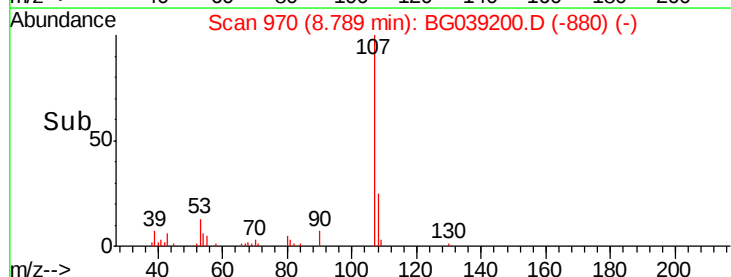
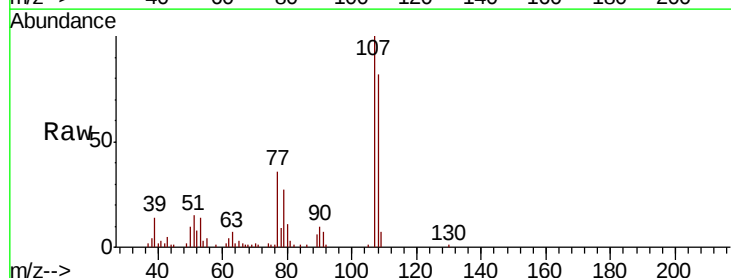
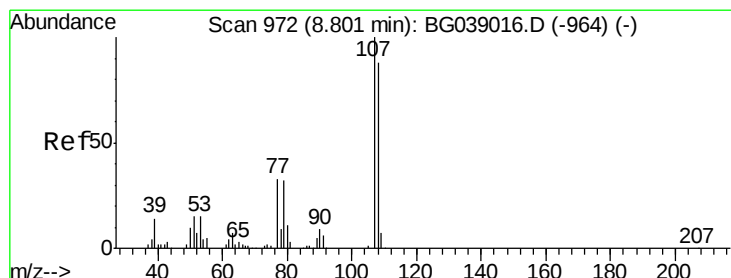
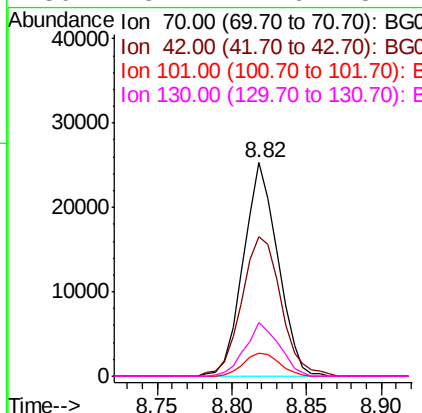
#19
n-Nitroso-di-n-propylamine
Concen: 39.694 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.3	59.0	88.4
101	10.9	10.4	15.6
130	25.2	21.6	32.4

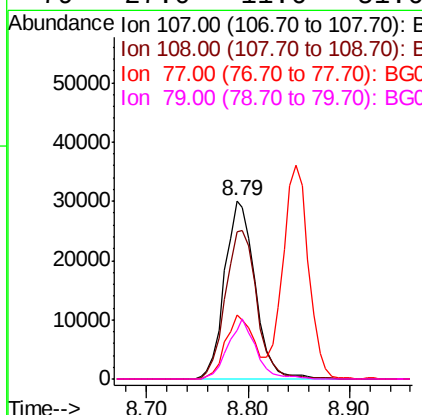
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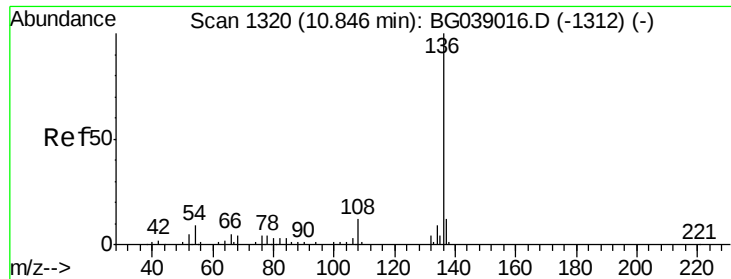
Sohil
1/18/2019 11:24:15 AM



#20
3+4-Methylphenols
Concen: 40.553 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	68.4	108.4
77	36.0	13.3	53.3
79	27.0	11.6	51.6





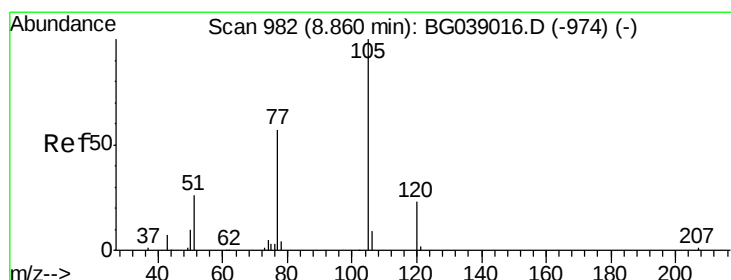
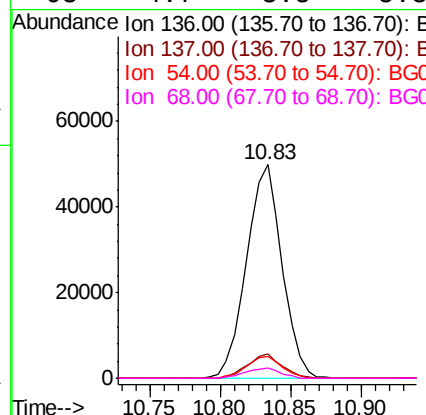
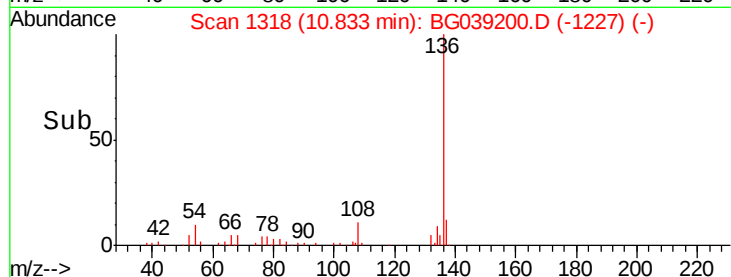
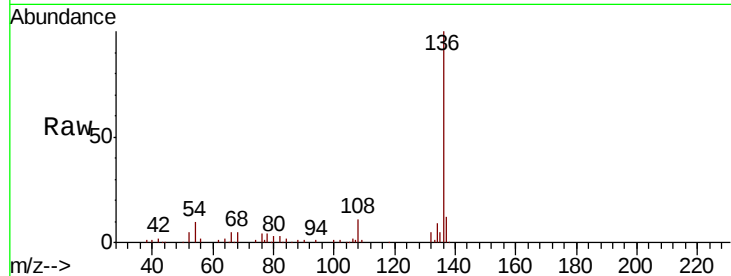
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	87804		
137	11.6		9.4	14.2
54	10.1		7.2	10.8
68	4.7		3.5	5.3

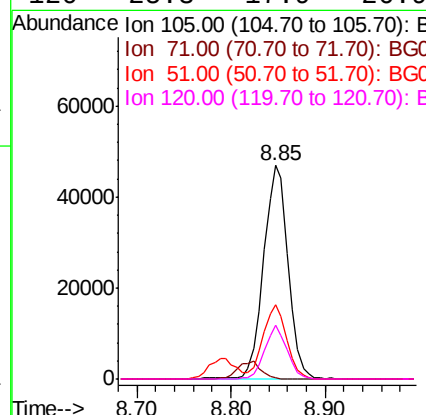
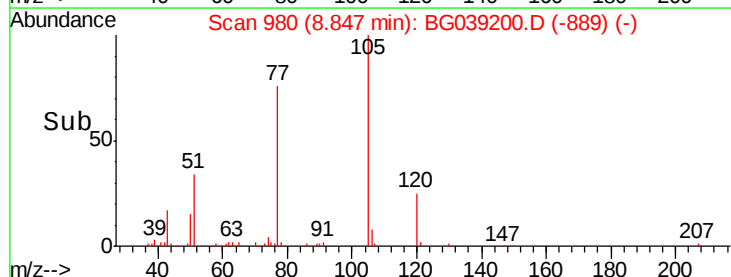
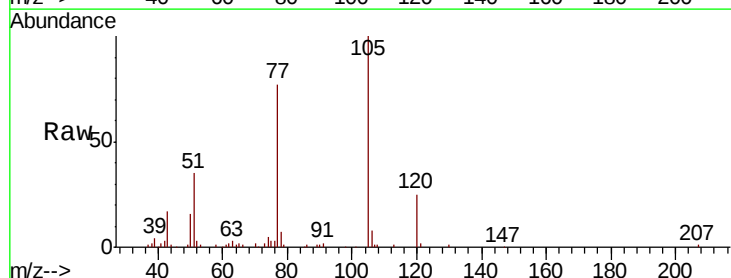
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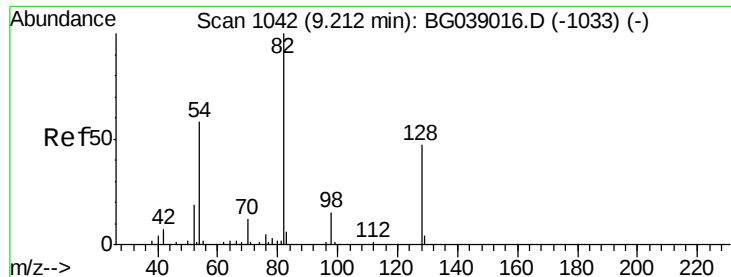
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#22
Acetophenone
Concen: 36.716 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	84190		
71	0.5		0.6	1.0#
51	34.6		26.6	39.8
120	25.3		17.9	26.9





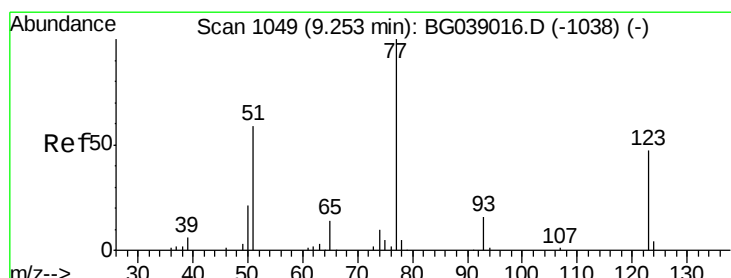
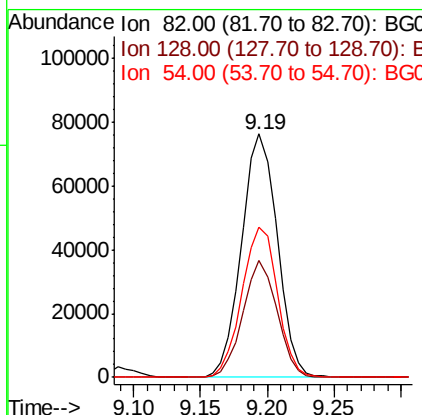
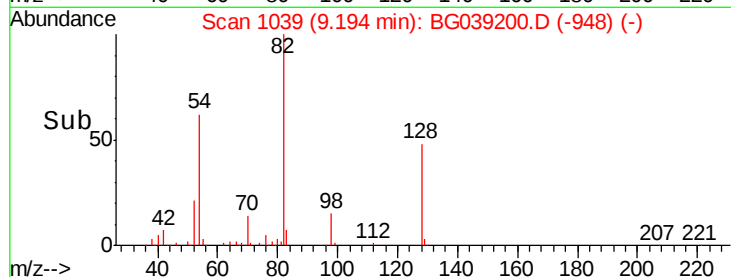
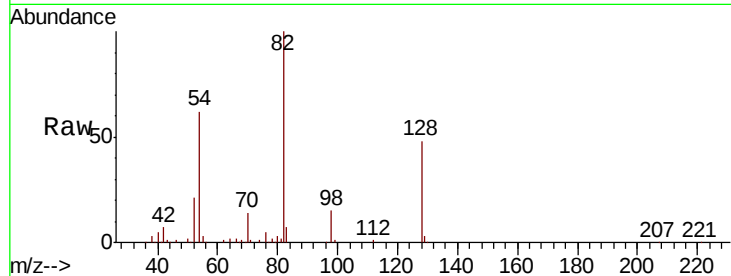
#23
 Nitrobenzene-d5
 Concen: 88.173 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.3	55.9
54	61.9	46.4	69.6

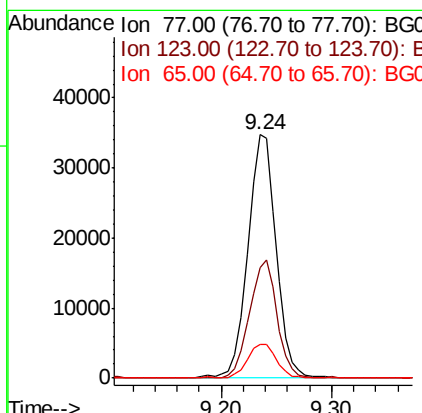
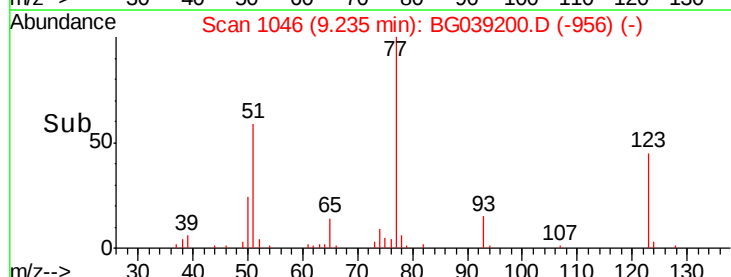
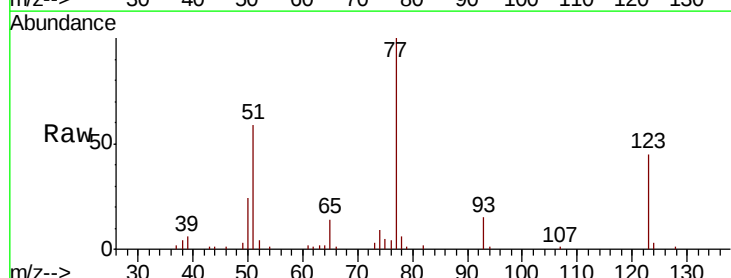
Manual Integrations
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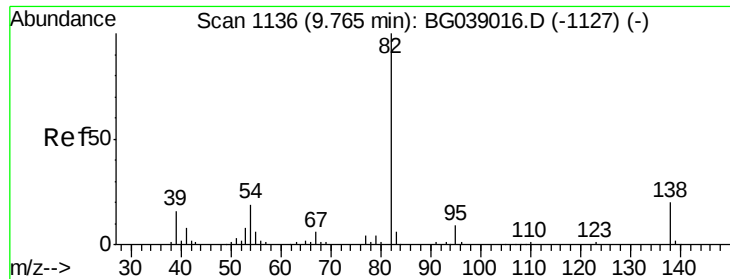
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#24
 Nitrobenzene
 Concen: 38.434 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.6	56.4
65	14.0	11.0	16.6





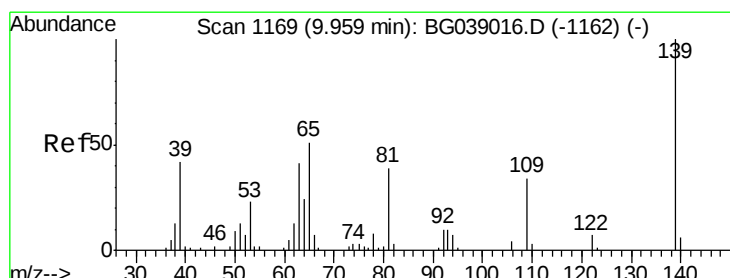
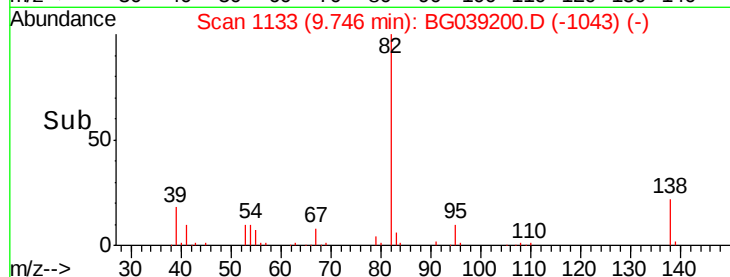
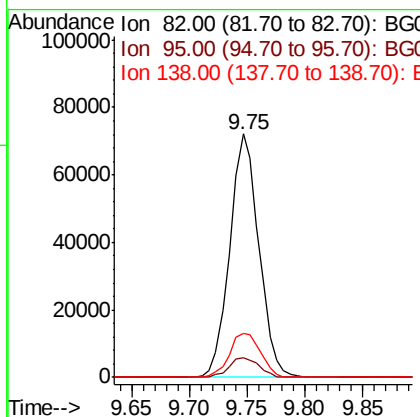
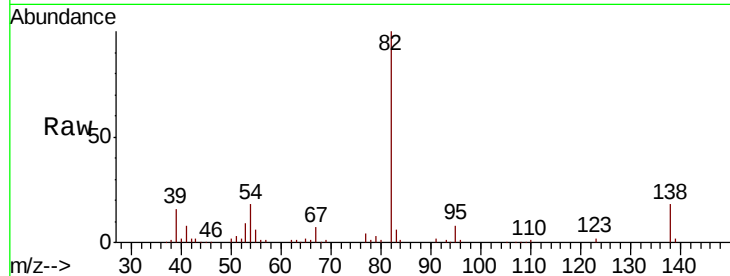
#25
Isophorone
Concen: 45.441 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	7.0	10.6	
138	18.2	16.2	24.4	

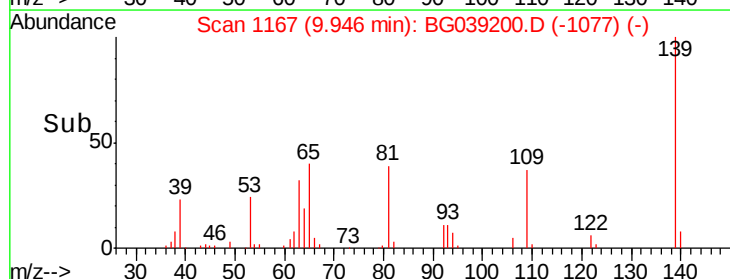
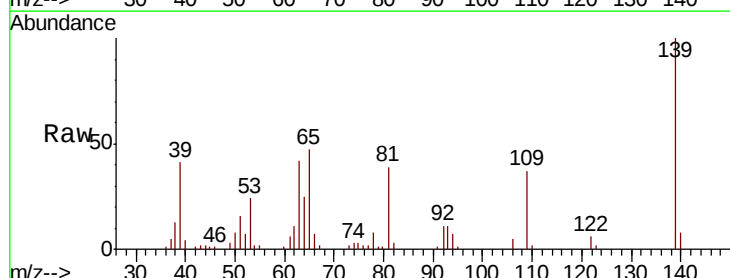
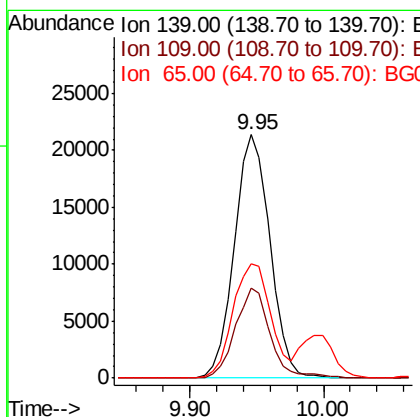
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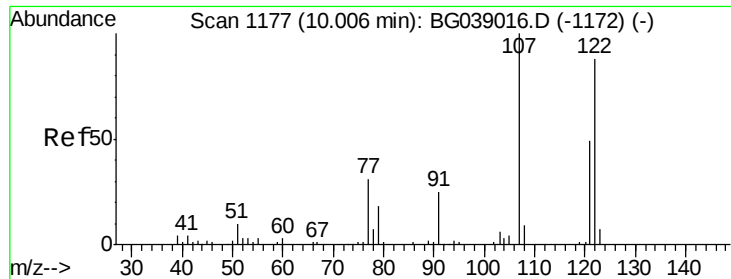
Sohil
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#26
2-Nitrophenol
Concen: 44.969 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.8	27.3	40.9	
65	47.1	40.6	61.0	





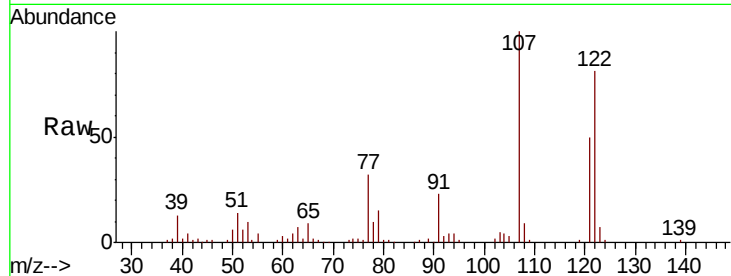
#27
2,4-Dimethylphenol
Concen: 50.469 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	88.8	133.2
121	61.7	43.1	64.7

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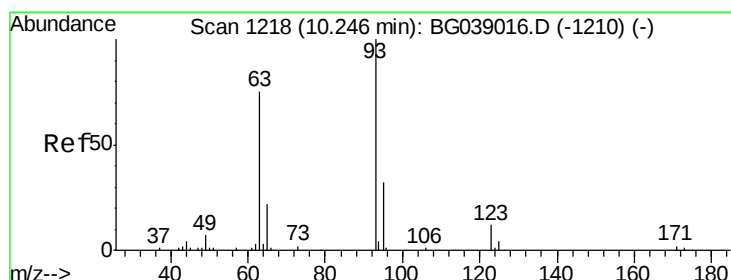
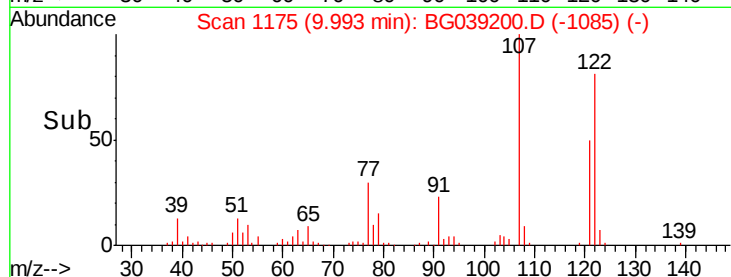
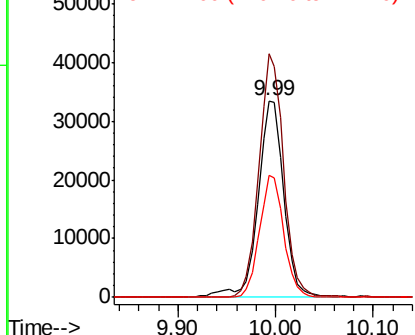


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 45.212 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

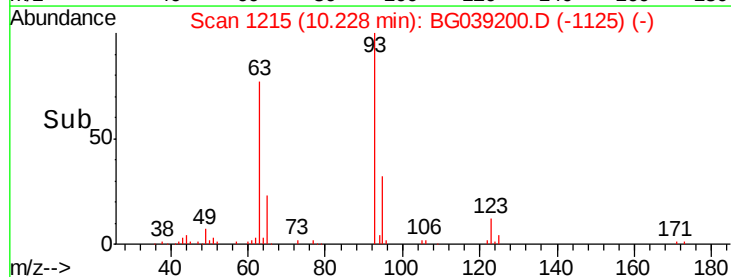
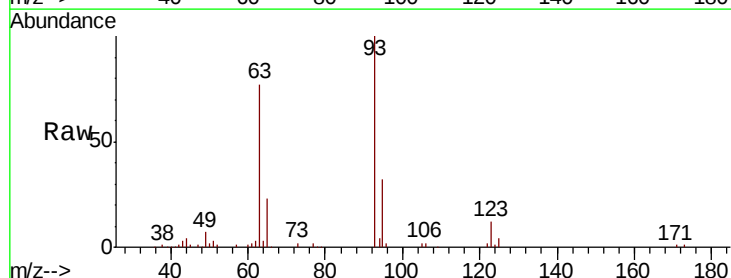
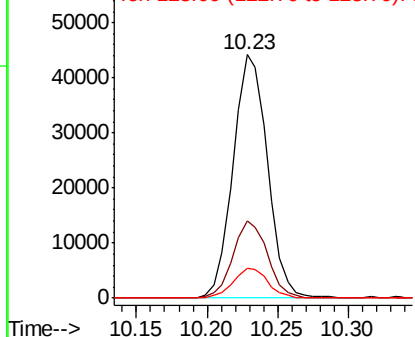
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	12.1	10.1	15.1

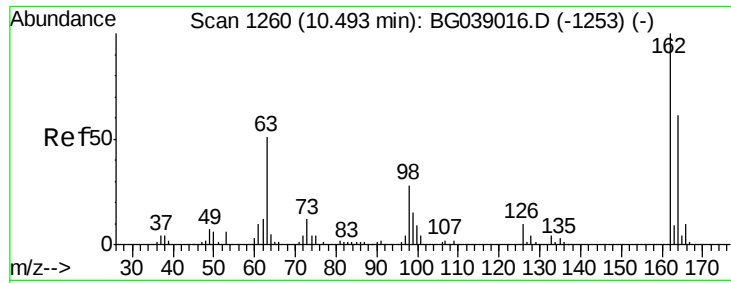
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





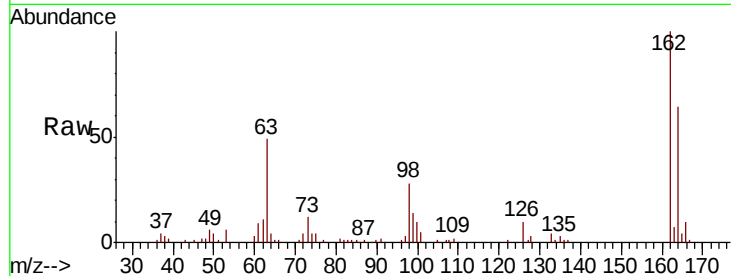
#29
 2,4-Dichlorophenol
 Concen: 47.385 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	41.3	81.3
98	28.0	8.3	48.3

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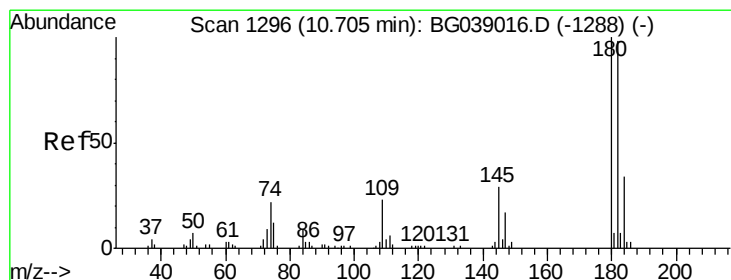
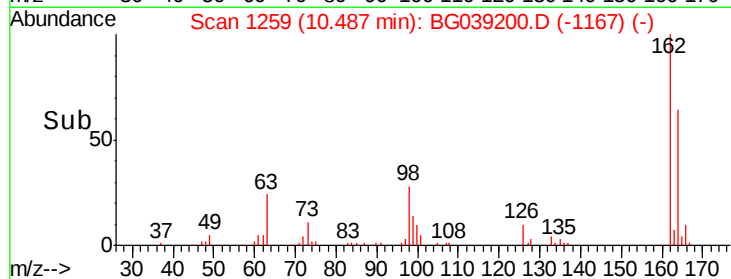
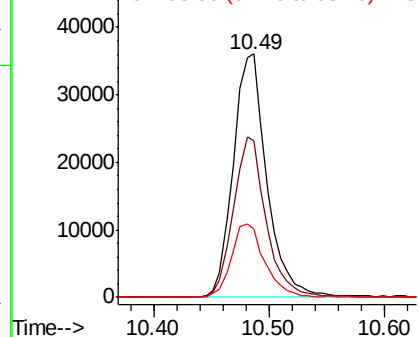


Abundance

Ion 162.00 (161.70 to 162.70): E

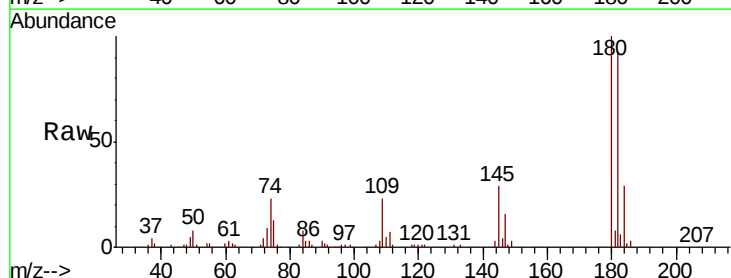
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.216 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.3	78.1	117.1
145	29.0	23.1	34.7

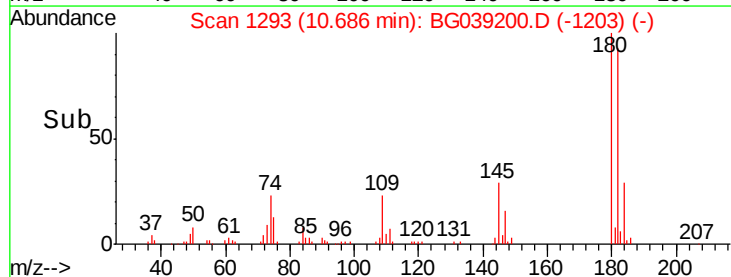
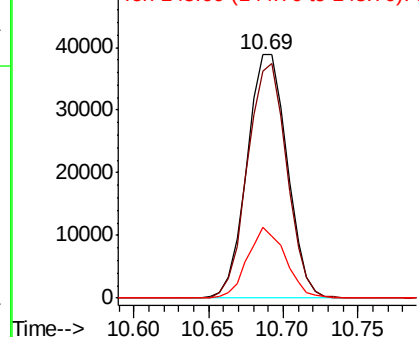


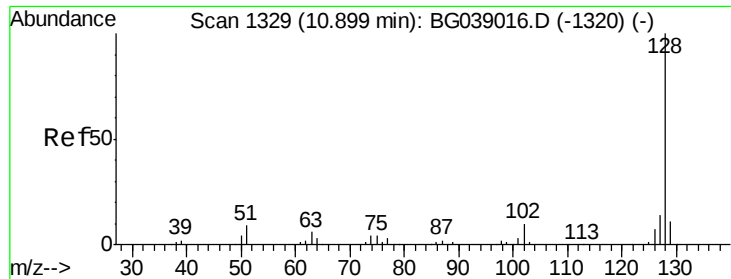
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





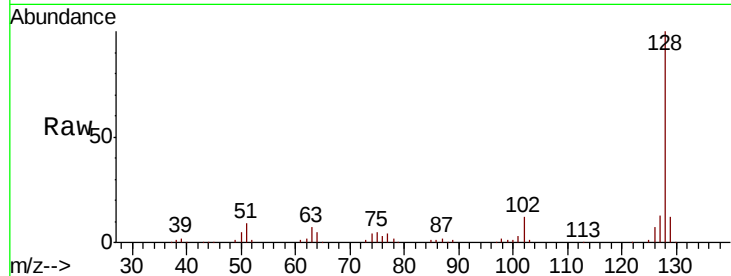
#31
Naphthalene
Concen: 44.165 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

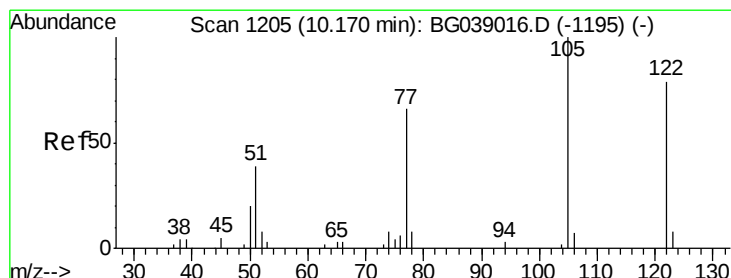
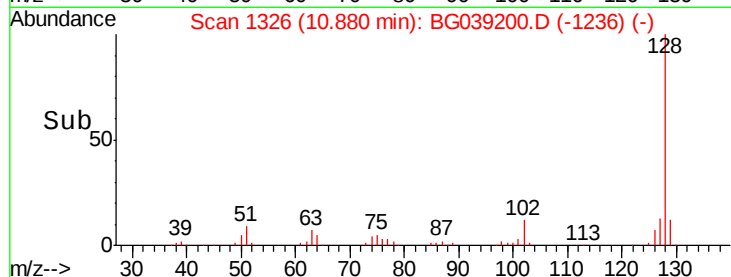
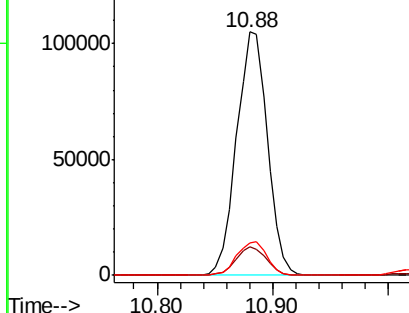
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.1	11.2	16.8

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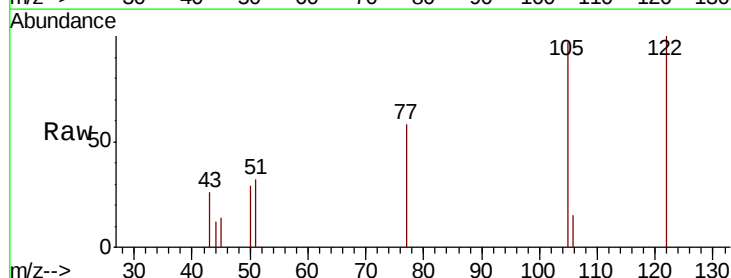


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

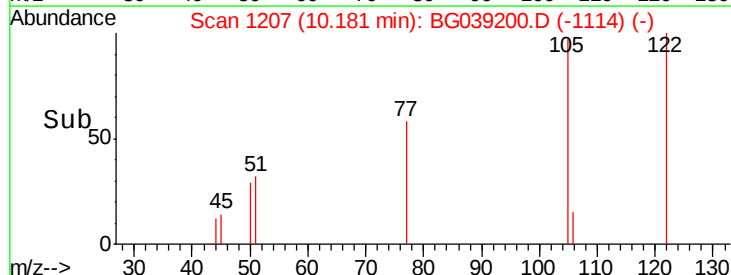
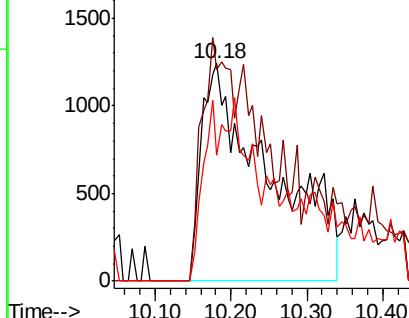


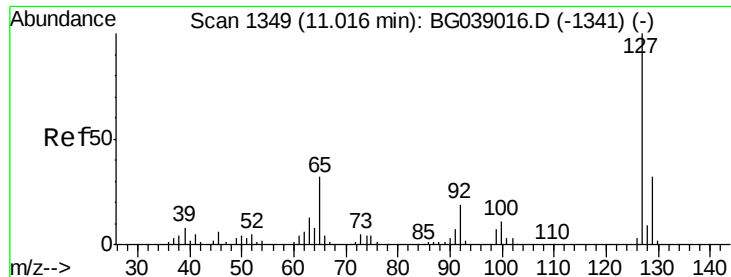
#32
Benzoic acid
Concen: 17.669 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	97.4	106.4	146.4#
77	58.1	63.6	103.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





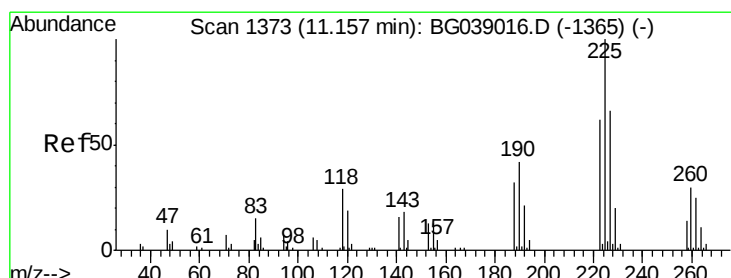
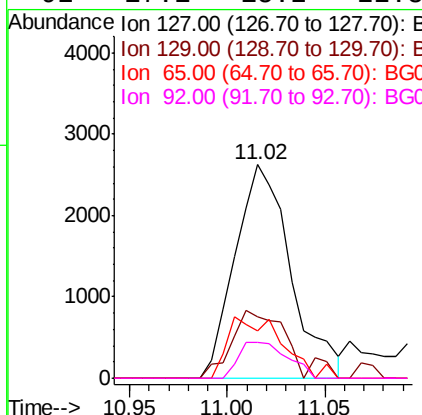
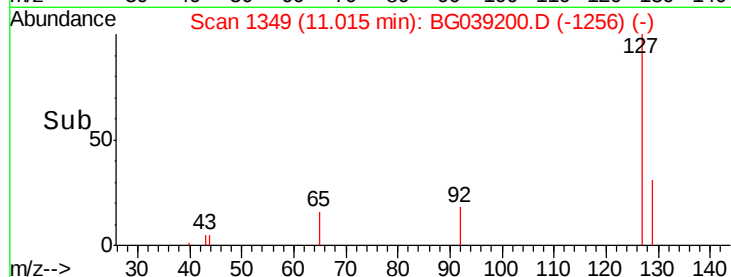
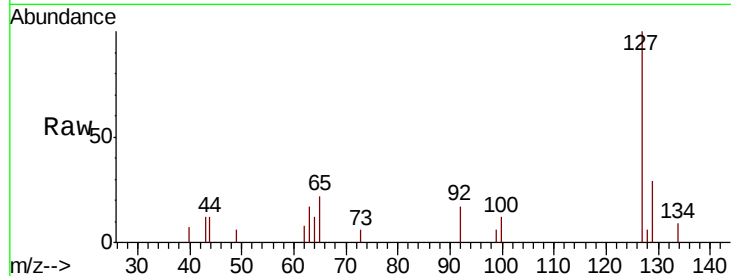
#33
4-Chloroaniline
Concen: 2.632 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.1	25.4	38.0		
65	22.5	25.4	38.0		
92	17.1	15.2	22.8		

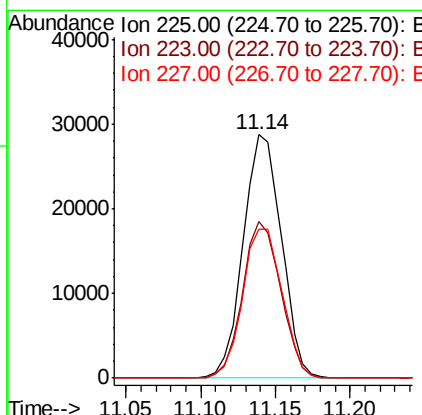
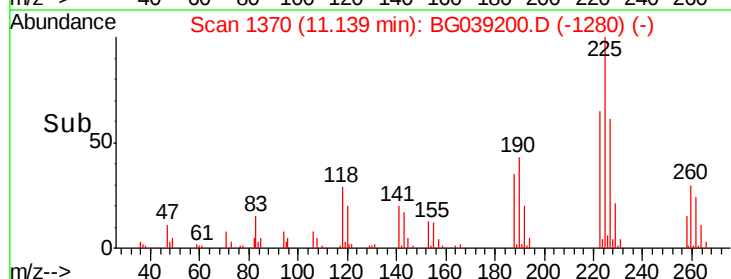
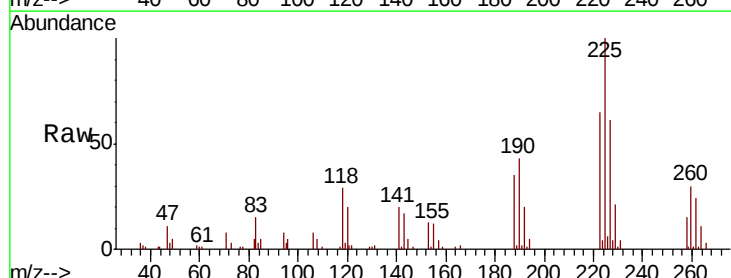
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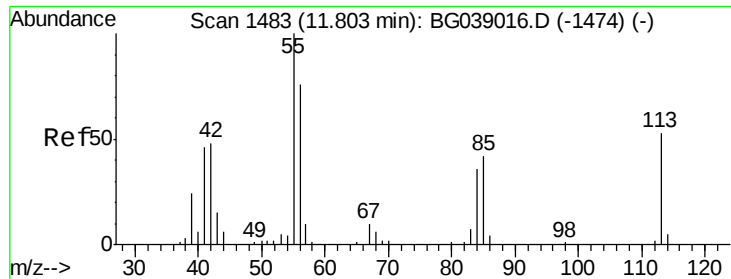
Sohil
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#34
Hexachlorobutadiene
Concen: 40.254 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	68.2	50.2	75.4		
227	64.9	53.2	79.8		





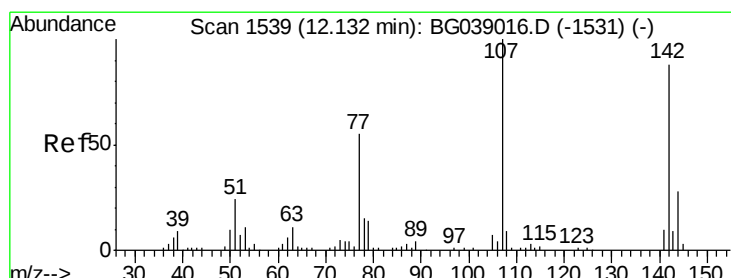
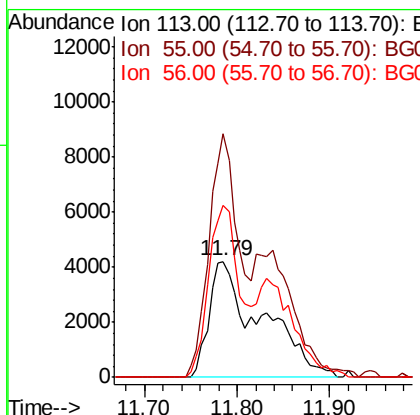
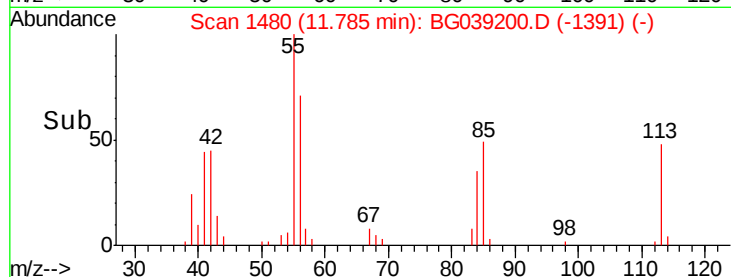
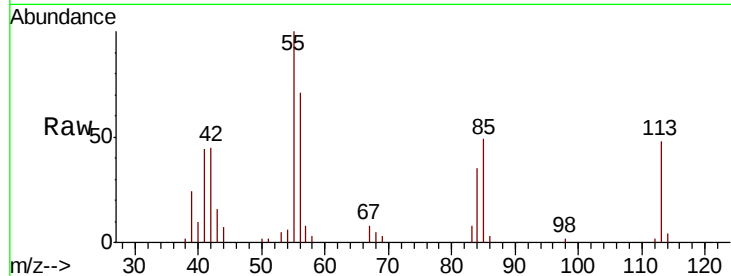
#35
 Caprolactam
 Concen: 26.984 ng/ml
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion:113 Resp: 16591
 Ion Ratio Lower Upper
 113 100
 55 210.1 168.6 208.6#
 56 148.8 123.2 163.2

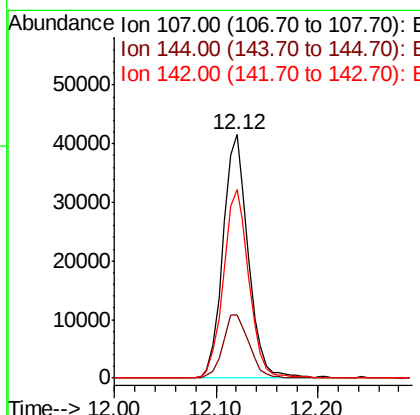
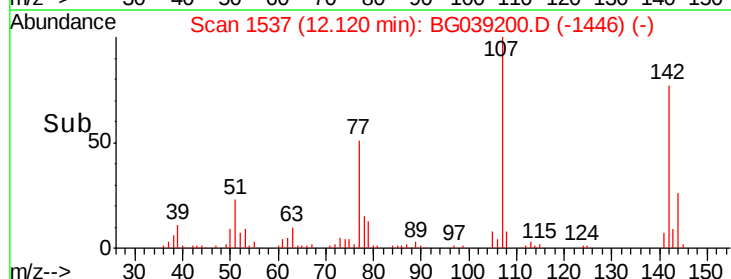
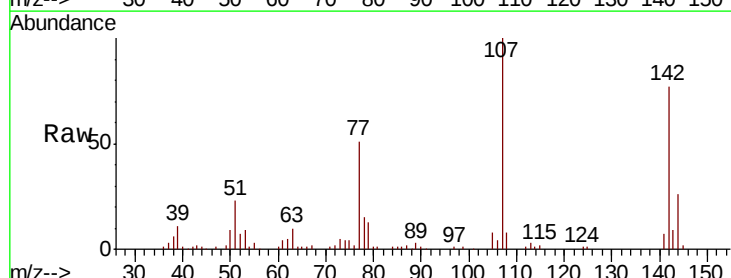
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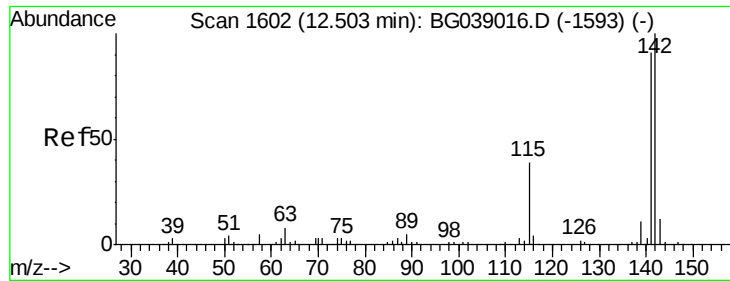
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 43.573 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion:107 Resp: 71458
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.6 34.0
 142 77.4 70.2 105.4





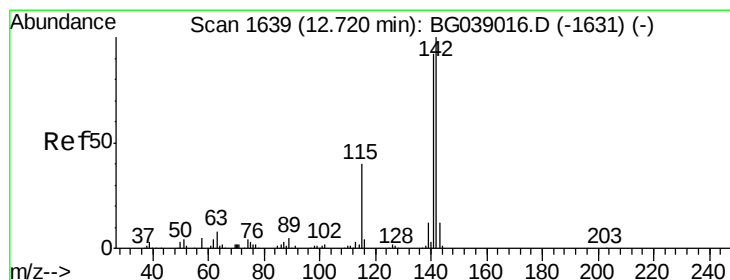
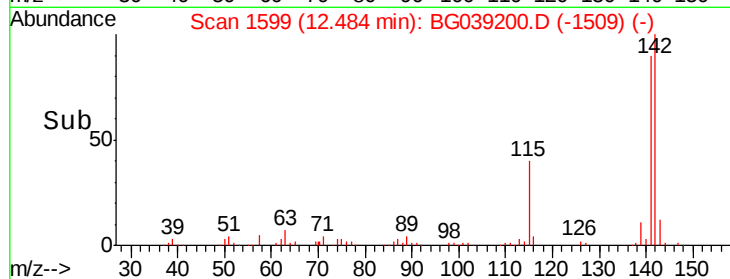
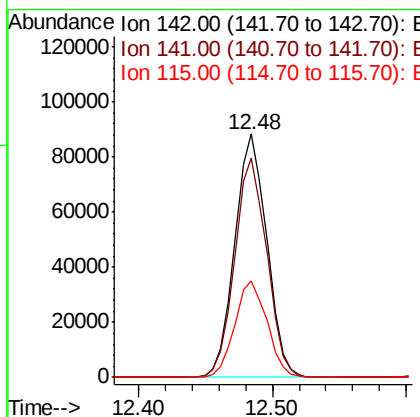
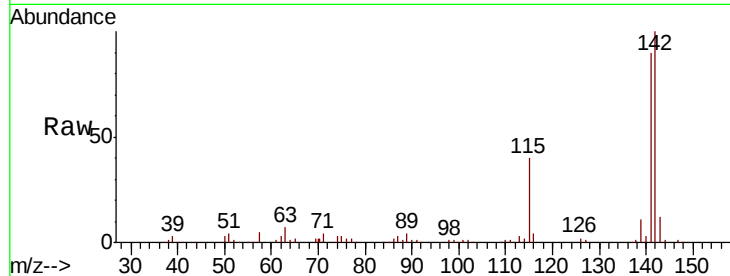
#37
2-Methylnaphthalene
Concen: 44.507 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	109.0
115	39.7	31.1	46.7

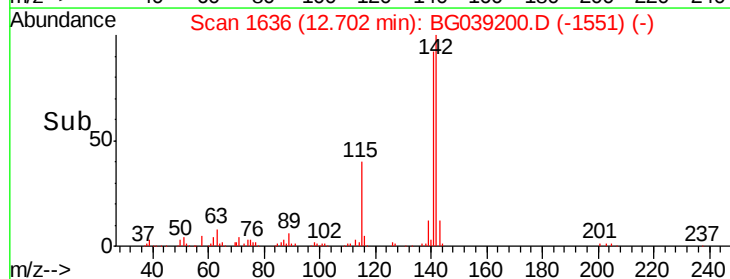
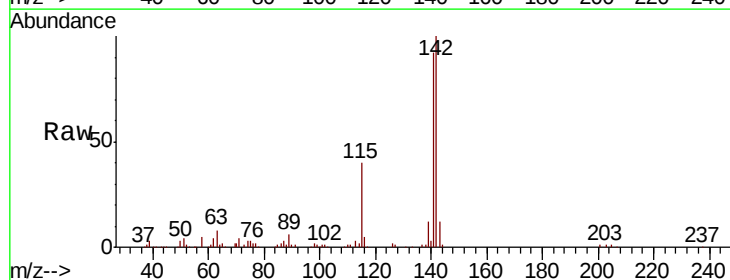
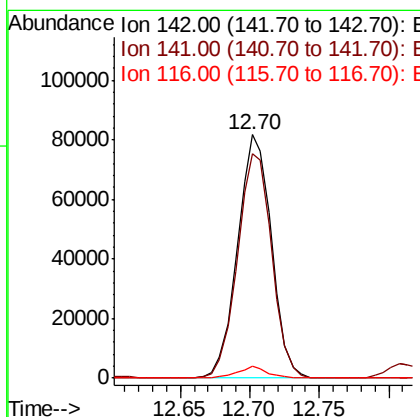
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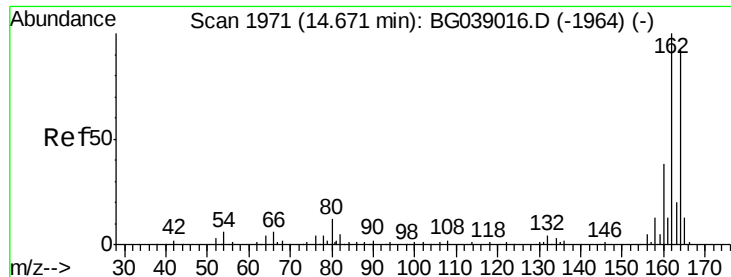
Sohil
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#38
1-Methylnaphthalene
Concen: 43.521 ng m
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.3	109.9
116	4.7	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: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:164 Resp: 61408

Ion Ratio Lower Upper

164 100

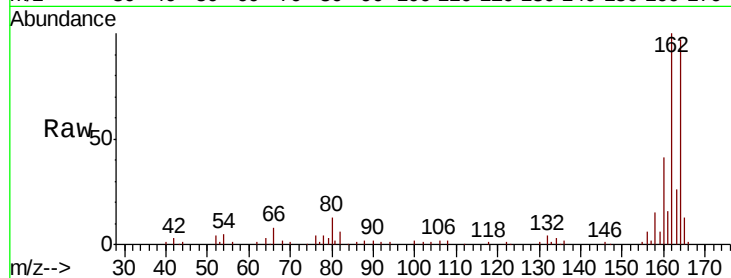
162 103.0 87.2 130.8

160 42.0 33.3 49.9

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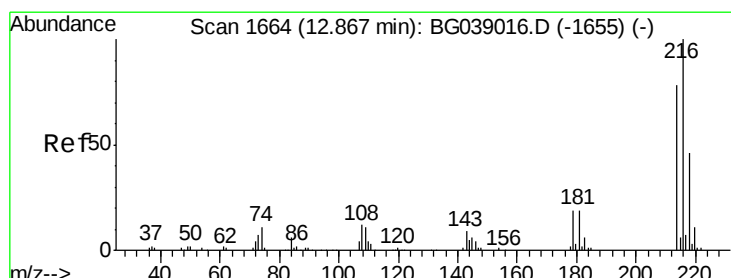
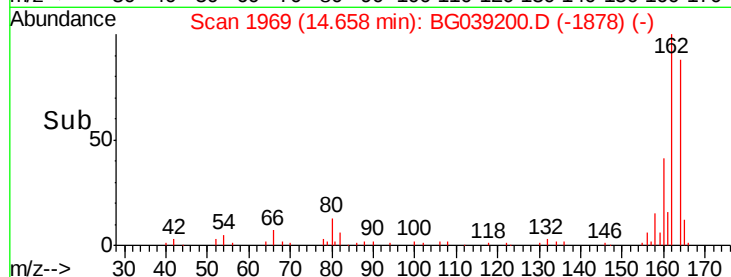
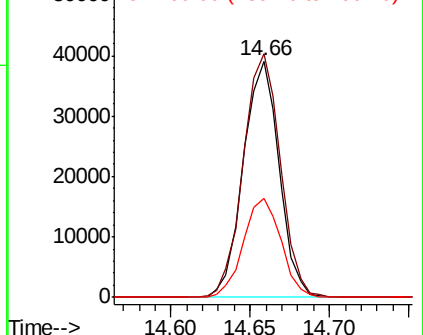


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.121 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion:216 Resp: 92529

Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 19.5 15.5 23.3

108 15.4 11.4 17.2

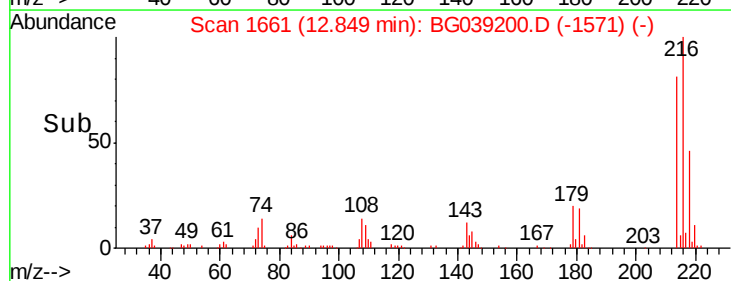
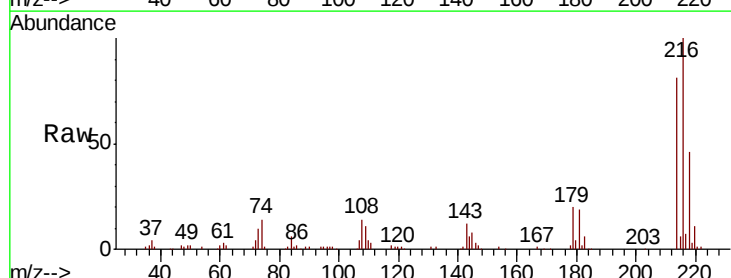
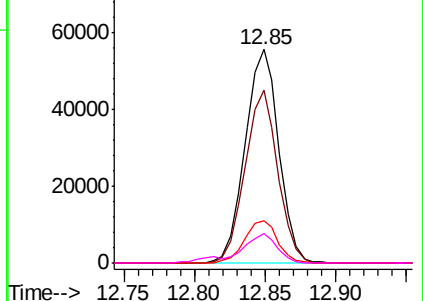
Abundance

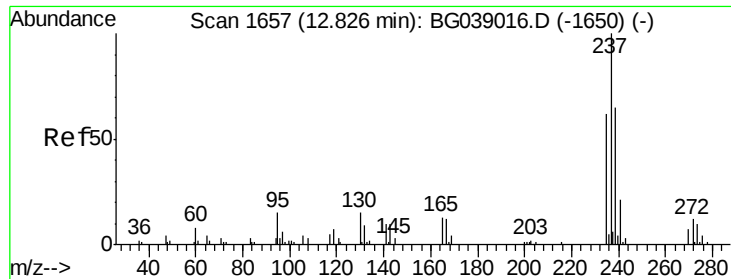
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.331 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

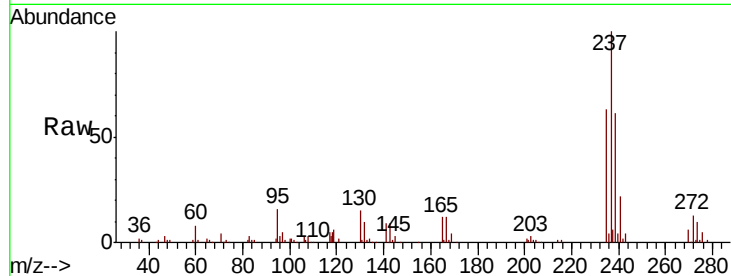
ClientSampleId :

RBR200044-RBR200027MS

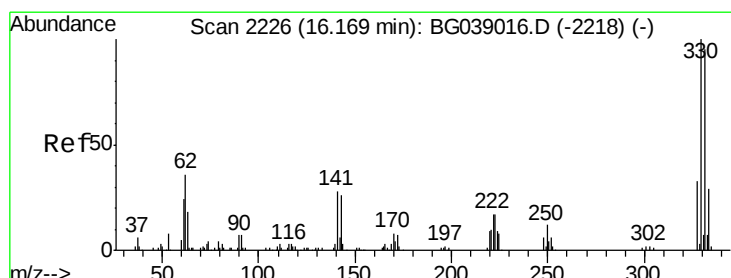
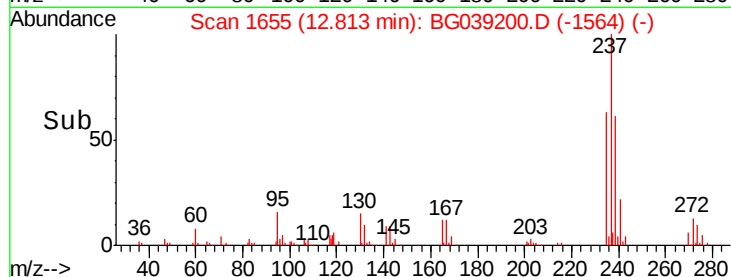
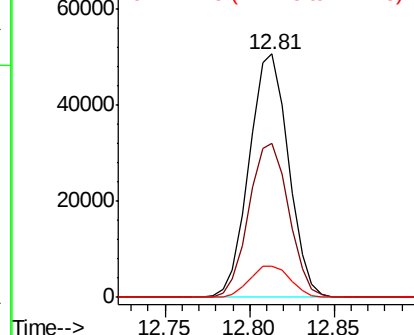
Tot Ion:	237	Resp:	81986
Ion Ratio	Lower	Upper	
237	100		
235	63.5	41.7	81.7
272	13.0	0.0	32.1

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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: 169.275 ng

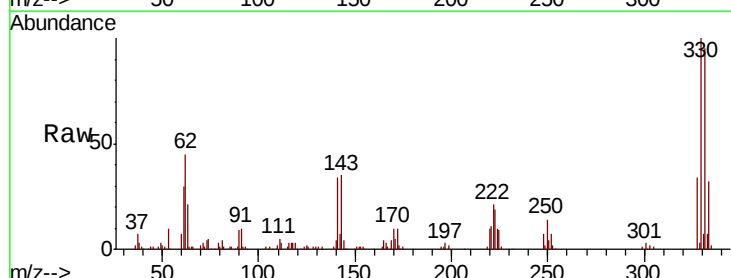
RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

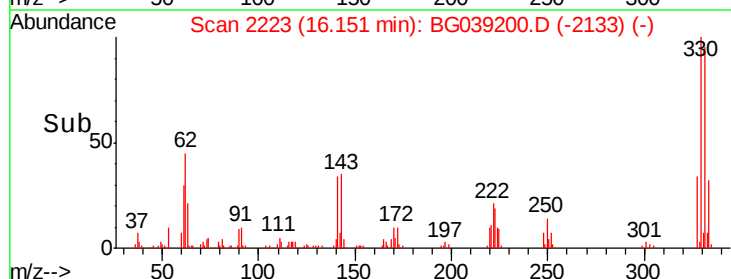
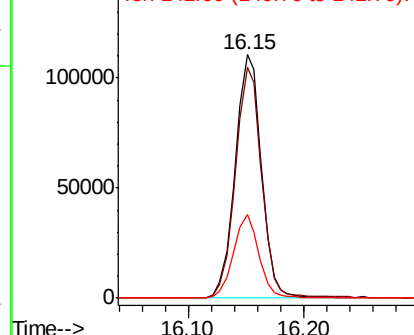
Lab File: BG039200.D

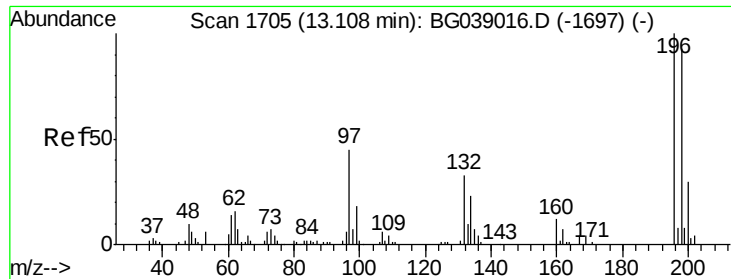
Acq: 18 Jan 2019 1:50

Tgt Ion:	330	Resp:	174246
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	33.3	24.9	37.3



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





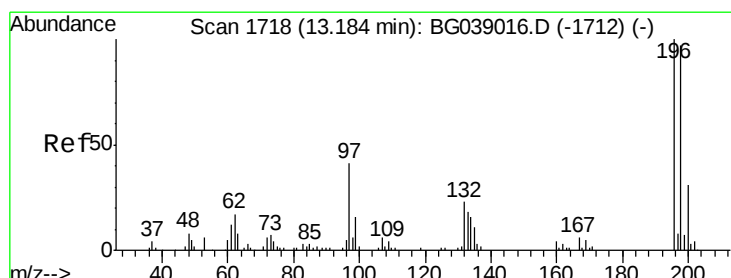
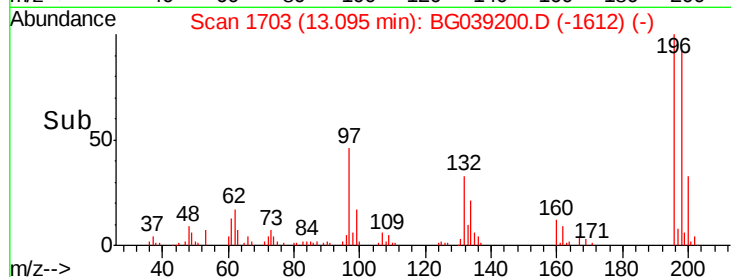
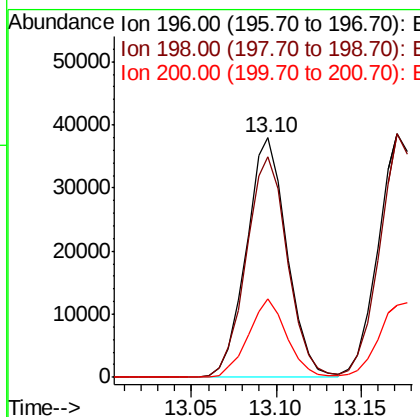
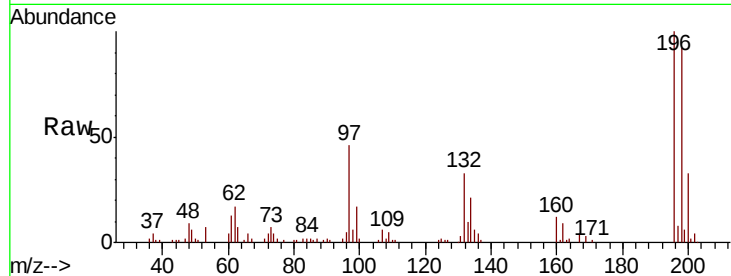
#43
 2,4,6-Trichlorophenol
 Concen: 43.530 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63183		
198	92.3	74.5	111.7	
200	33.0	23.8	35.6	

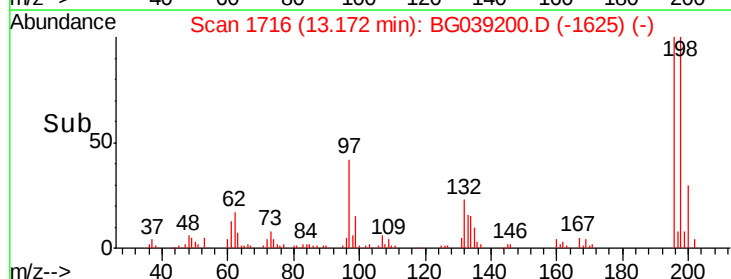
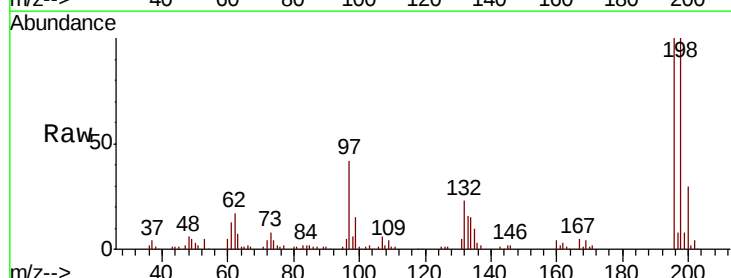
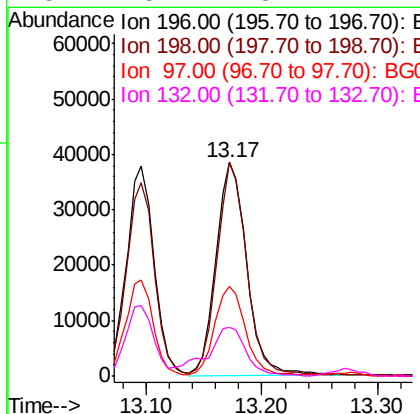
Manual Integrations
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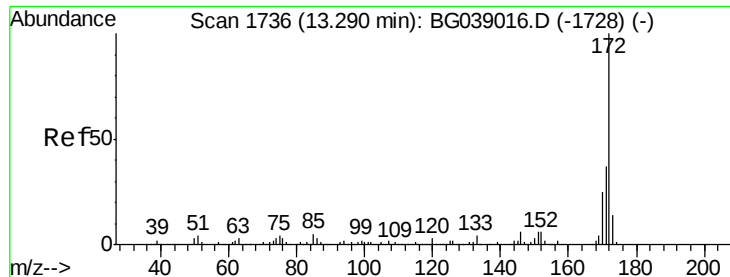
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#44
 2,4,5-Trichlorophenol
 Concen: 45.754 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70191		
198	100.0	78.1	117.1	
97	42.1	33.2	49.8	
132	23.1	18.2	27.4	





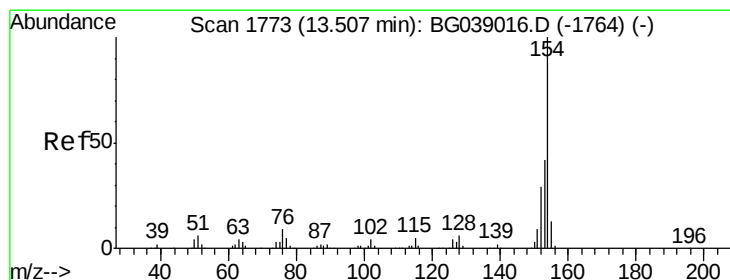
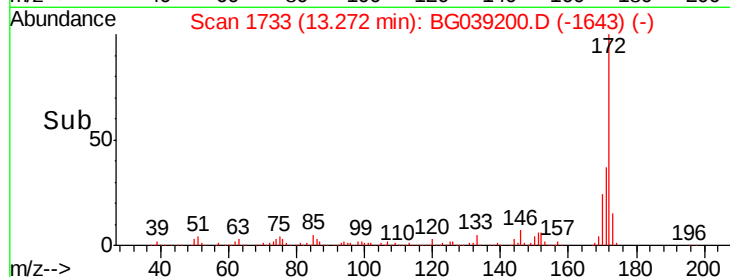
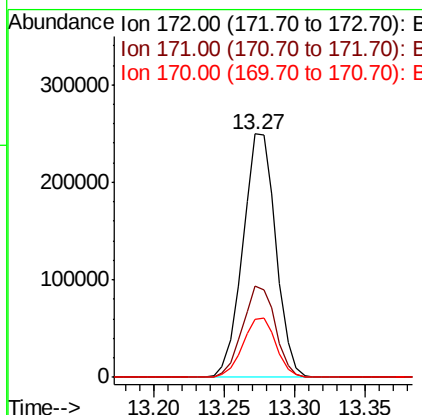
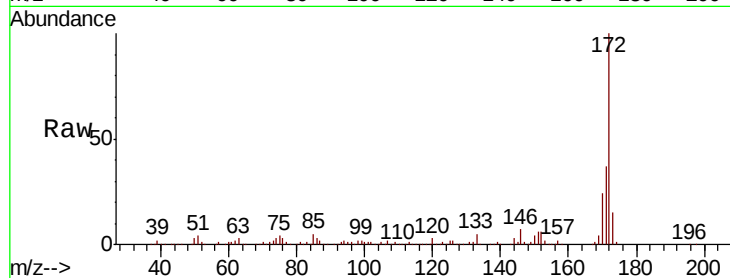
#45
2-Fluorobiphenyl
Concen: 90.922 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	24.1	20.1	30.1

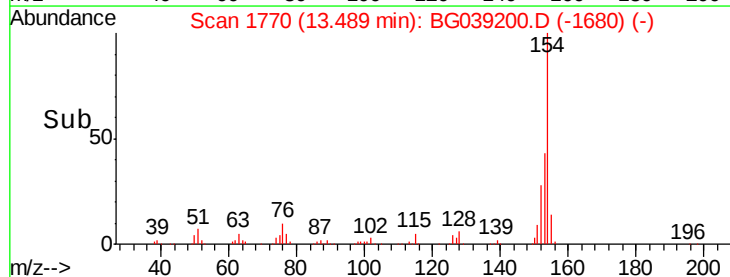
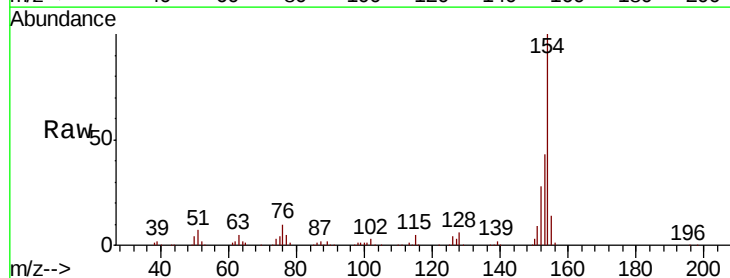
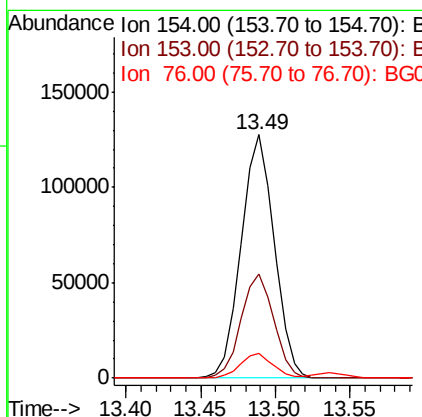
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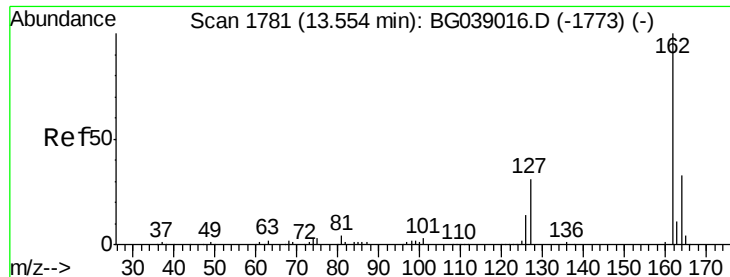
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#46
1,1'-Biphenyl
Concen: 40.281 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.4	62.4
76	10.1	0.0	29.4





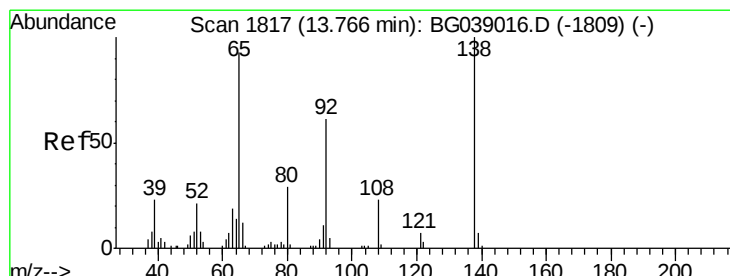
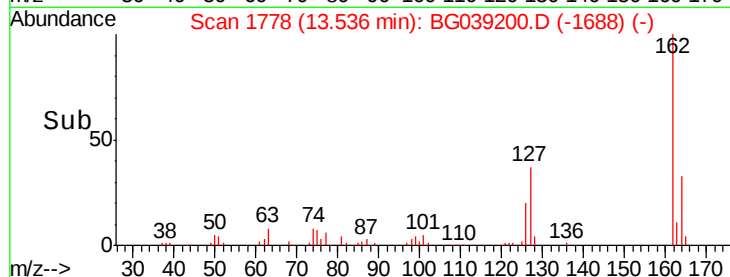
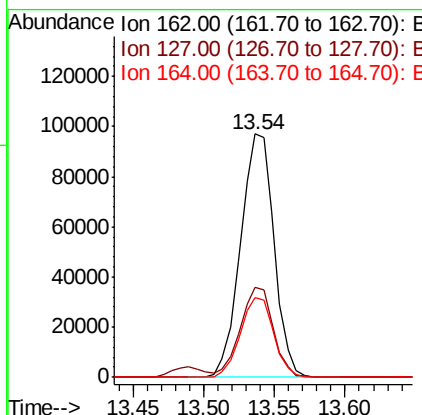
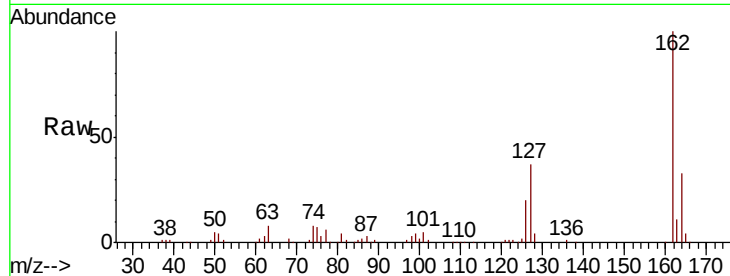
#47
 2-Chloronaphthalene
 Concen: 40.877 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		160955		
127	37.1	28.4	42.6		
164	32.6	26.3	39.5		

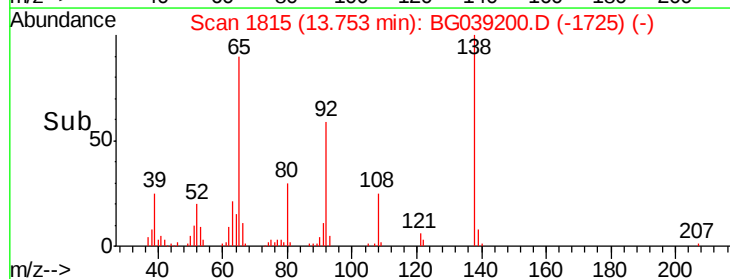
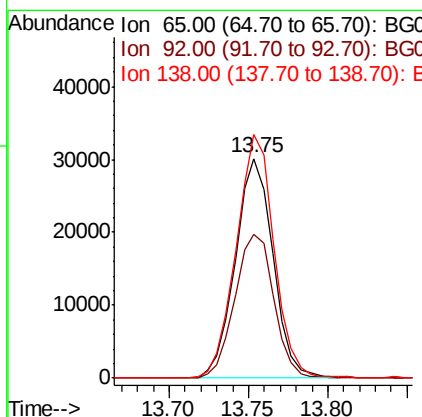
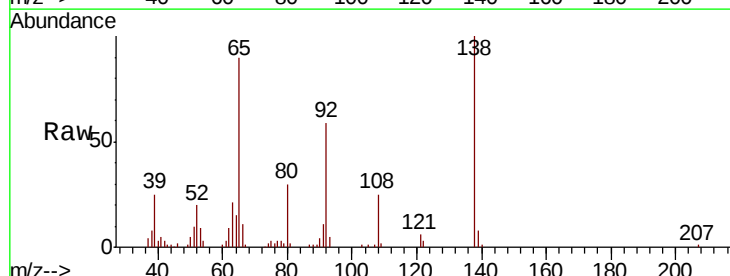
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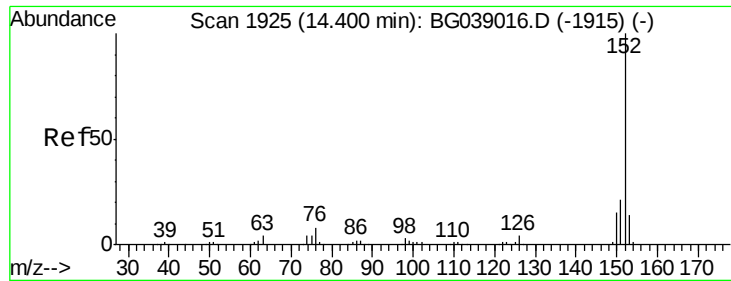
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#48
 2-Nitroaniline
 Concen: 44.891 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		49520		
92	65.7	52.2	78.4		
138	110.9	86.0	129.0		





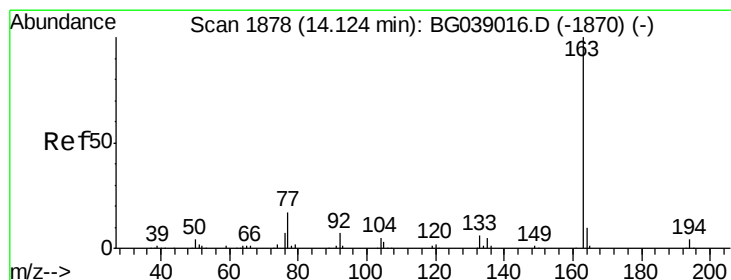
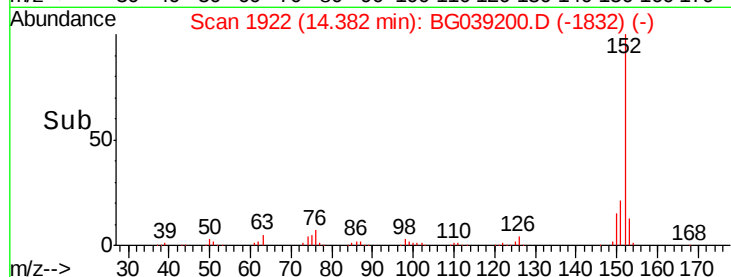
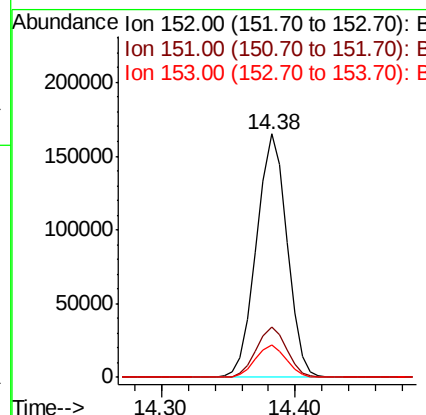
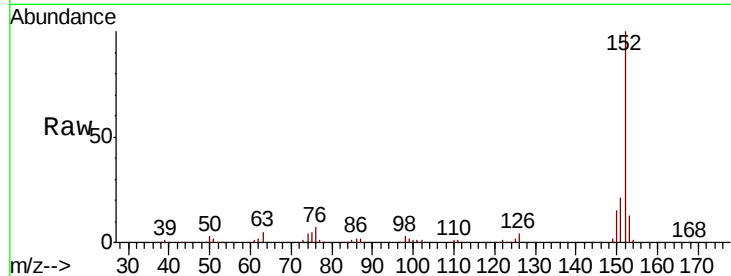
#49
Acenaphthylene
Concen: 44.027 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	13.1	11.2	16.8

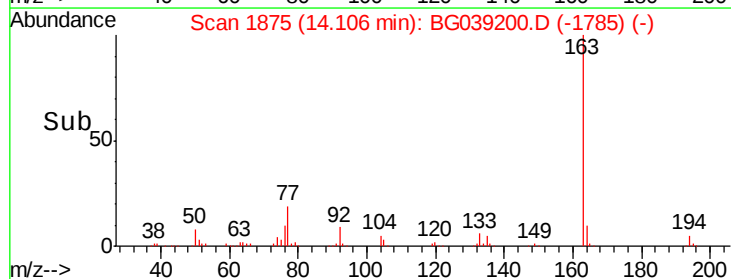
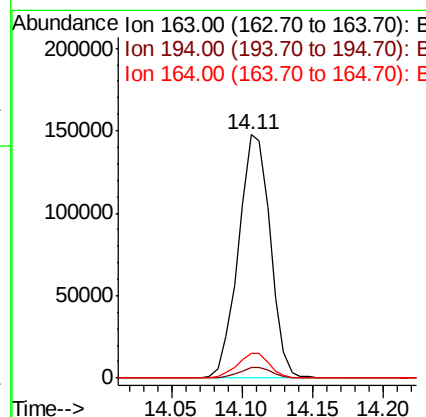
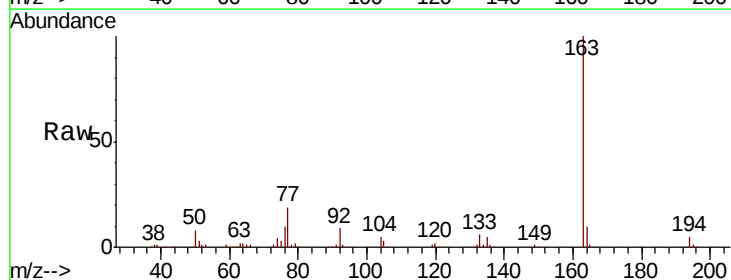
Manual Integrations
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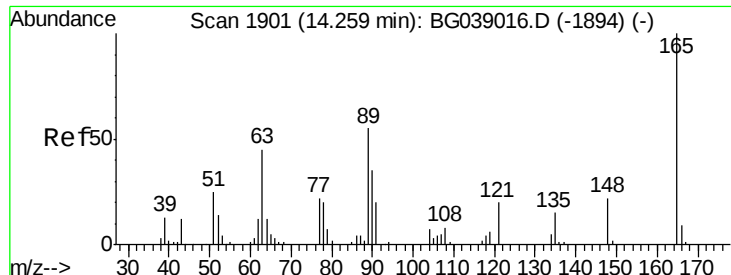
Sohil
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#50
Dimethylphthalate
Concen: 44.707 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.4	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 44.361 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

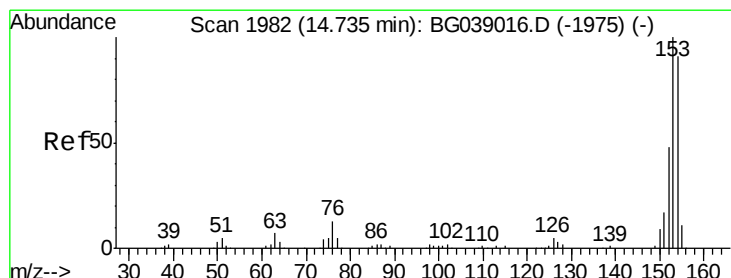
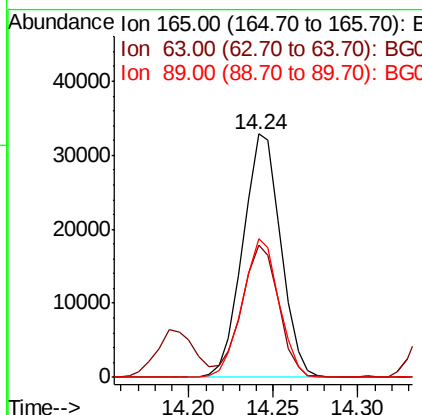
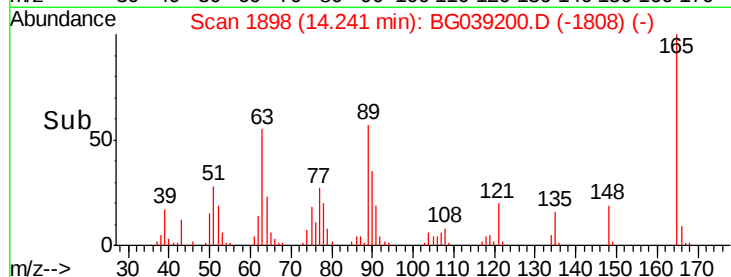
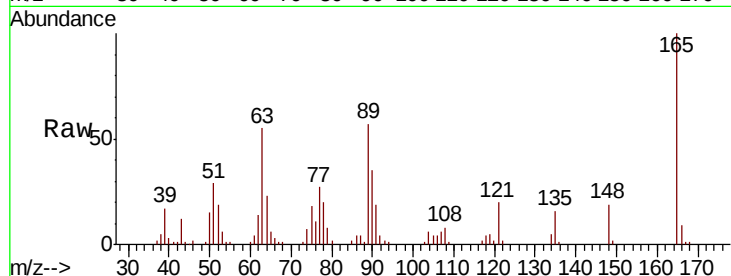
ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:	165	Resp:	51467
Ion Ratio	Lower	Upper	
165	100		
63	54.5	43.6	65.4
89	56.7	43.7	65.5

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#52

Acenaphthene

Concen: 45.875 ng

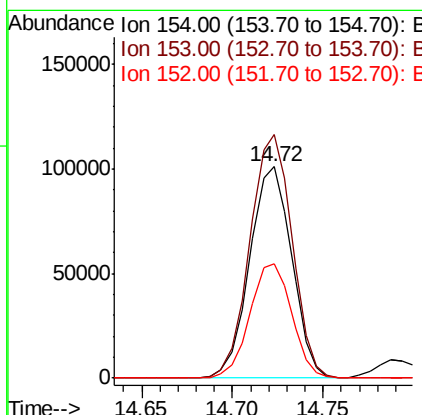
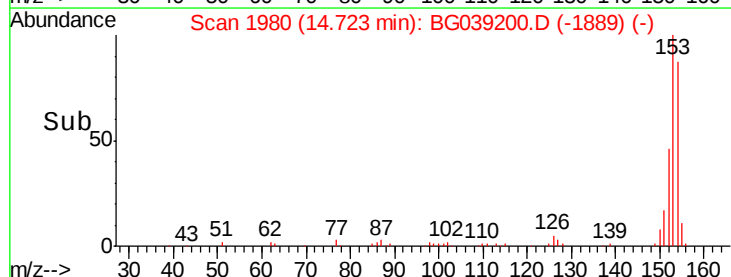
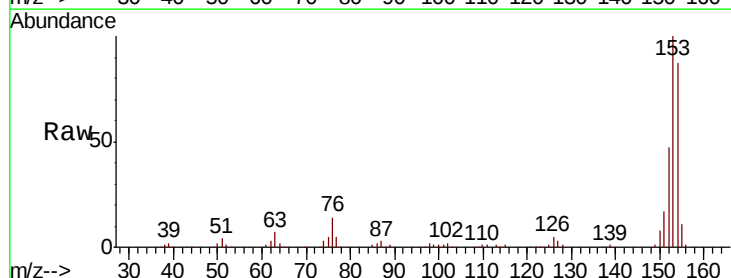
RT: 14.72 min Scan# 1980

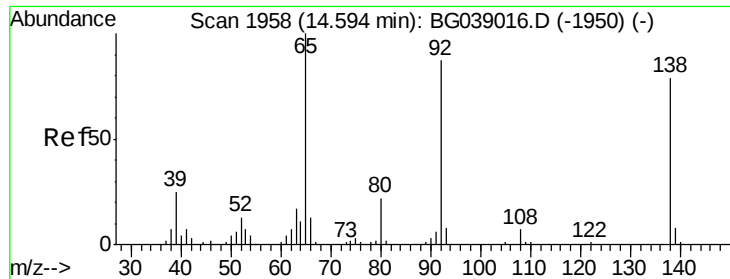
Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion:	154	Resp:	163126
Ion Ratio	Lower	Upper	
154	100		
153	115.1	87.9	131.9
152	54.1	42.2	63.2





#53

3-Nitroaniline

Concen: 3.886 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:138 Resp: 4574

Ion Ratio Lower Upper

138 100

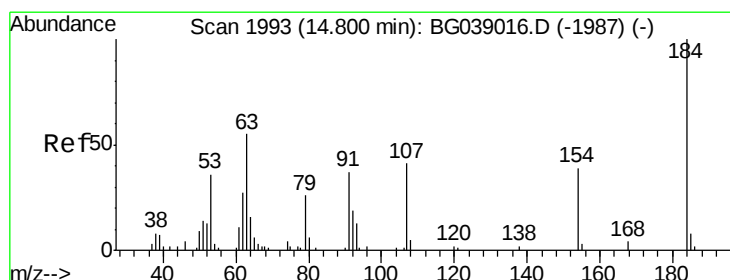
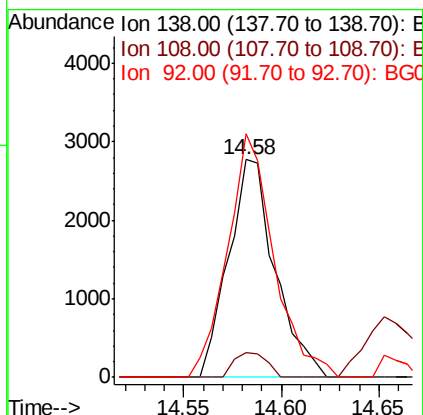
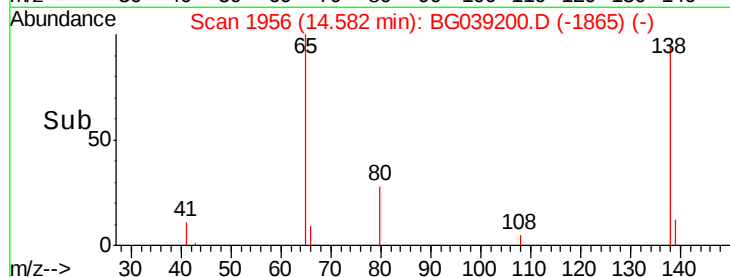
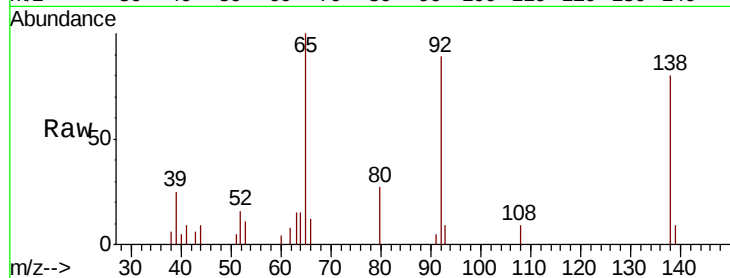
108 11.6 7.4 11.0#

92 111.8 88.2 132.4

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#54

2,4-Dinitrophenol

Concen: 41.306 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

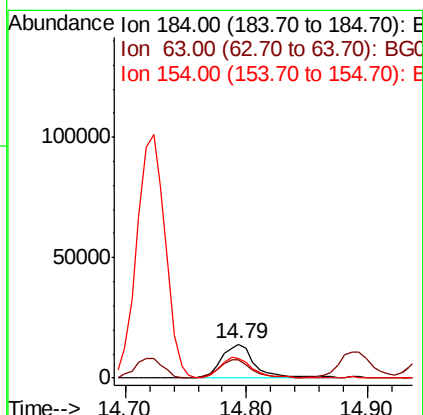
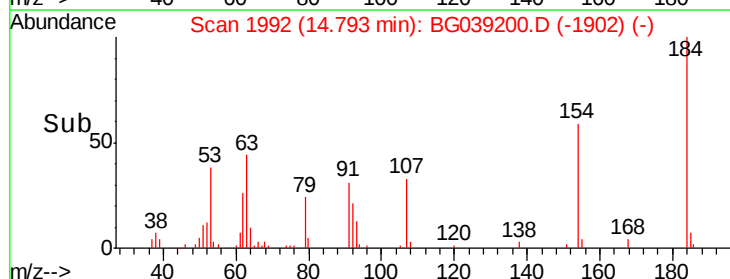
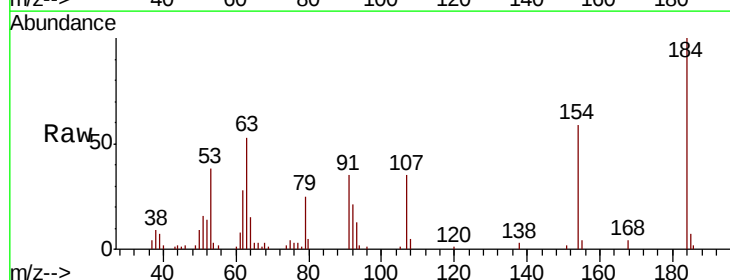
Tgt Ion:184 Resp: 26714

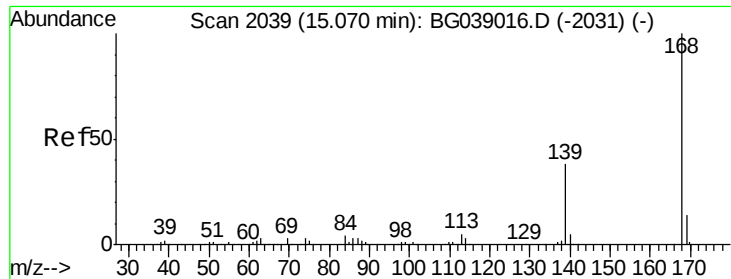
Ion Ratio Lower Upper

184 100

63 53.4 44.0 66.0

154 58.7 46.1 69.1





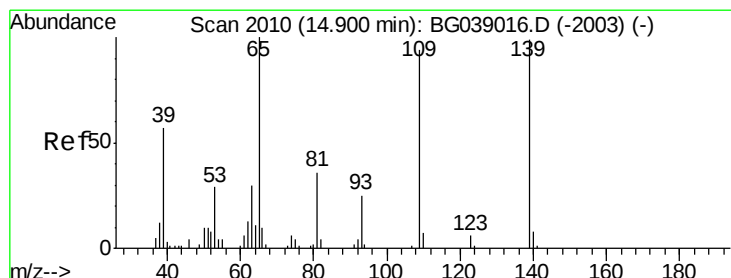
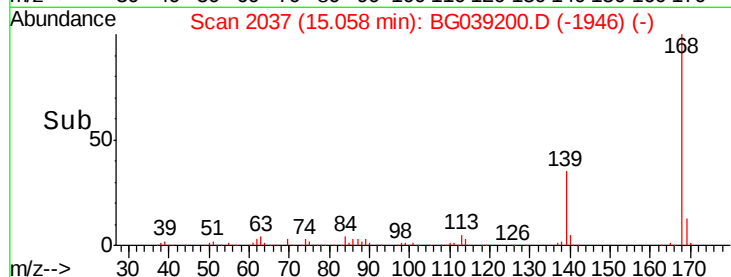
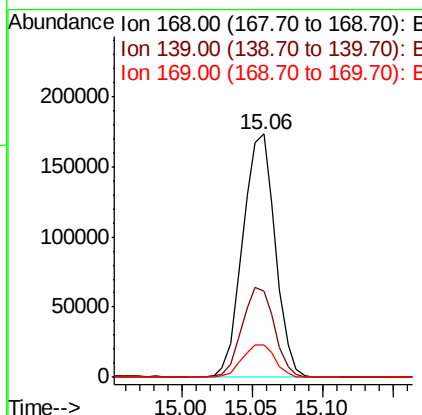
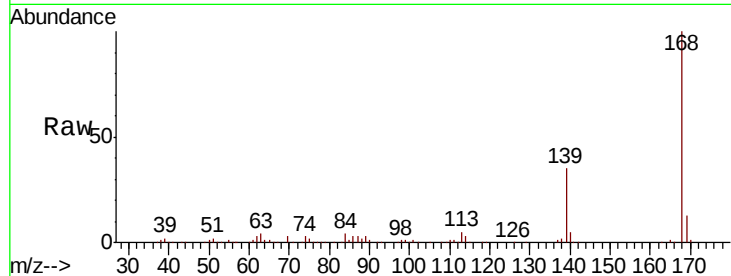
#55
Dibenzenofuran
Concen: 44.390 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.1	45.1
169	13.1	10.9	16.3

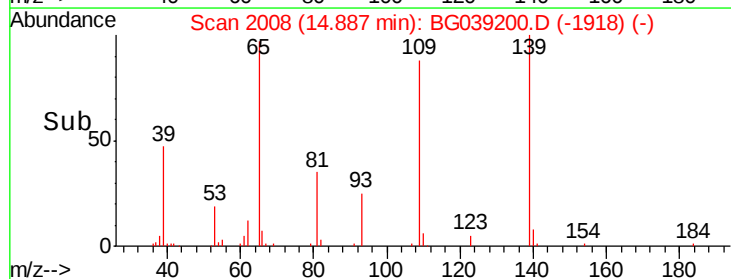
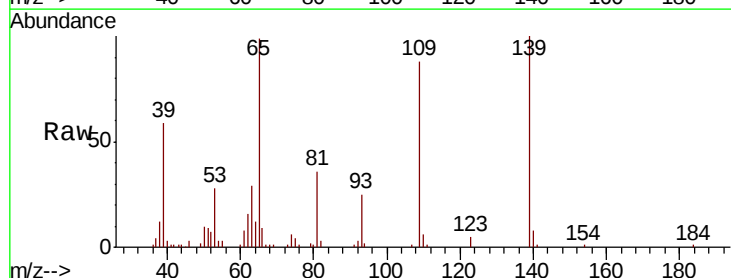
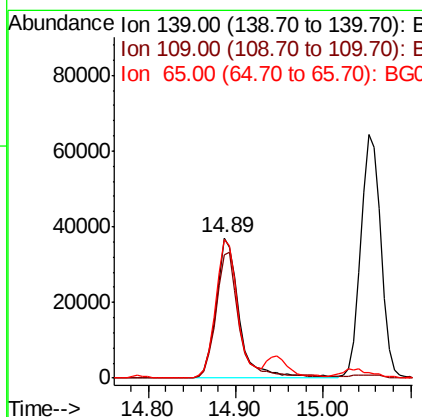
Manual Integrations
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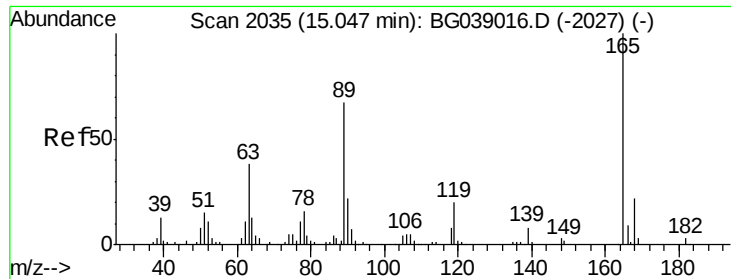
Sohil
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#56
4-Nitrophenol
Concen: 80.677 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.3	75.6	115.6
65	98.9	81.2	121.2





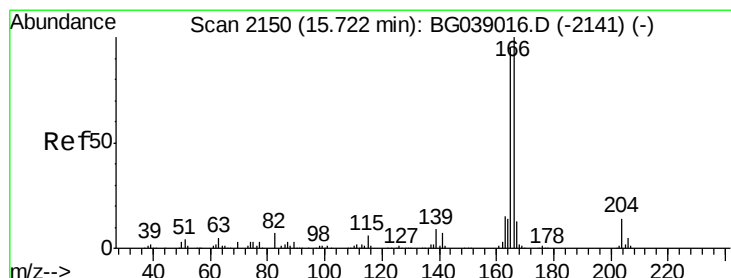
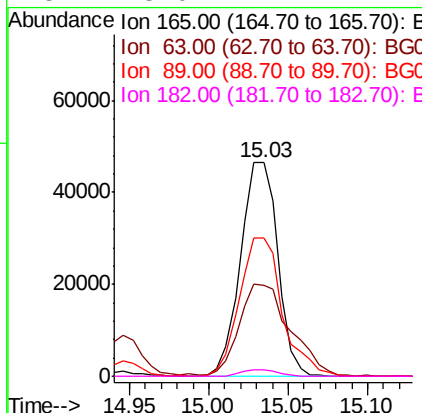
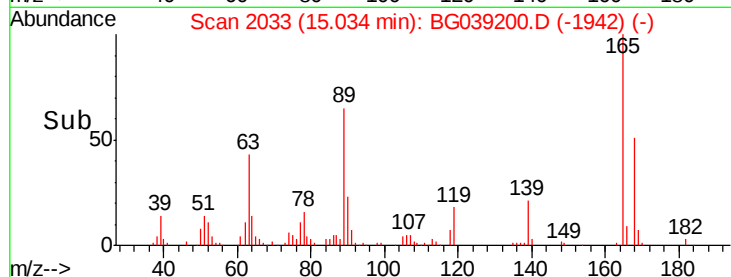
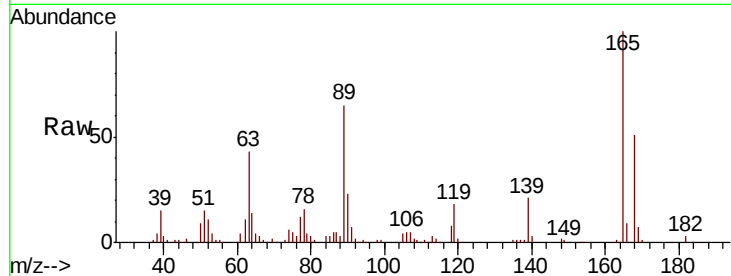
#57
2,4-Dinitrotoluene
Concen: 45.570 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	30.2	45.4
89	64.7	53.2	79.8
182	3.0	2.7	4.1

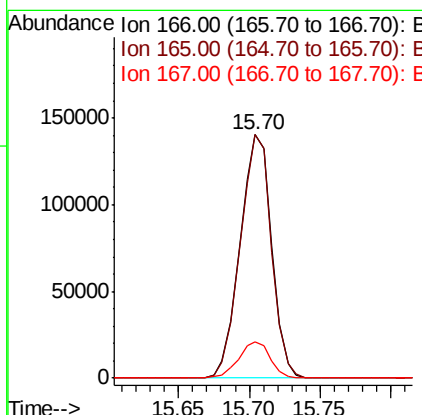
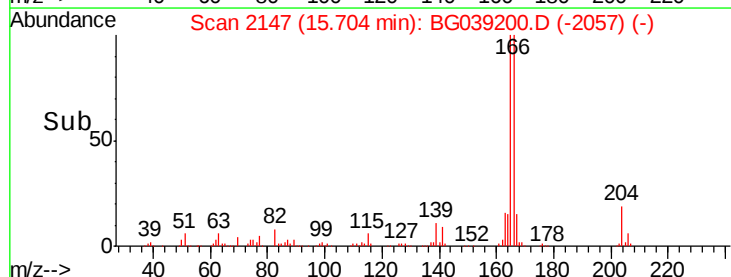
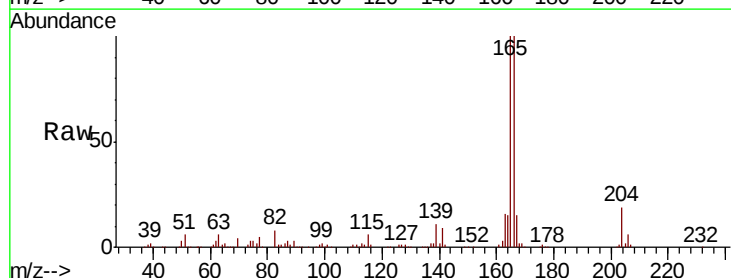
Manual Integrations
APPROVED

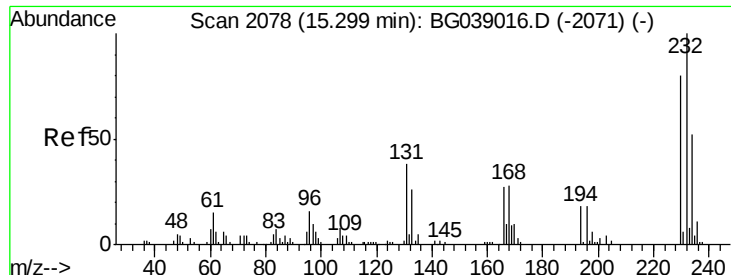
Sohil
1/18/2019 11:24:15 AM



#58
Fluorene
Concen: 46.227 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.2	114.2
167	14.9	10.6	16.0





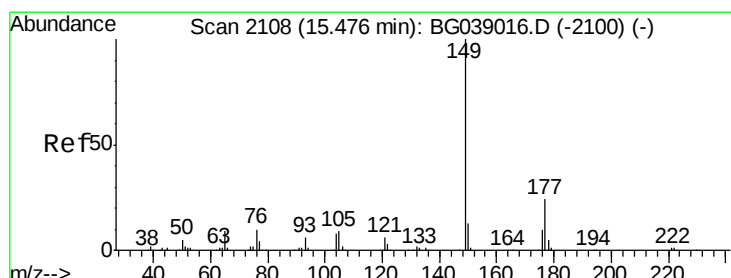
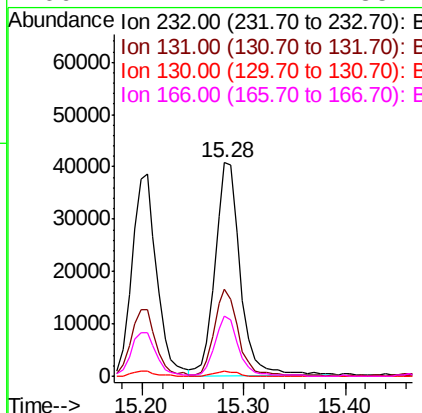
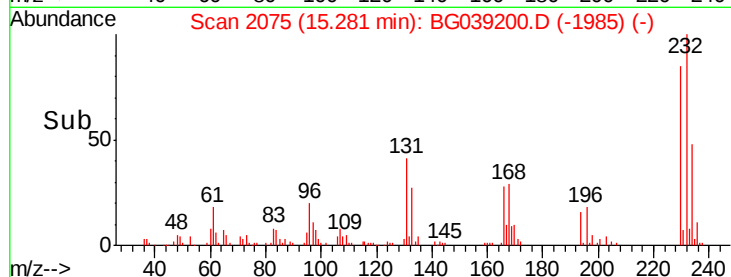
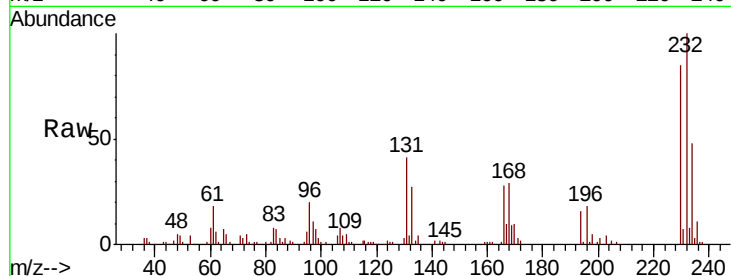
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.886 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.3	30.9	46.3
130	2.2	1.9	2.9
166	27.2	22.1	33.1

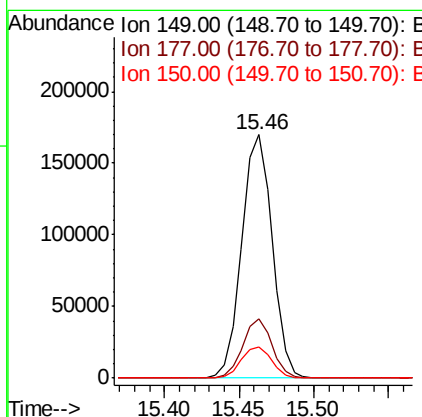
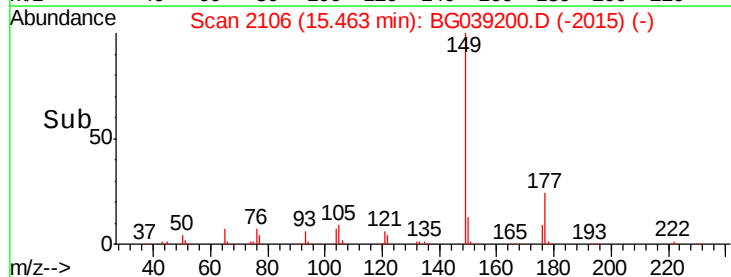
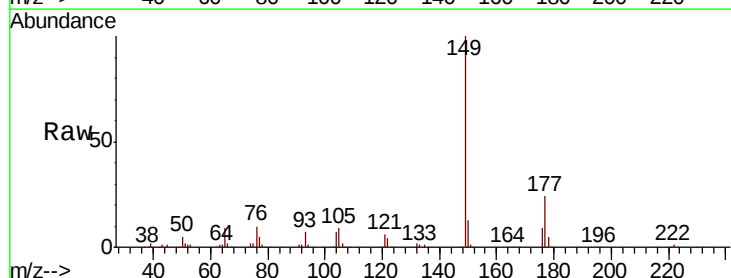
Manual Integrations
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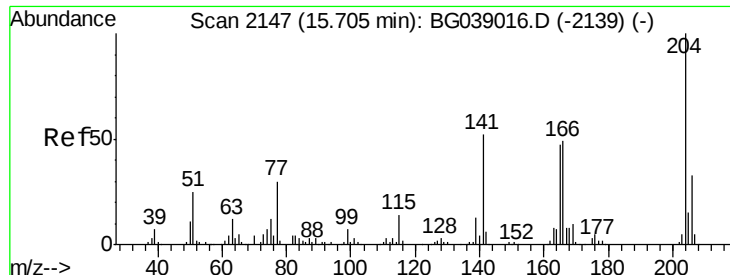
Sohil
1/18/2019 11:24:15 AM



#60
Diethylphthalate
Concen: 44.704 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.6
150	13.0	10.2	15.4





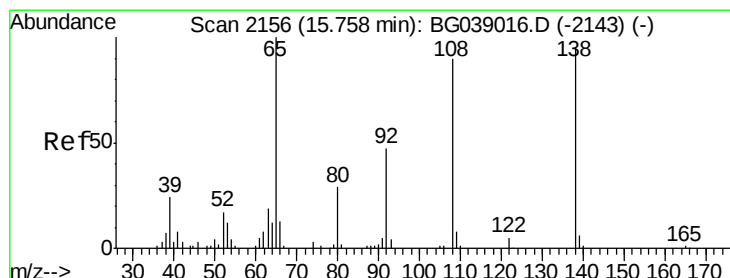
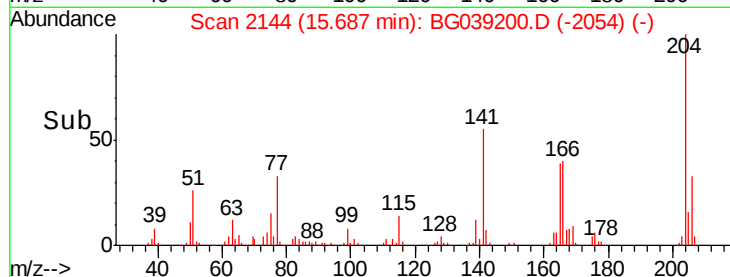
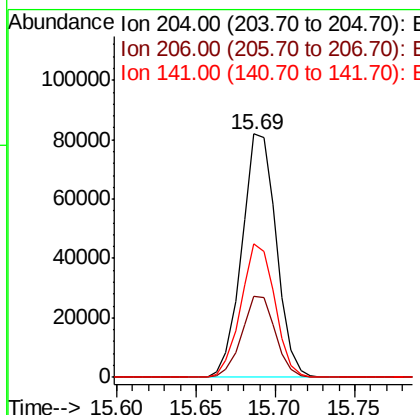
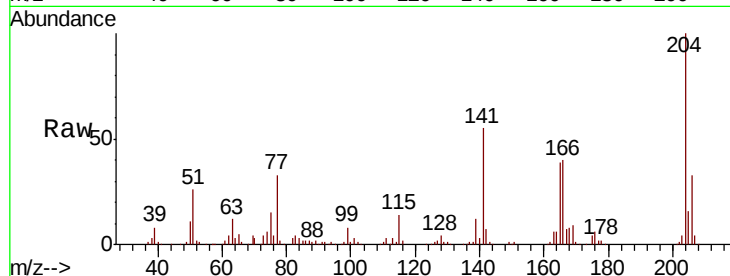
#61
4-Chlorophenyl-phenylether
Concen: 41.281 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleID :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	54.9	41.4	62.0

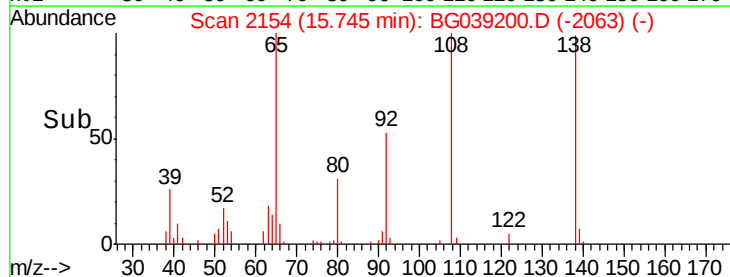
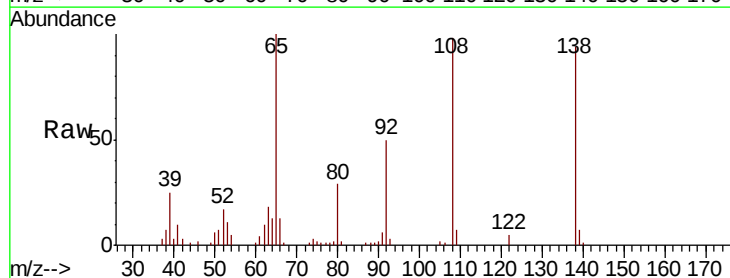
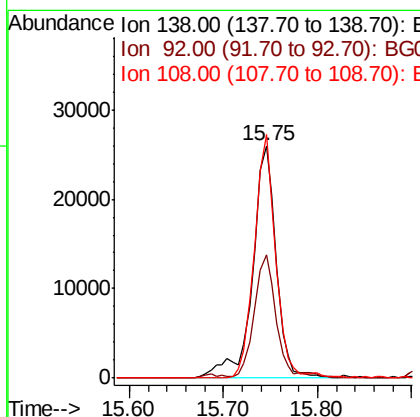
Manual Integrations
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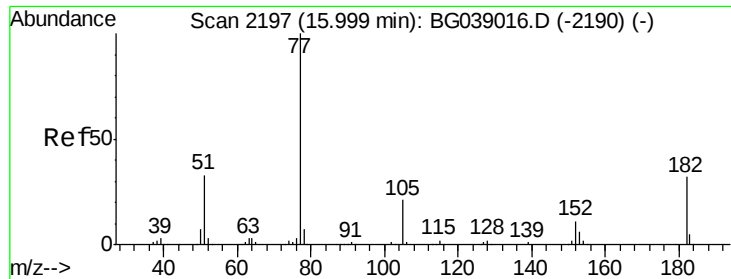
Sohil
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#62
4-Nitroaniline
Concen: 37.156 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	29.7	69.7
108	104.7	75.7	115.7





#63

Azobenzene

Concen: 42.590 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

ClientSampleId :

RBR200044-RBR200027MS

Tot Ion: 77 Resp: 178073

Ion Ratio Lower Upper

77 100

182 33.5 12.2 52.2

105 21.3 1.2 41.2

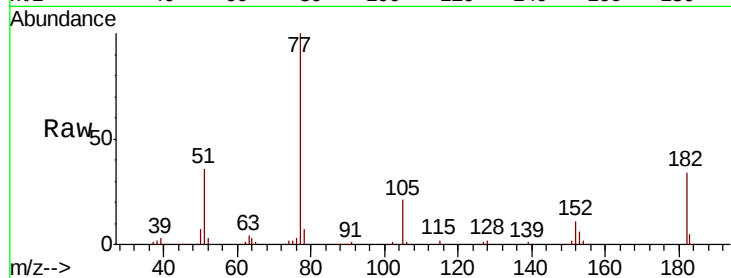
51 35.8 13.4 53.4

Manual Integrations

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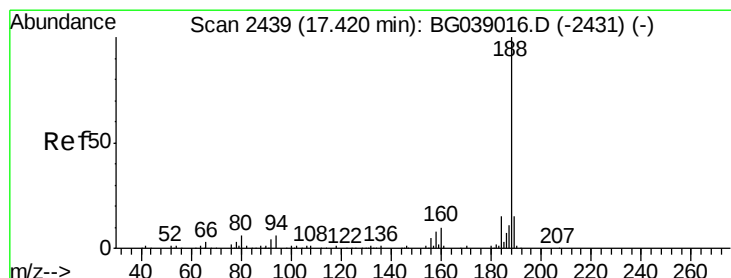
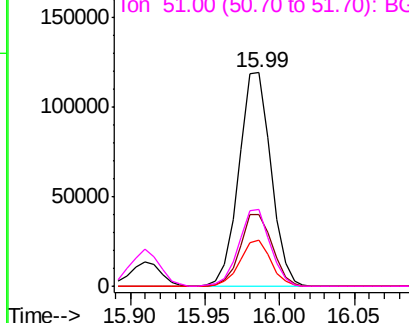
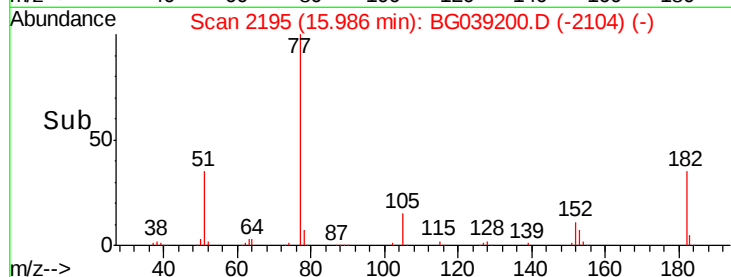
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

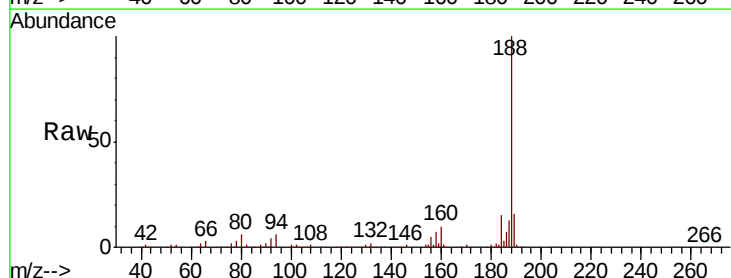
Tgt Ion: 188 Resp: 169820

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

80 6.3 4.7 7.1

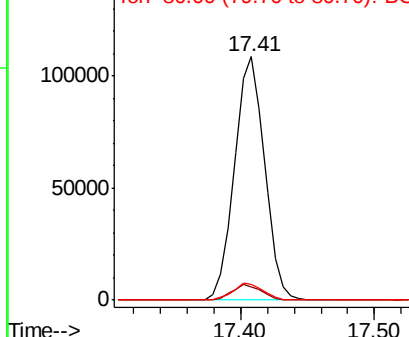
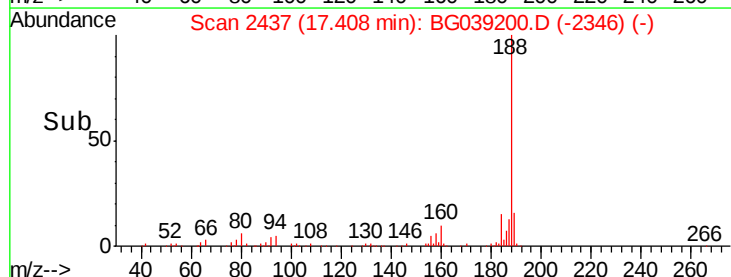


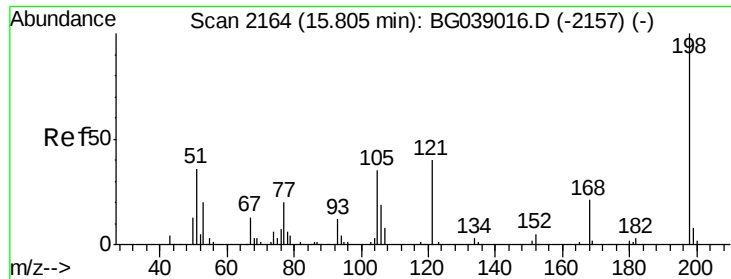
Abundance

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





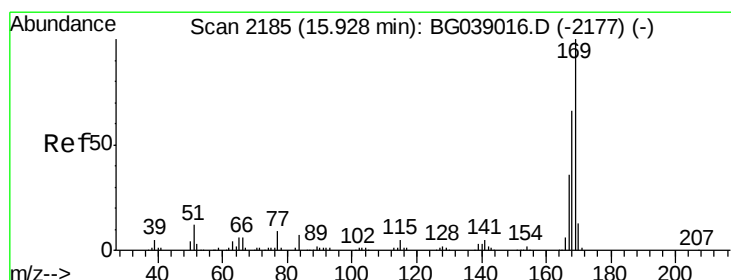
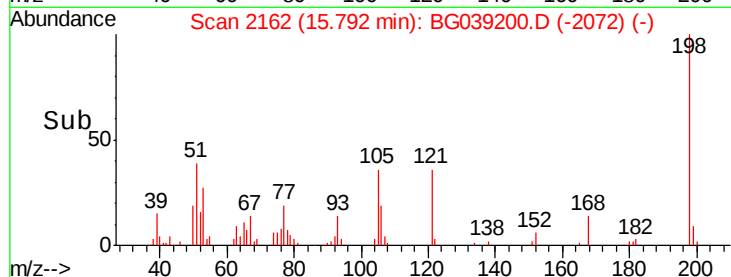
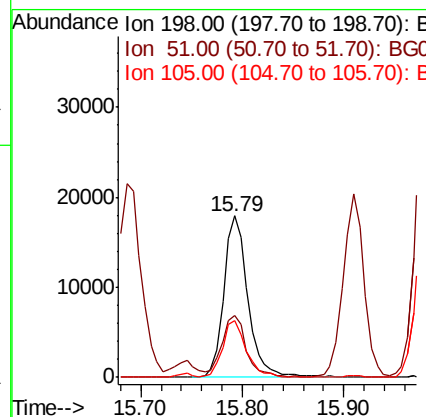
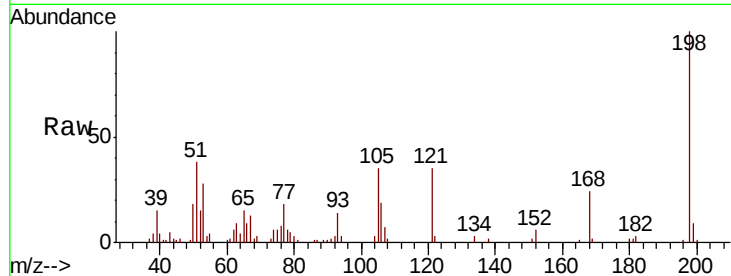
#65
4,6-Dinitro-2-methylphenol
Concen: 23.521 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	29592		
51	38.0		20.8	60.8
105	34.7		16.1	56.1

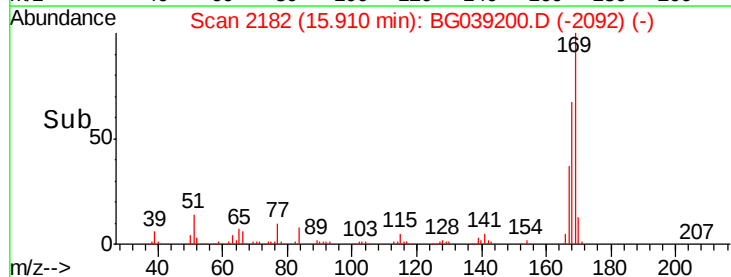
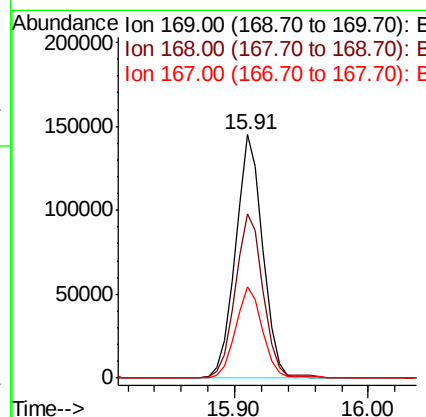
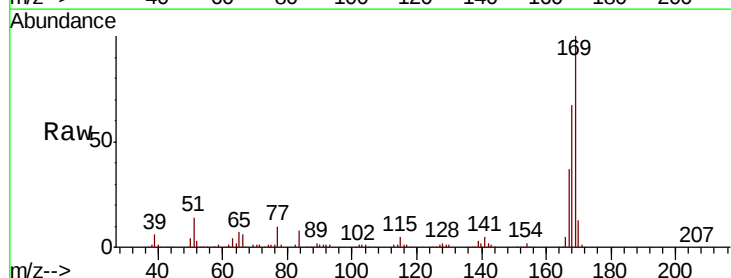
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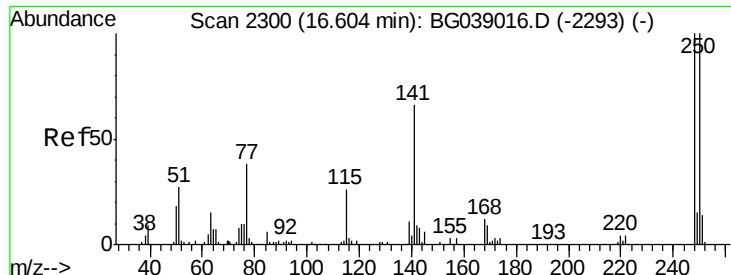
Sohil
1/18/2019 11:24:15 AM



#66
n-Nitrosodiphenylamine
Concen: 40.714 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	204966		
168	67.4		53.2	79.8
167	37.3		29.1	43.7





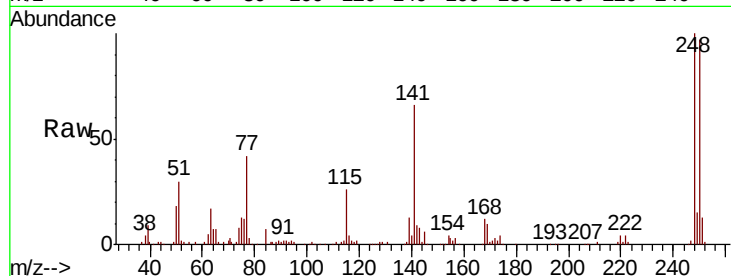
#67
 4-Bromophenyl-phenylether
 Concen: 45.436 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.9	119.9
141	65.9	52.7	79.1

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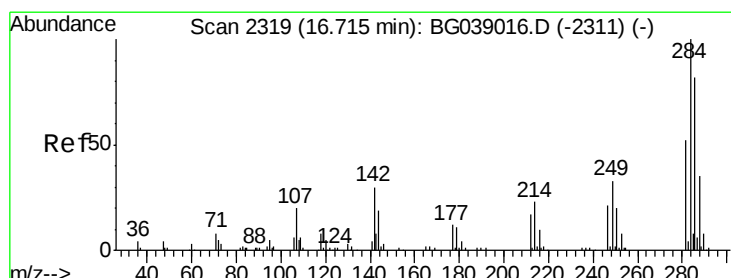
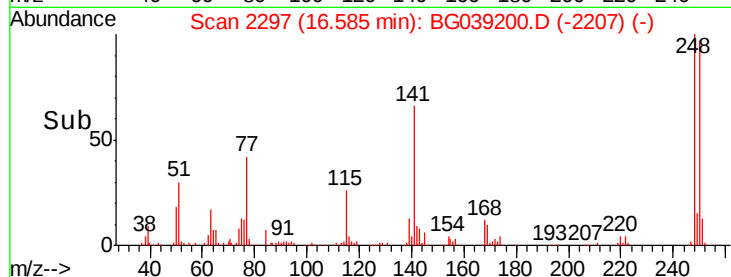
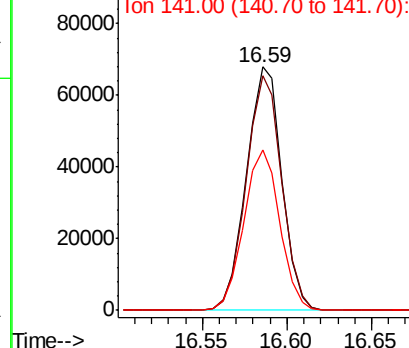


Abundance

Ion 248.00 (247.70 to 248.70): E

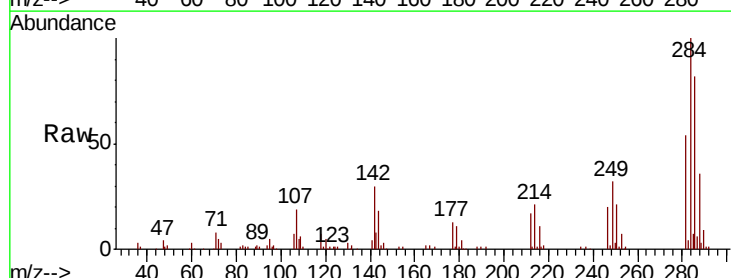
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.219 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	24.3	36.5
249	34.7	27.8	41.8

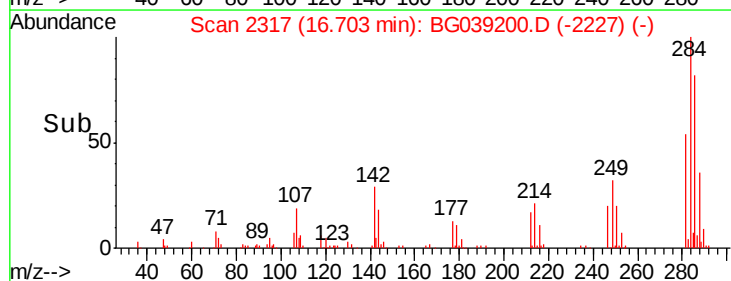
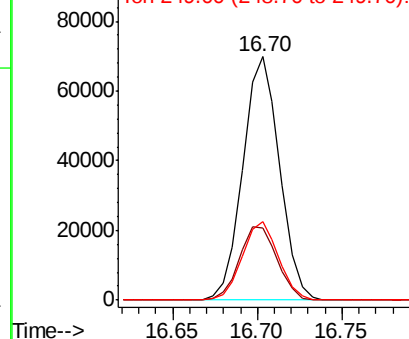


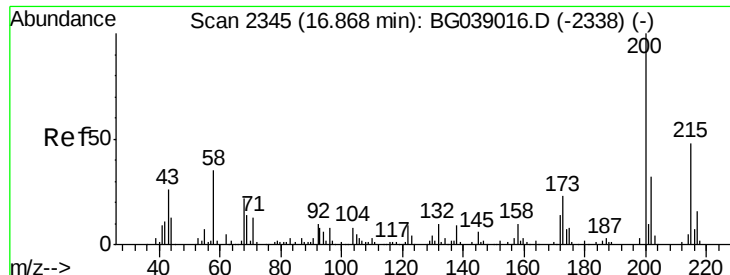
Abundance

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





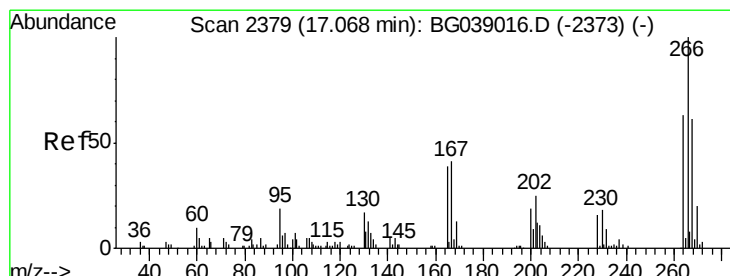
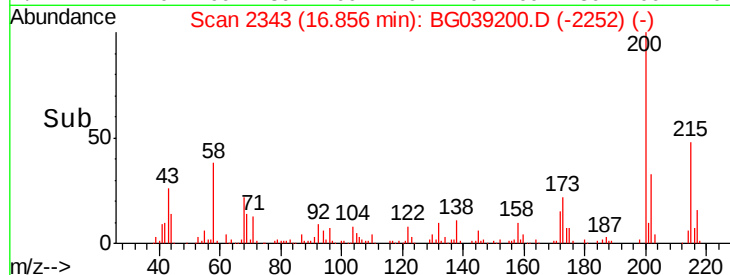
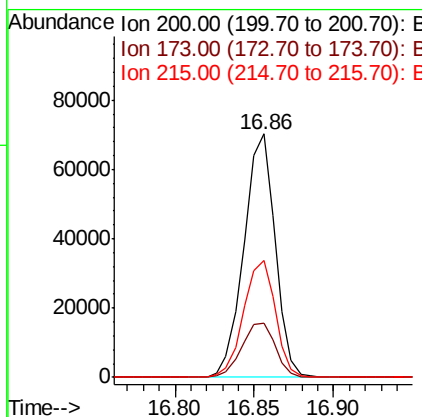
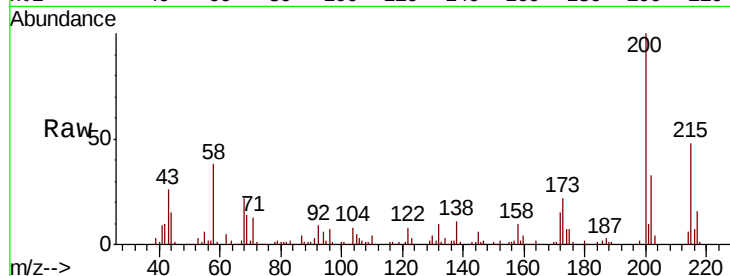
#69
Atrazine
Concen: 44.877 ng
RT: 16.86 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	2.6	42.6
215	47.8	28.0	68.0

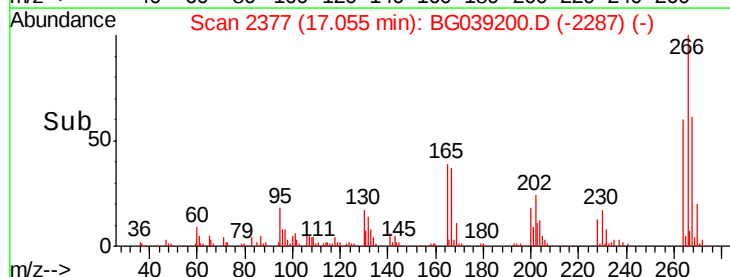
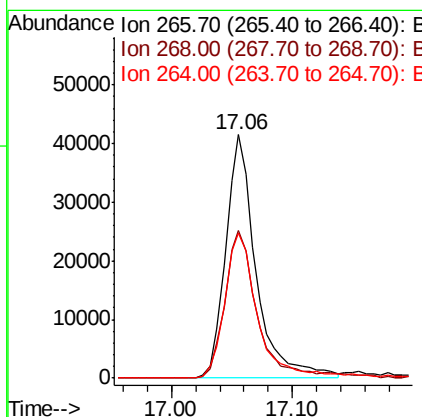
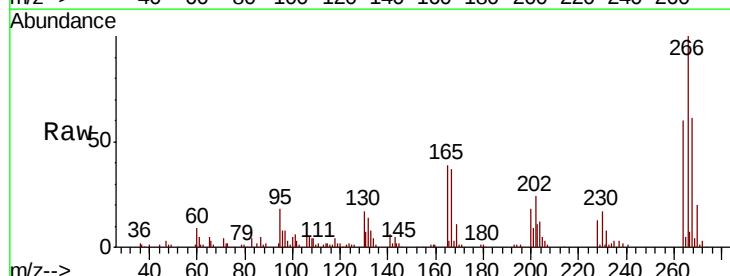
Manual Integrations
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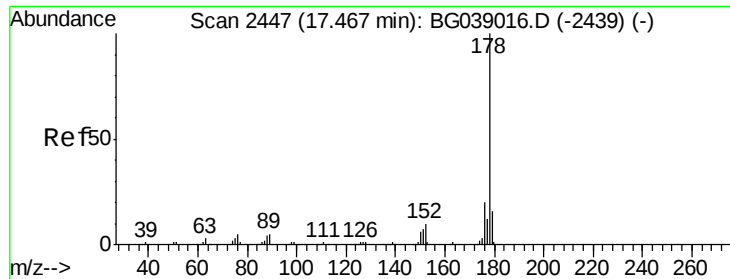
Sohil
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#70
Pentachlorophenol
Concen: 51.401 ng
RT: 17.06 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	52.0	78.0
264	59.7	54.6	81.8





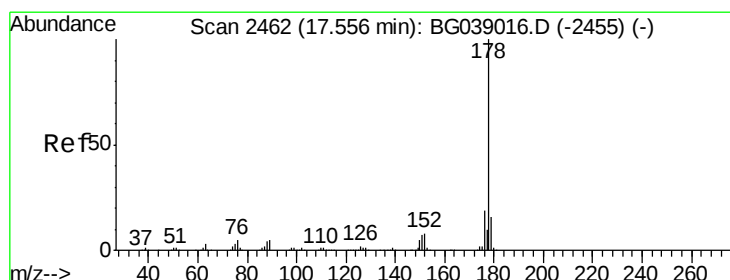
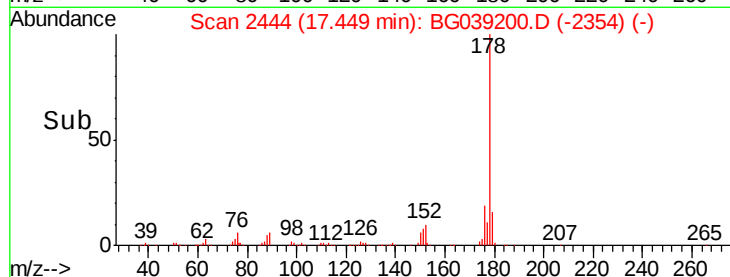
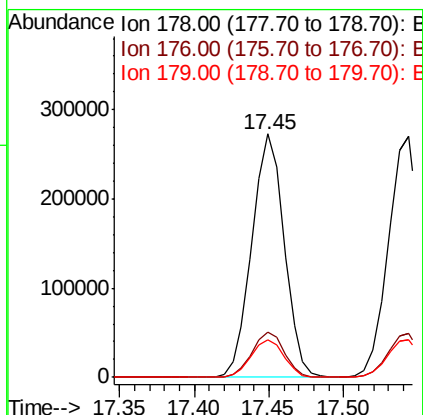
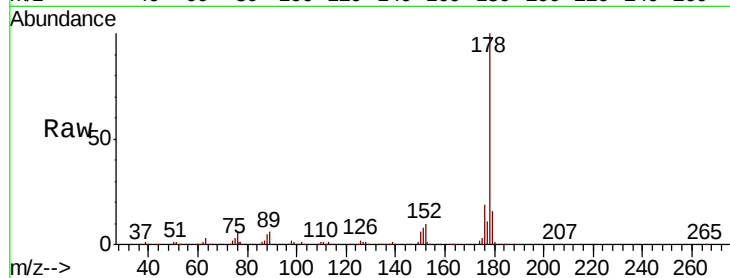
#71
Phenanthrene
Concen: 45.420 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.5	12.9	19.3

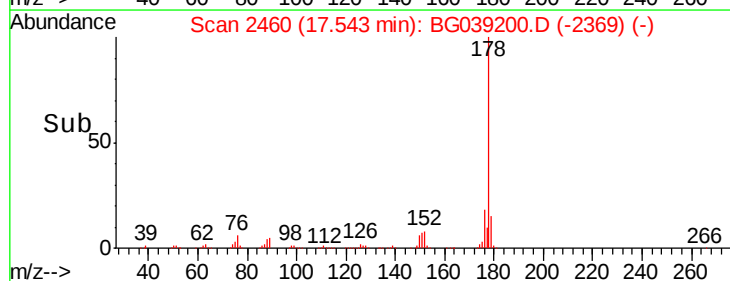
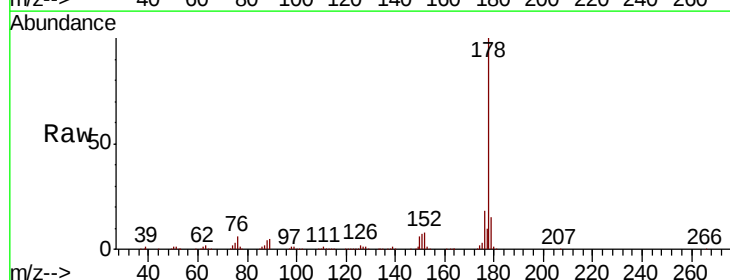
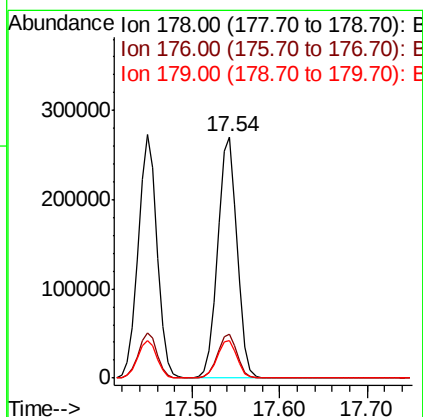
Manual Integrations
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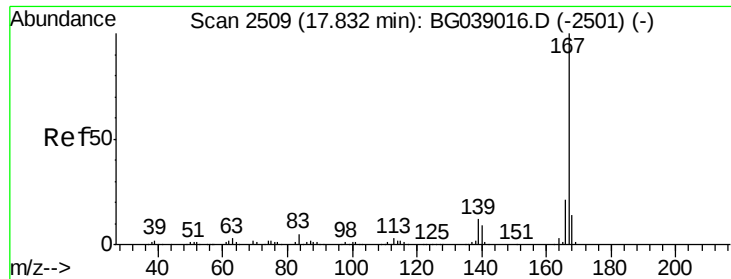
Sohil
1/18/2019 11:24:15 AM



#72
Anthracene
Concen: 46.747 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.4	13.0	19.4





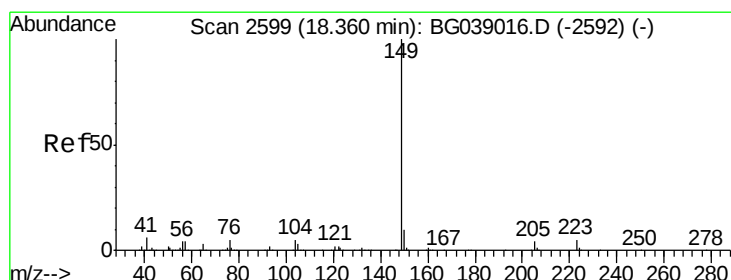
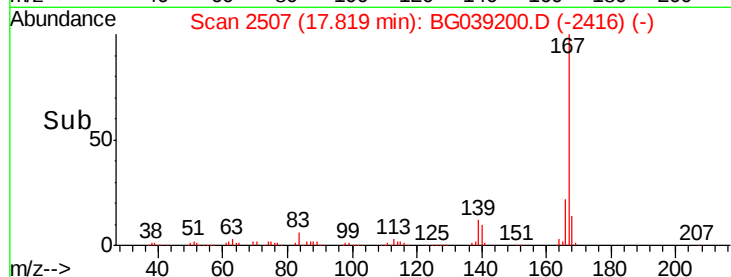
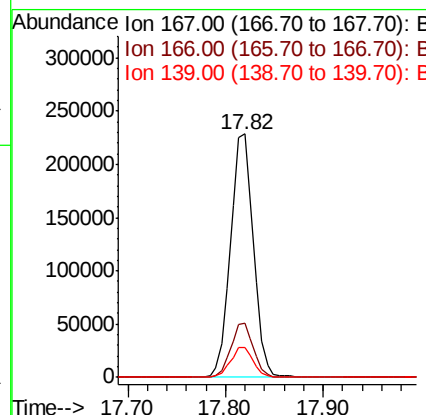
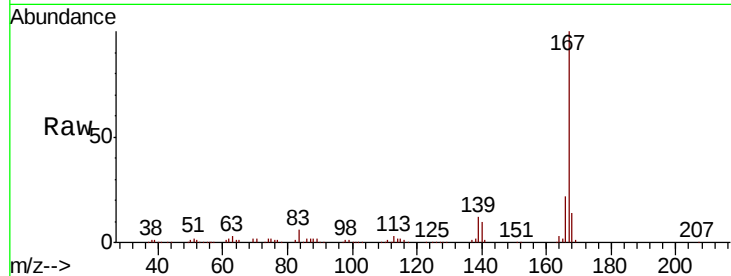
#73
 Carbazole
 Concen: 42.449 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 RBR200044-RBR200027MS

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

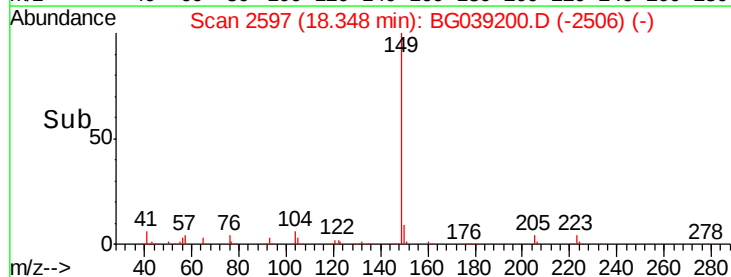
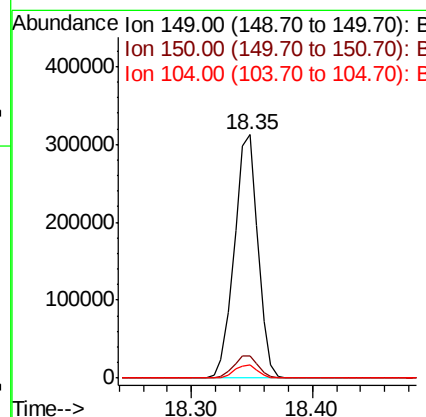
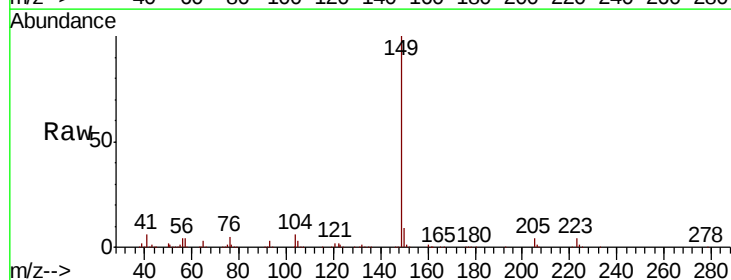
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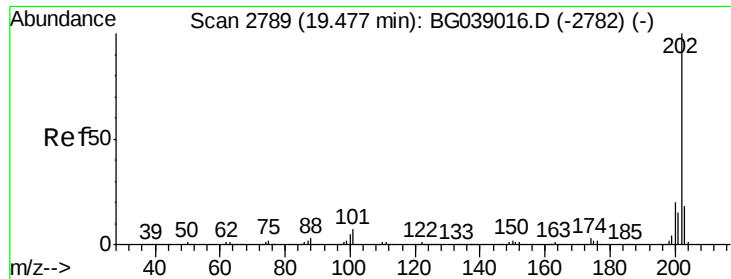
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#74
 Di-n-butylphthalate
 Concen: 43.553 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG039200.D
 Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 46.481 ng

RT: 19.46 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

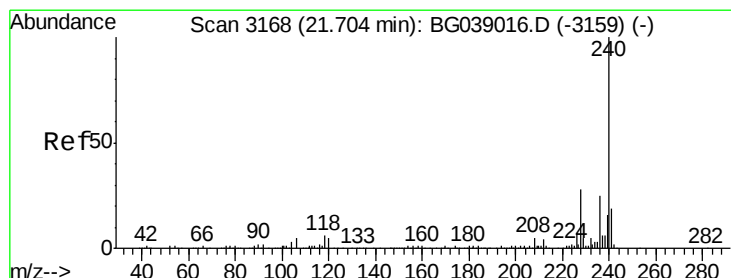
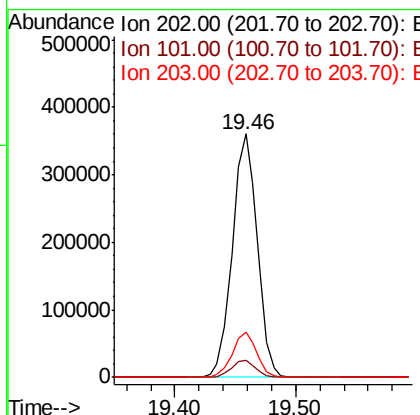
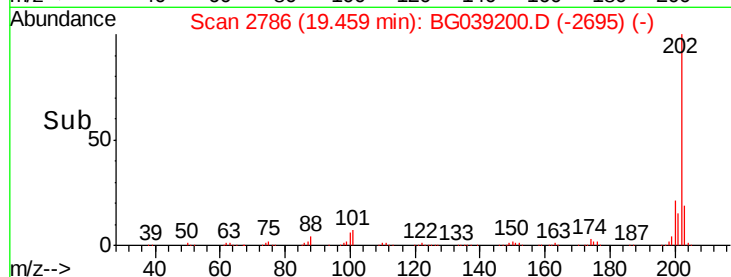
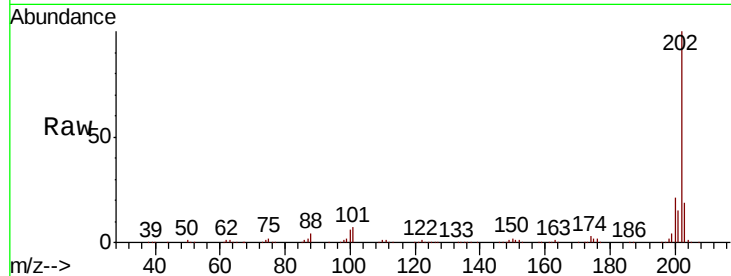
ClientSampleId :

RBR200044-RBR200027MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	517220		
101	7.0		0.0	26.9
203	18.5		0.0	38.1

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#76

Chrysene-d12

Concen: 20.000 ng

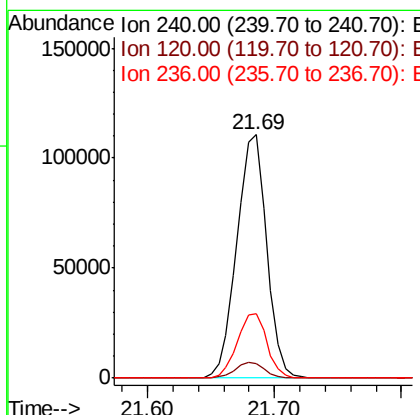
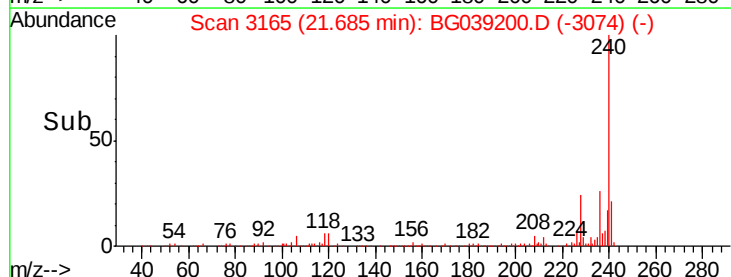
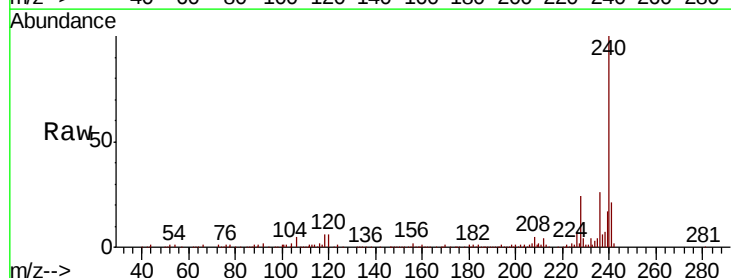
RT: 21.69 min Scan# 3165

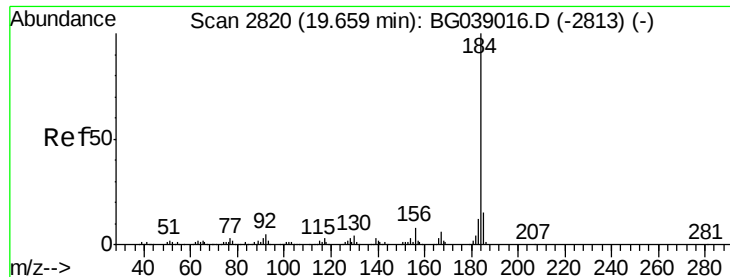
Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	180188		
120	6.2		4.3	6.5
236	26.3		20.1	30.1





#77

Benzidine

Concen: 7.346 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

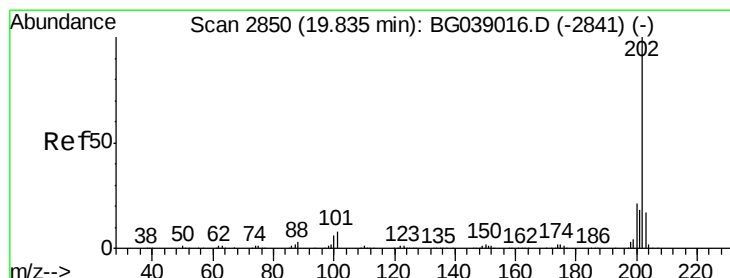
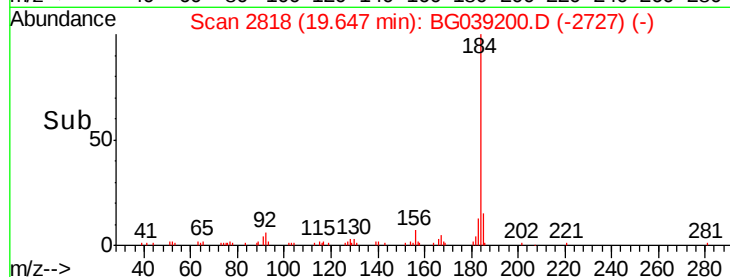
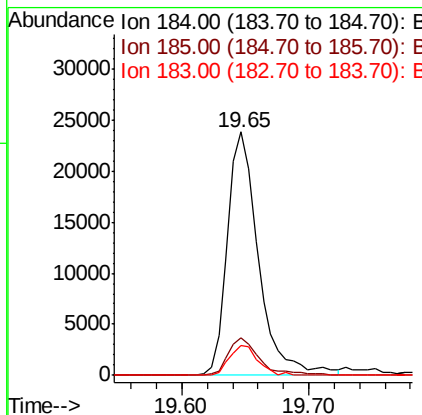
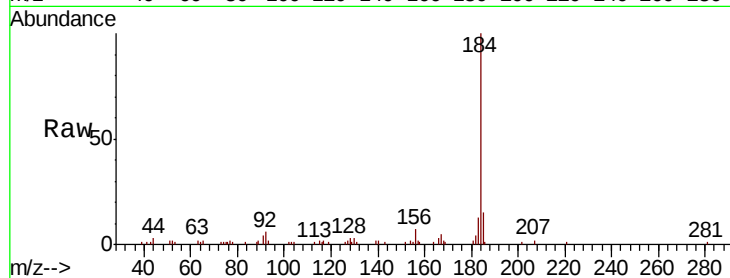
ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:	184	Resp:	40483
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.1	18.1
183	12.5	9.5	14.3

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#78

Pyrene

Concen: 45.185 ng

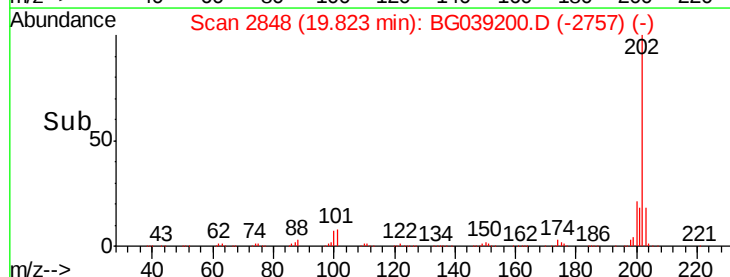
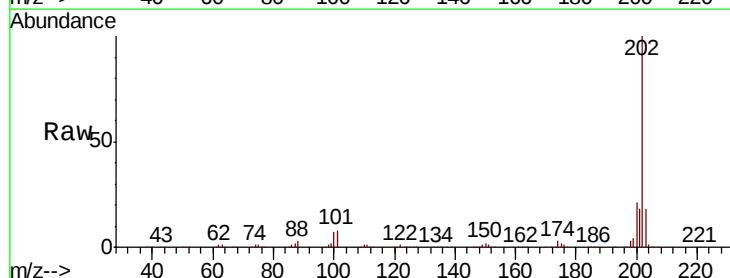
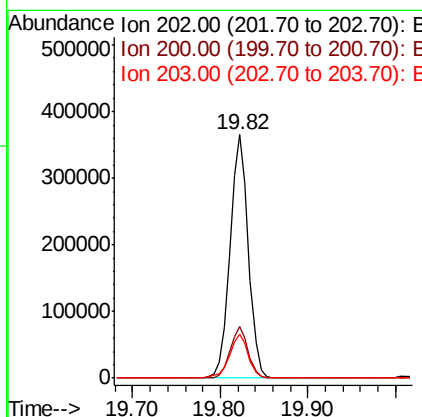
RT: 19.82 min Scan# 2848

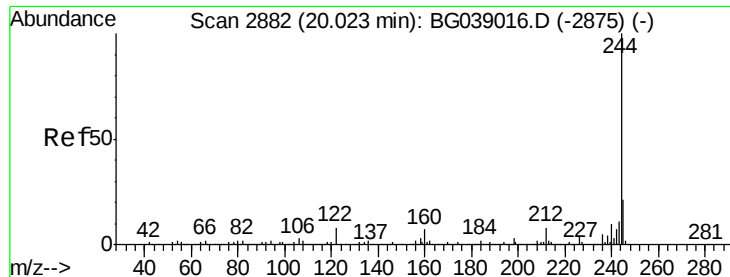
Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion:	202	Resp:	518866
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	18.1	14.0	21.0





#79

Terphenyl-d14

Concen: 92.392 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

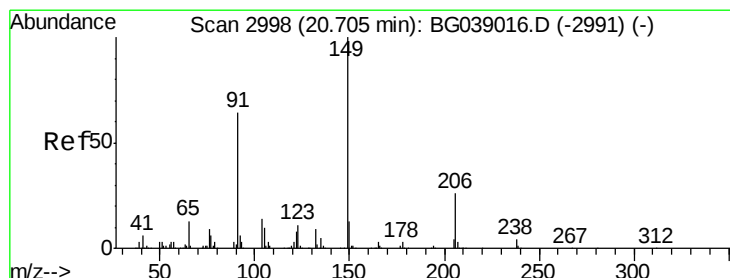
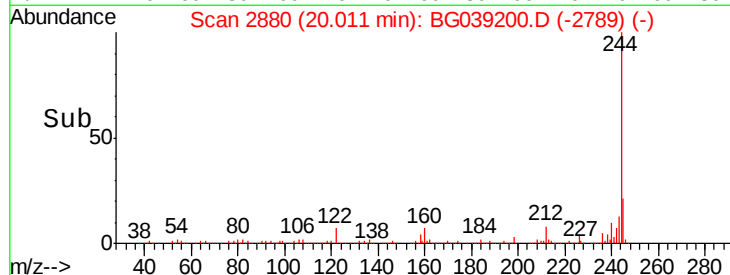
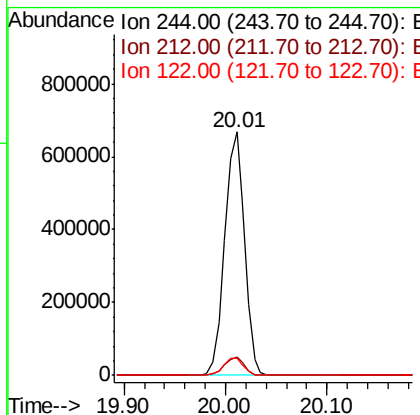
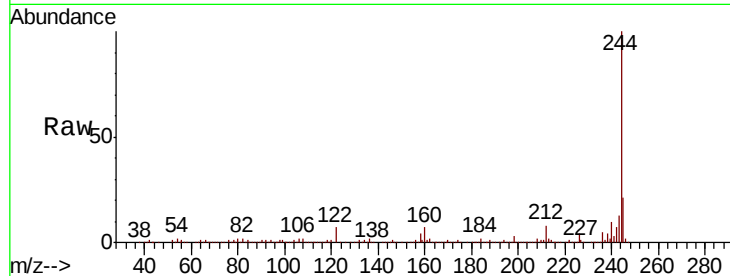
ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:	244	Resp:	899938
Ion Ratio		Lower	Upper
244	100		
212	7.7	6.1	9.1
122	7.0	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 44.669 ng

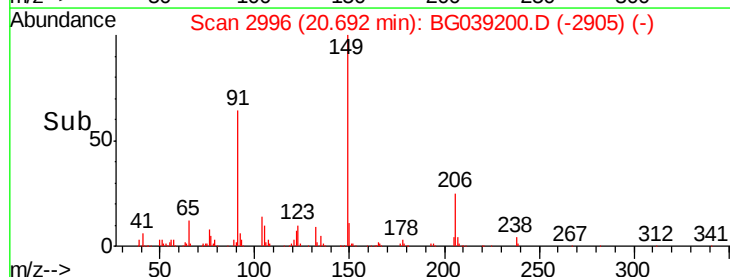
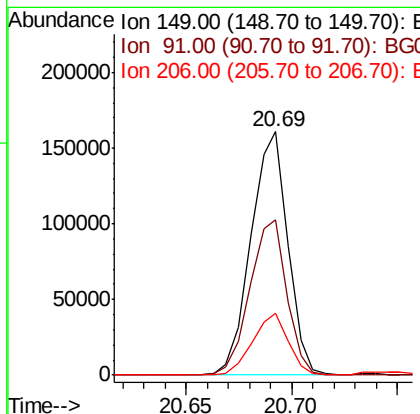
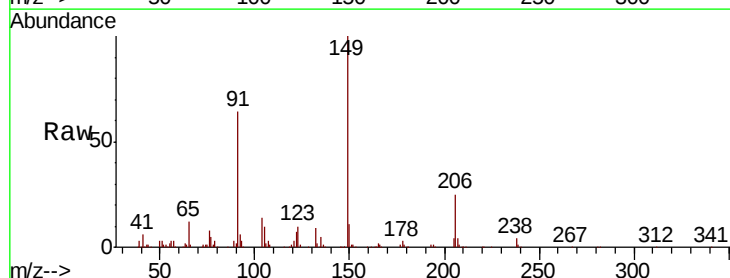
RT: 20.69 min Scan# 2996

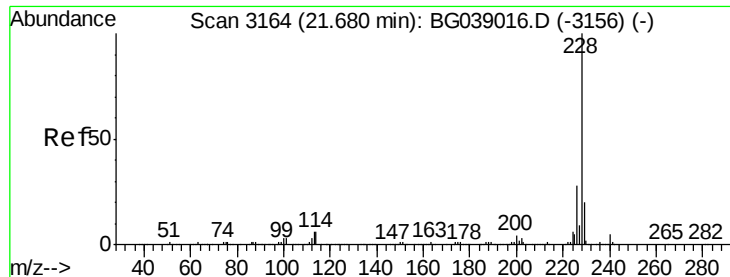
Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion:	149	Resp:	195090
Ion Ratio		Lower	Upper
149	100		
91	63.7	51.4	77.0
206	25.3	20.4	30.6





#81

Benzo(a)anthracene

Concen: 45.966 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Instrument :

BNA_G

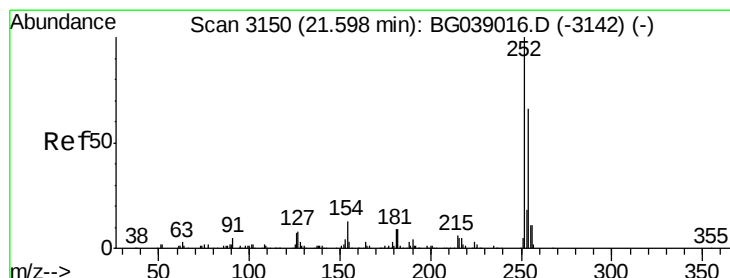
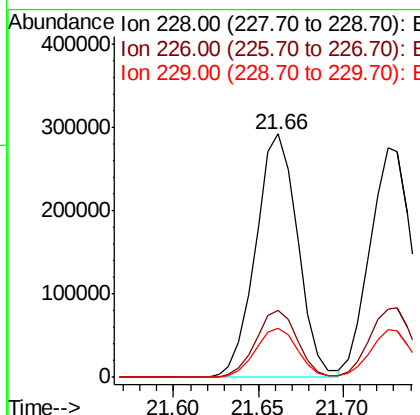
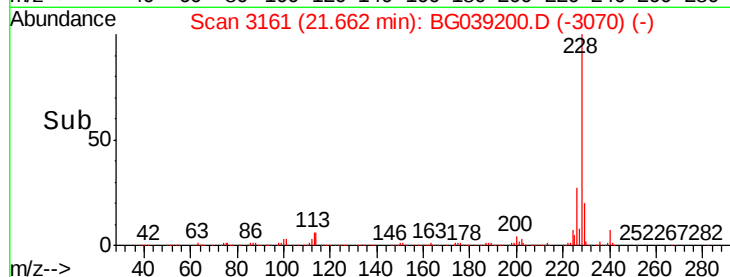
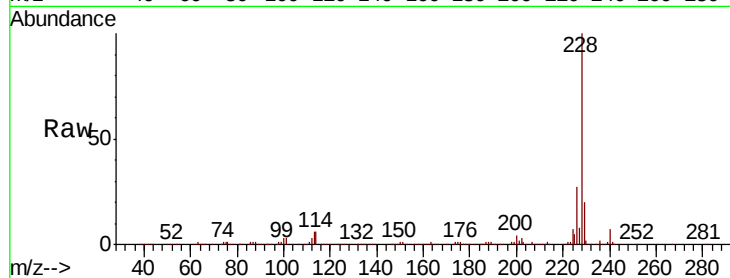
ClientSampleId :

RBR200044-RBR200027MS

Tot Ion:	228	Resp:	504192
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.4	33.6
229	20.0	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 9.150 ng

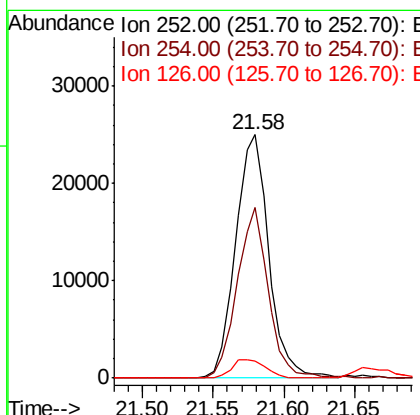
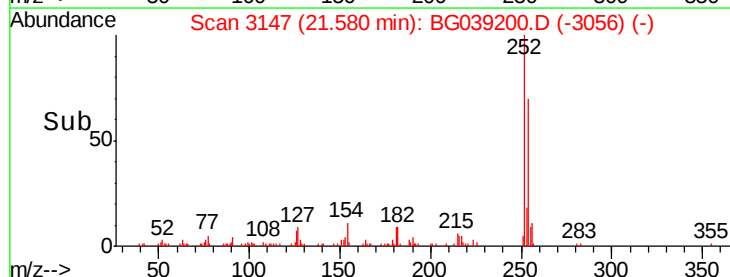
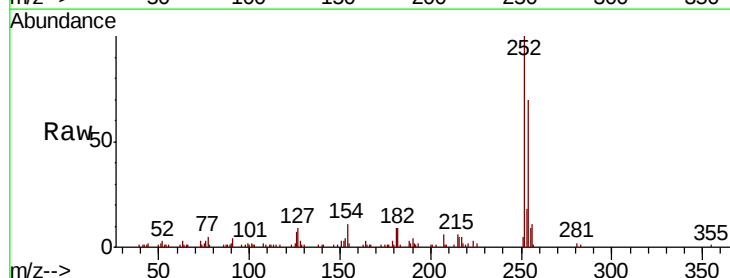
RT: 21.58 min Scan# 3147

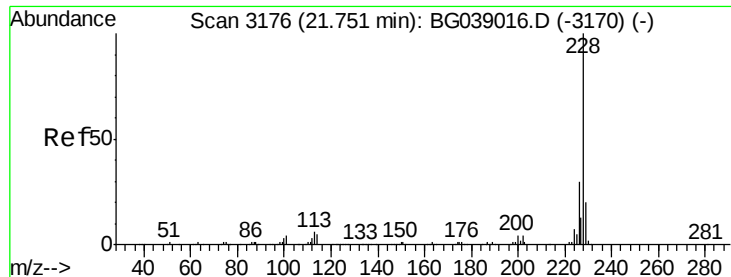
Delta R.T. 0.00 min

Lab File: BG039200.D

Acq: 18 Jan 2019 1:50

Tgt Ion:	252	Resp:	40895
Ion Ratio	Lower	Upper	
252	100		
254	69.9	53.0	79.6
126	6.8	6.0	9.0





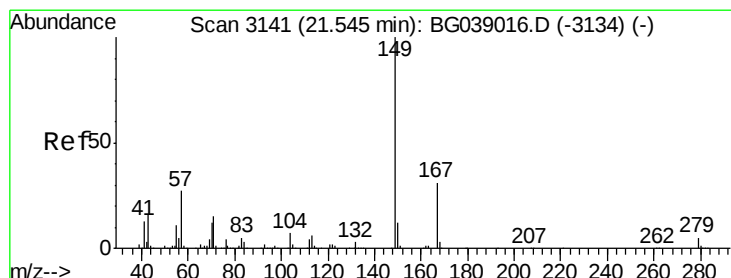
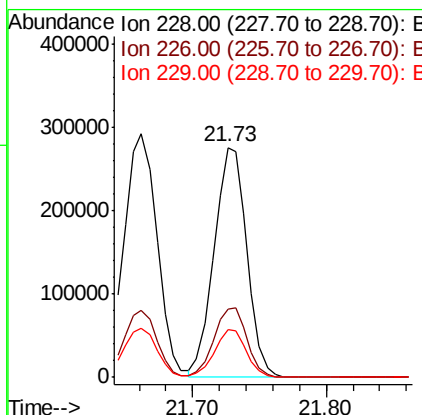
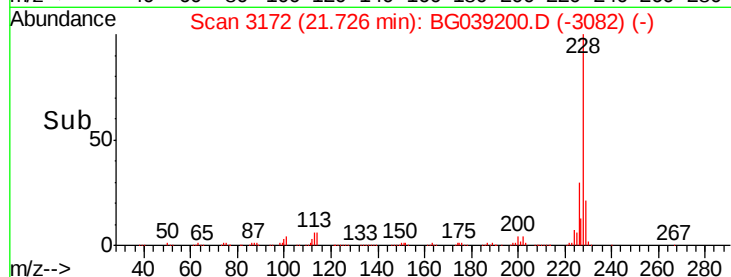
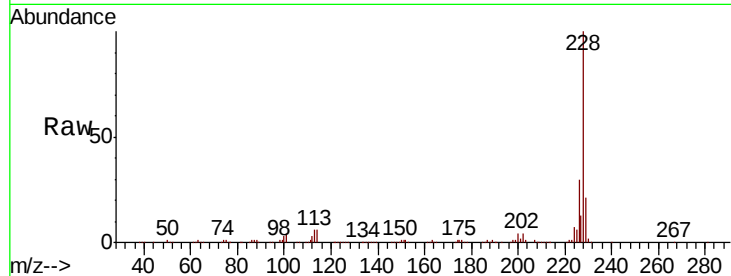
#83
Chrysene
Concen: 45.320 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	20.6	16.0	24.0

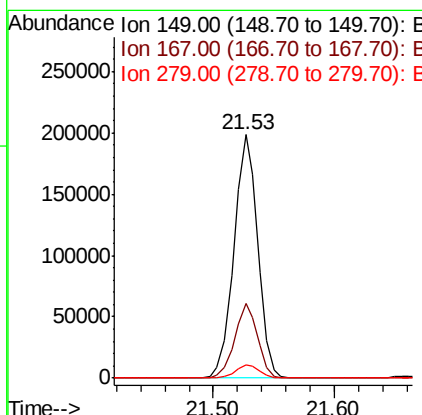
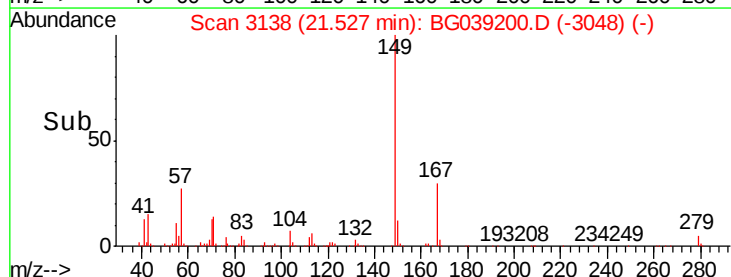
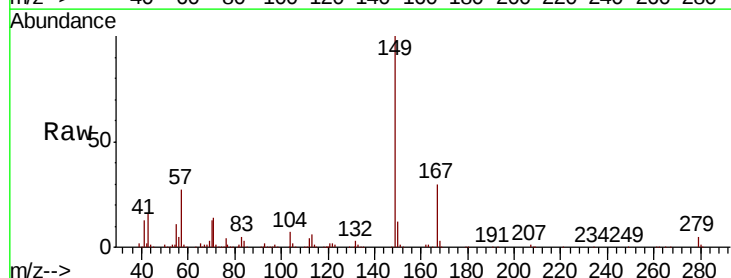
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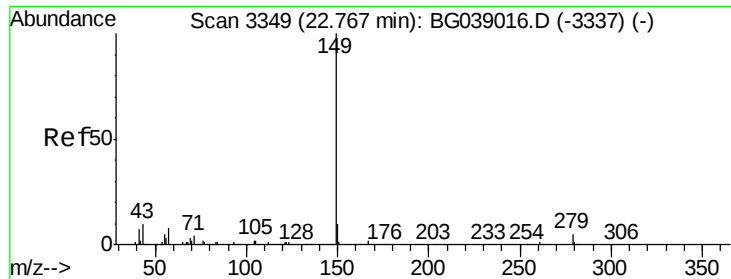
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.781 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	25.0	37.4
279	5.4	4.3	6.5





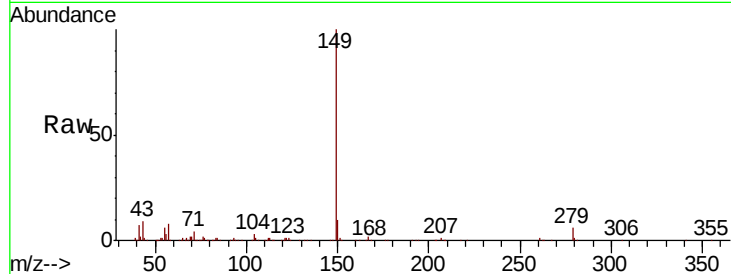
#85
Di-n-octyl phthalate
Concen: 46.763 ng
RT: 22.74 min Scan# 3345
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

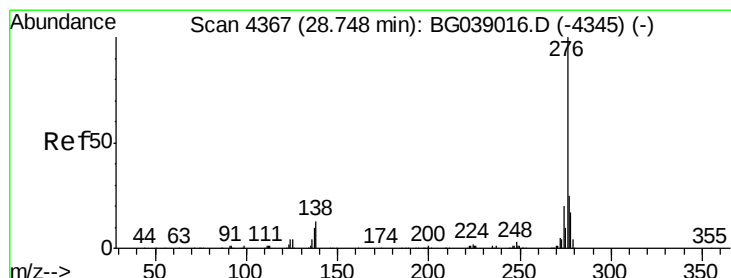
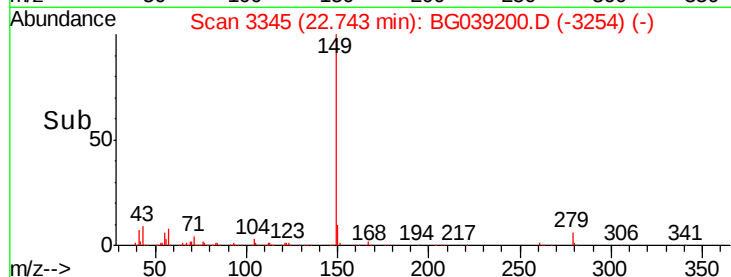
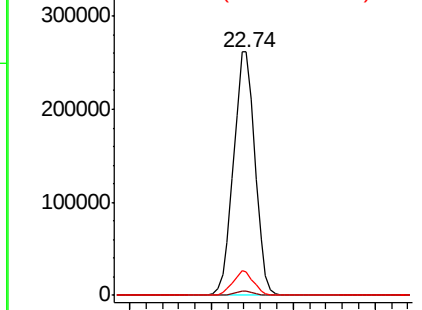
Tot Ion	Ratio	Resp	Lower	Upper
149	100	479521		
167	1.6		1.3	1.9
43	9.8		7.5	11.3

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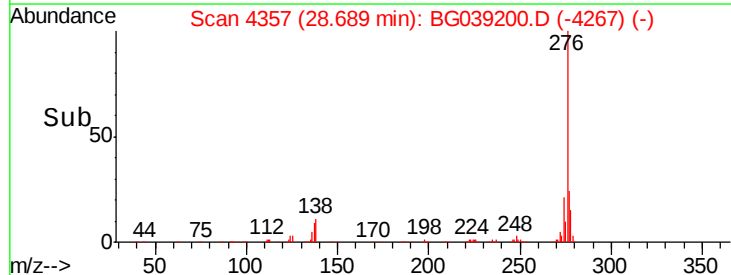
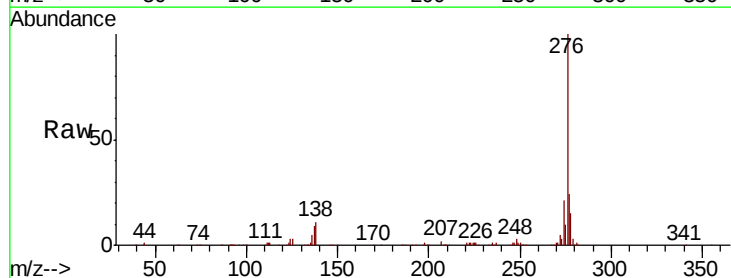
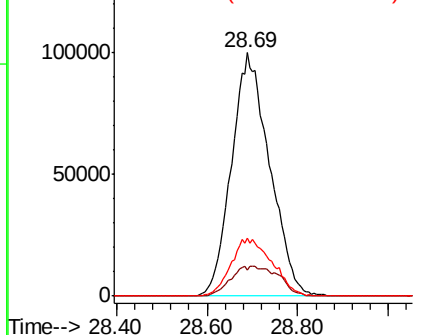
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

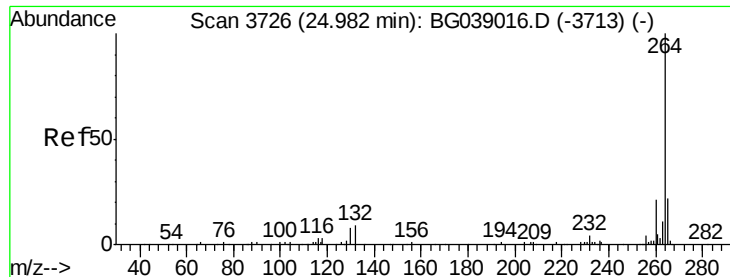


#86
Indeno(1,2,3-cd)pyrene
Concen: 46.788 ng
RT: 28.69 min Scan# 4357
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	583248		
138	5.8		8.0	12.0#
277	25.5		20.3	30.5

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





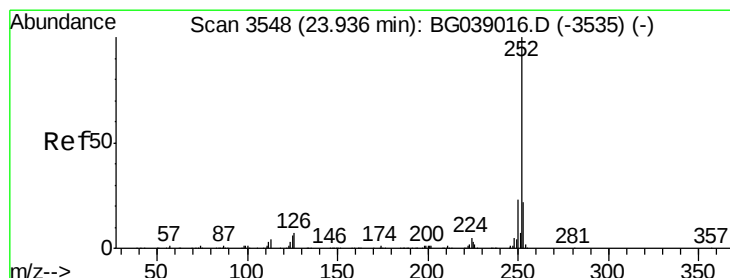
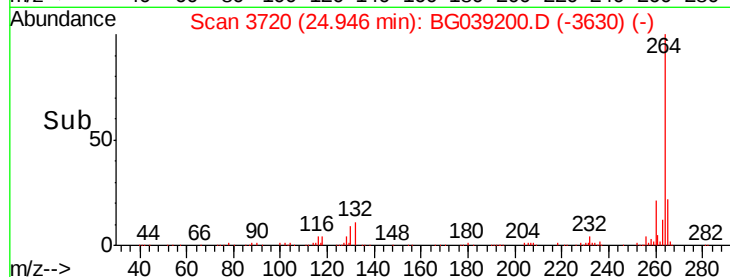
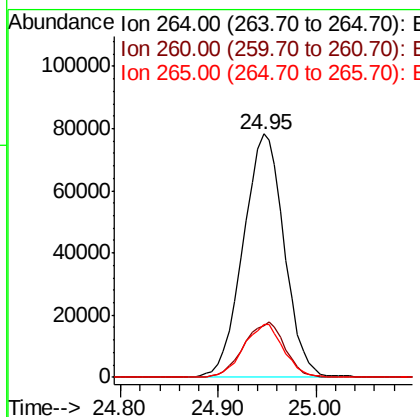
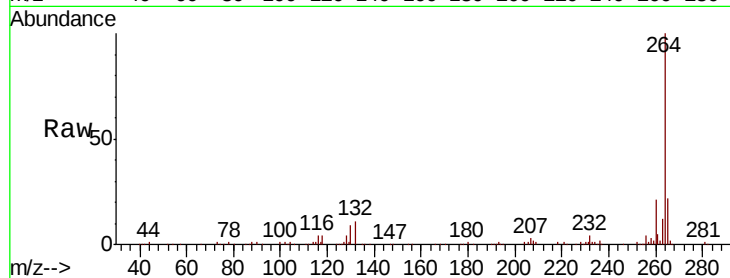
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.0	25.6
265	21.5	17.2	25.8

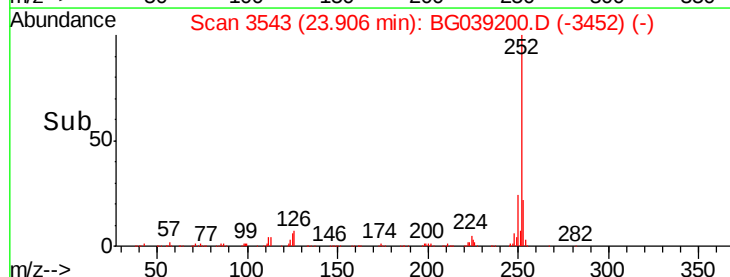
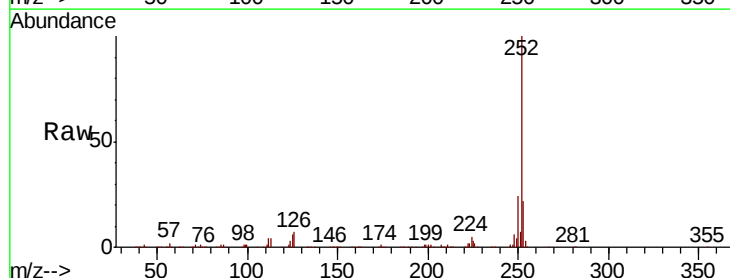
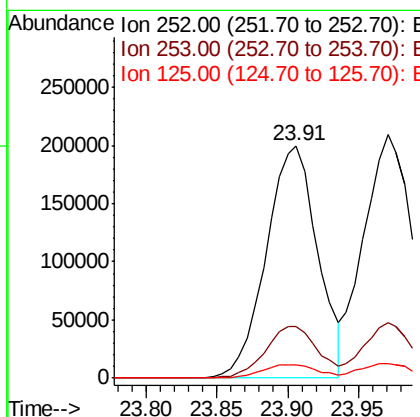
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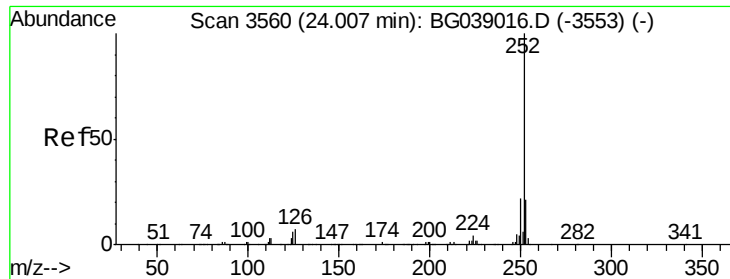
Sohil
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#88
Benzo(b)fluoranthene
Concen: 40.060 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	5.7	4.9	7.3





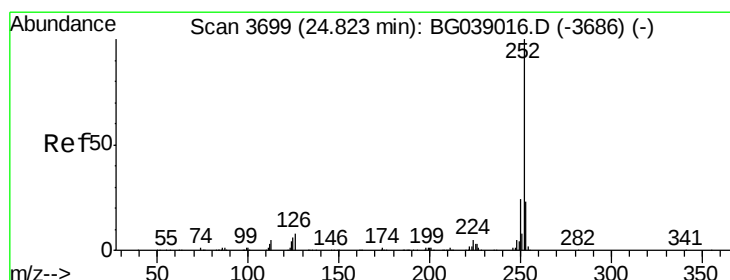
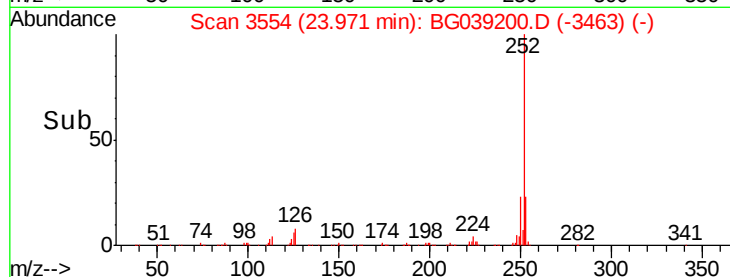
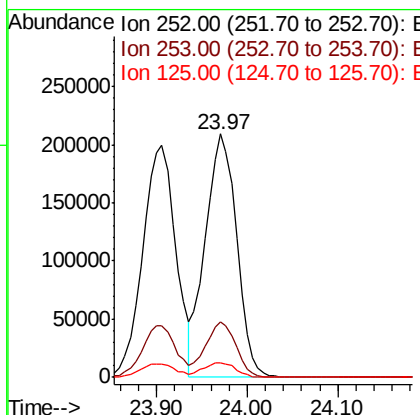
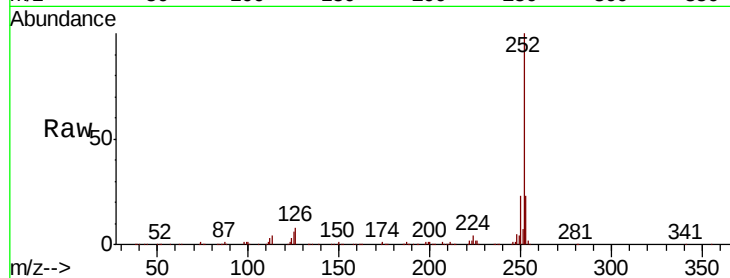
#89
Benzo(k)fluoranthene
Concen: 40.249 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	5.8	4.6	7.0

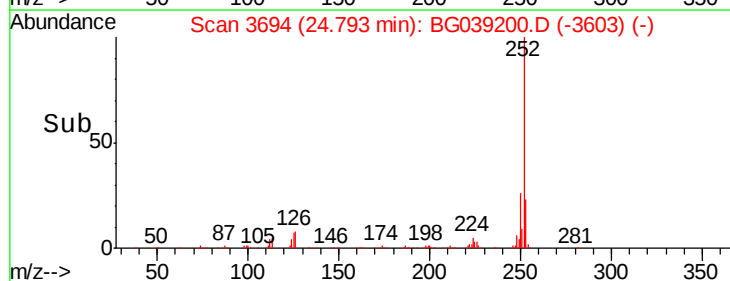
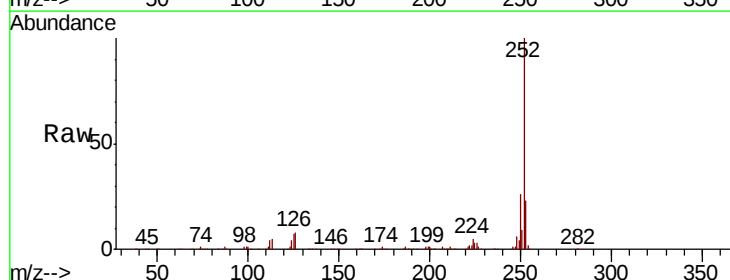
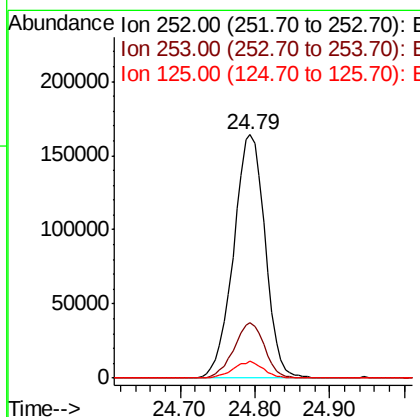
Manual Integrations
APPROVED

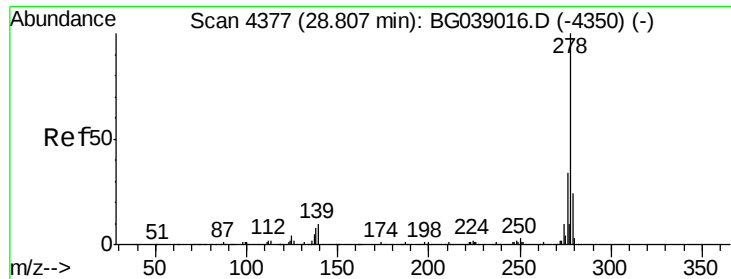
Sohil
1/18/2019 11:24:15 AM



#90
Benzo(a)pyrene
Concen: 39.351 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.8	4.9	7.3





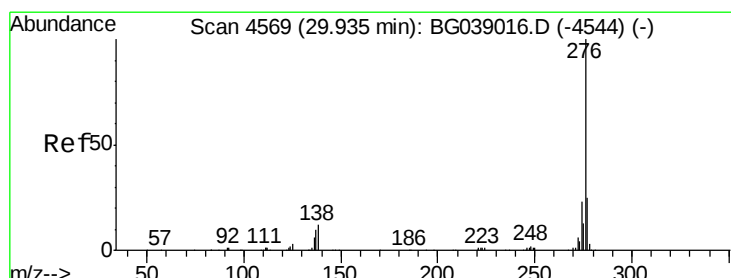
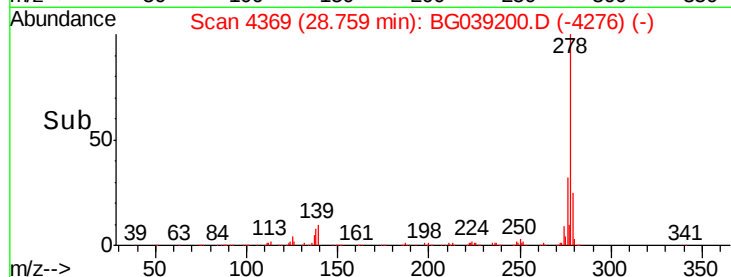
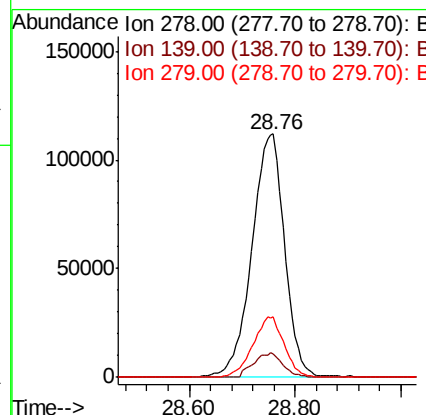
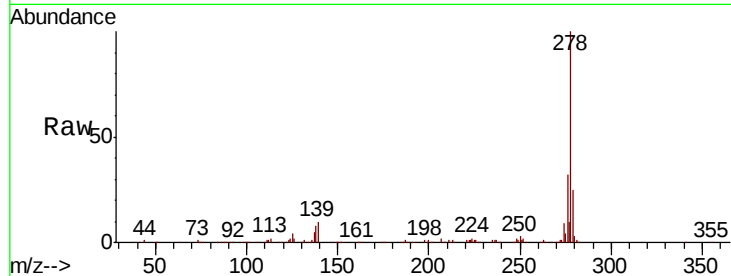
#91
Dibenzo(a,h)anthracene
Concen: 39.490 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.02 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.9	11.9
279	25.1	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/18/2019 11:24:15 AM



#92
Benzo(g,h,i)perylene
Concen: 39.737 ng
RT: 29.88 min Scan# 4560
Delta R.T. 0.01 min
Lab File: BG039200.D
Acq: 18 Jan 2019 1:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.3	30.5
138	12.6	9.4	14.2

