

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039148.D
 Acq On : 16 Jan 2019 5:40
 Operator : JU/SJ
 Sample : PB116389BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:06:17 PM

Quant Time: Jan 16 06:20:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	2410	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	16737	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	22333	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	123823	20.00	ng	0.00
76) Chrysene-d12	21.69	240	193930	20.00	ng	-0.01
87) Perylene-d12	24.96	264	196665	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	22182	174.60	ng	0.00
7) Phenol-d6	7.18	99	48082	262.98	ng	0.00
23) Nitrobenzene-d5	9.20	82	27318	89.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	96269	257.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	105358	64.56	ng	0.00
79) Terphenyl-d14	20.02	244	915574	87.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	470	9.447	ng	# 1
3) Pyridine	3.88	79	4198	31.054	ng	# 89
4) n-Nitrosodimethylamine	3.79	42	2676	43.990	ng	# 70
6) Aniline	7.35	93	6572	29.930	ng	# 84
8) 2-Chlorophenol	7.58	128	10656	71.155	ng	# 93
9) Benzaldehyde	7.18	77	2326	22.060	ng	# 87
10) Phenol	7.21	94	15966	87.101	ng	# 100
11) bis(2-Chloroethyl)ether	7.44	93	6990	49.894	ng	# 88
12) 1,3-Dichlorobenzene	7.91	146	6386m	35.591	ng	# 94
13) 1,4-Dichlorobenzene	8.06	146	7841	43.149	ng	# 94
14) 1,2-Dichlorobenzene	8.38	146	7162	41.336	ng	# 94
15) Benzyl Alcohol	8.27	79	10900	79.165	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	12479	46.453	ng	# 97
17) 2-Methylphenol	8.47	107	10770	84.616	ng	# 88
18) Hexachloroethane	9.09	117	2202	35.668	ng	# 77
19) n-Nitroso-di-n-propylamine	8.83	70	6997	58.278	ng	# 99
20) 3+4-Methylphenols	8.80	107	16923	93.254	ng	# 94
22) Acetophenone	8.85	105	15920	36.423	ng	# 98
24) Nitrobenzene	9.25	77	12194	39.442	ng	# 100
25) Isophorone	9.76	82	26559	50.409	ng	# 98
26) 2-Nitrophenol	9.96	139	7089	42.392	ng	# 98
27) 2,4-Dimethylphenol	10.00	122	14214	60.417	ng	# 95
28) bis(2-Chloroethoxy)methane	10.24	93	13596	42.937	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	19884	68.032	ng	# 96
30) 1,2,4-Trichlorobenzene	10.70	180	12824	36.517	ng	# 91
31) Naphthalene	10.89	128	37089	44.183	ng	# 98
32) Benzoic acid	10.16	122	10502m	67.742	ng	# 92
33) 4-Chloroaniline	11.01	127	8913	23.729	ng	# 92
34) Hexachlorobutadiene	11.15	225	6470	26.775	ng	# 92
35) Caprolactam	11.78	113	14384m	122.729	ng	# 93
36) 4-Chloro-3-methylphenol	12.12	107	29428	94.138	ng	# 98
37) 2-Methylnaphthalene	12.49	142	35905	57.050	ng	# 96
38) 1-Methylnaphthalene	12.71	142	35555	58.858	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	23375	27.869	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	12244	29.796	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	22617	42.845	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	30484	54.638	nq	97
46) 1,1'-Biphenyl	13.49	154	59245	33.479	nq	99
47) 2-Chloronaphthalene	13.55	162	50677	35.388	nq	99
48) 2-Nitroaniline	13.76	65	25450	63.437	nq	97
49) Acenaphthylene	14.39	152	100873	46.865	nq	97
50) Dimethylphthalate	14.11	163	96194	50.971	nq	98
51) 2,6-Dinitrotoluene	14.25	165	24309	57.613	nq	96
52) Acenaphthene	14.73	154	57187	44.221	nq	93
53) 3-Nitroaniline	14.59	138	10715	25.033	nq #	97
54) 2,4-Dinitrophenol	14.80	184	23592	92.610	nq	92
55) Dibenzofuran	15.06	168	118518	51.891	nq	99
56) 4-Nitrophenol	14.90	139	69065	224.253	nq	91
57) 2,4-Dinitrotoluene	15.04	165	48430	80.004	nq #	92
58) Fluorene	15.71	166	107524	62.543	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	41933	79.620	nq	96
60) Diethylphthalate	15.47	149	118719	61.056	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	55209	50.972	nq	99
62) 4-Nitroaniline	15.76	138	42600	95.538	nq	97
63) Azobenzene	15.99	77	90313	59.393	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	29285	31.923	nq	98
66) n-Nitrosodiphenylamine	15.91	169	115853	31.561	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	54122	34.003	nq	94
68) Hexachlorobenzene	16.71	284	61197	35.235	nq	97
69) Atrazine	16.86	200	68506	43.931	nq	98
70) Pentachlorophenol	17.06	266	74278	70.000	nq	95
71) Phenanthrene	17.45	178	341638	52.199	nq	99
72) Anthracene	17.55	178	323983	50.066	nq	100
73) Carbazole	17.82	167	374523	58.627	nq	98
74) Di-n-butylphthalate	18.35	149	379998	53.471	nq	99
75) Fluoranthene	19.47	202	562757	69.360	nq	100
77) Benzidine	19.65	184	103306	17.416	nq	98
78) Pyrene	19.83	202	583328	47.199	nq	98
80) Butylbenzylphthalate	20.70	149	227791	48.460	nq	100
81) Benzo(a)anthracene	21.67	228	562359	47.636	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	69273	14.402	nq	96
83) Chrysene	21.74	228	521000	46.402	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	327341	50.154	nq	97
85) Di-n-octyl phthalate	22.75	149	457566	41.460	nq	100
86) Indeno(1,2,3-cd)pyrene	28.72	276	565118	42.121	nq #	96
88) Benzo(b)fluoranthene	23.92	252	535344	49.367	nq	97
89) Benzo(k)fluoranthene	23.99	252	509634	47.532	nq	99
90) Benzo(a)pyrene	24.81	252	514011	49.039	nq	100
91) Dibenzo(a,h)anthracene	28.78	278	462374	44.349	nq	99
92) Benzo(g,h,i)perylene	29.91	276	431663	41.822	nq	96

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



#1

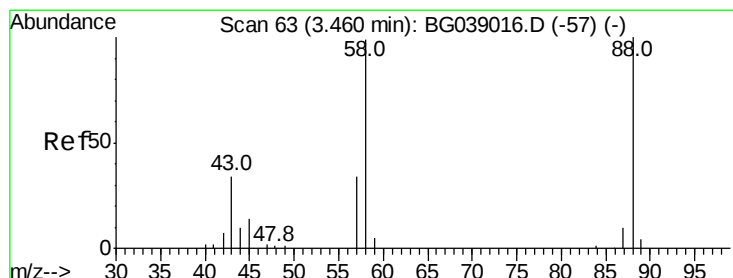
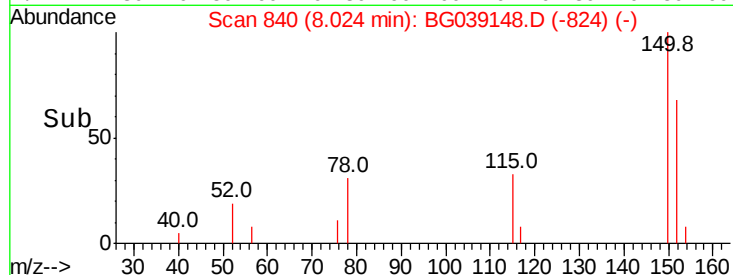
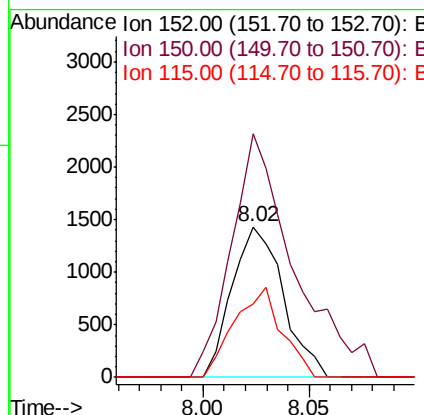
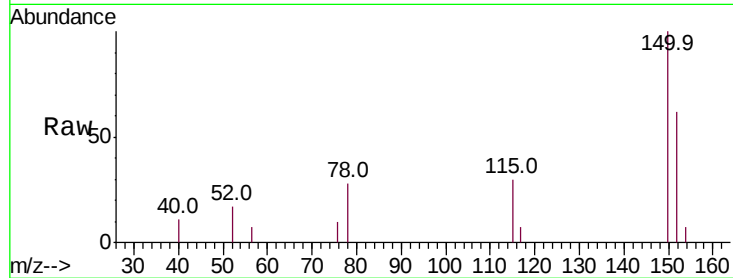
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.7	187.1
115	48.7	46.5	69.7

Manual Integrations
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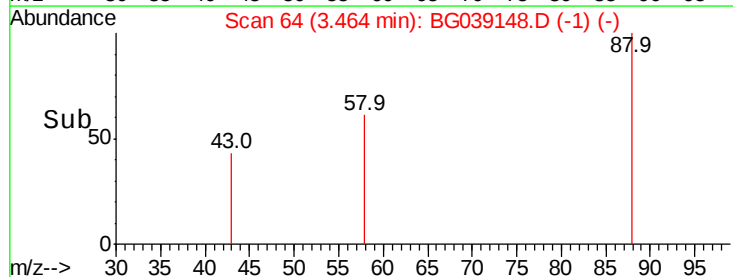
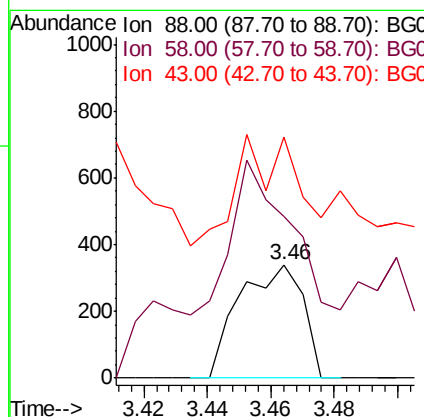
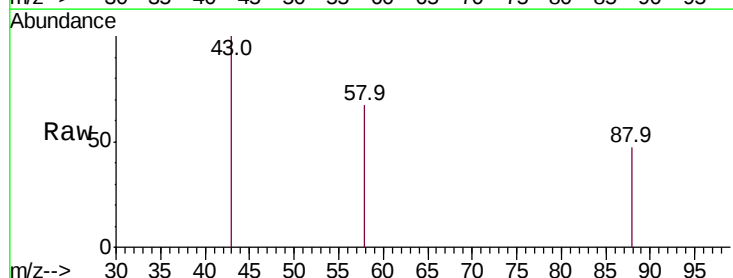
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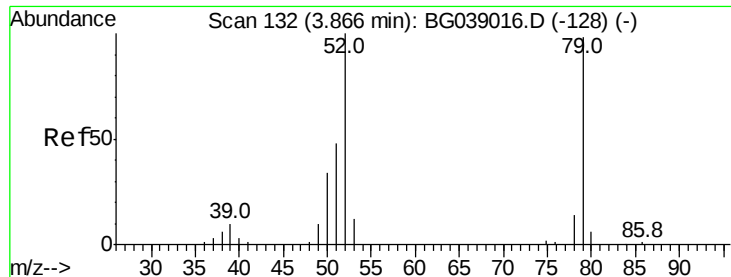


#2

1,4-Dioxane
Concen: 9.447 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	234.9	72.4	108.6#
43	87.2	27.6	41.4#





#3

Pvridine

Concen: 31.054 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.02 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

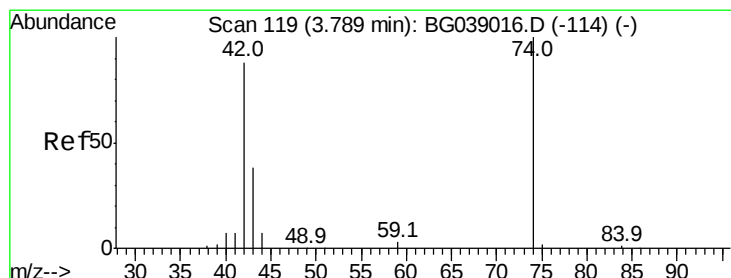
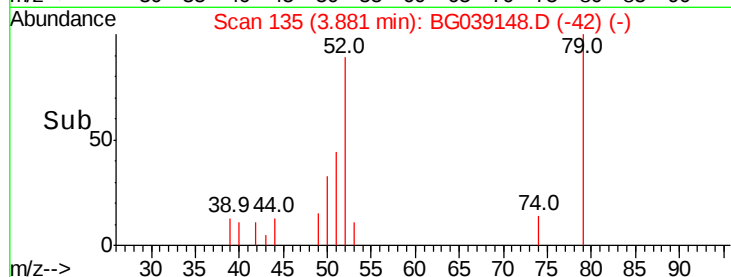
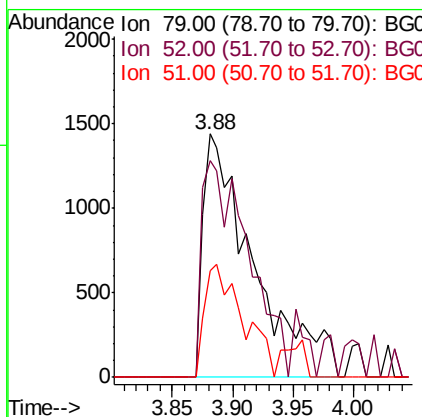
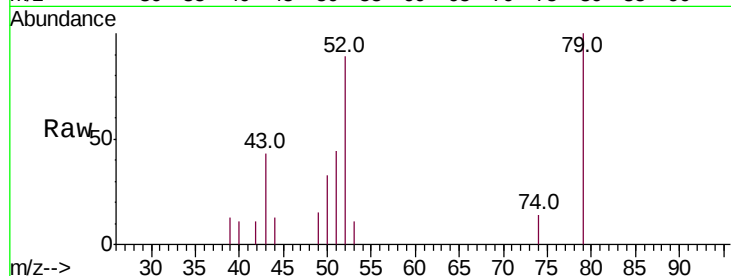
ClientSampleId :

PB116389BS

Tot Ion:	79	Resp:	4198
Ion	Ratio	Lower	Upper
79	100		
52	89.2	81.5	122.3
51	43.7	39.8	59.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.990 ng

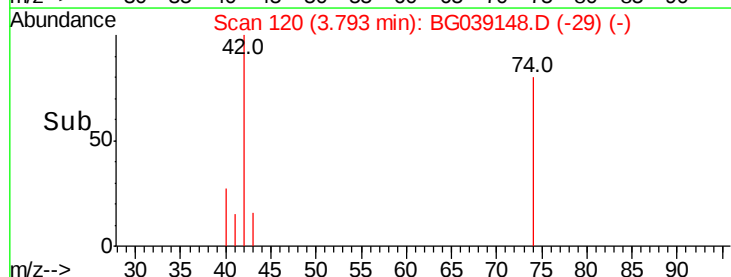
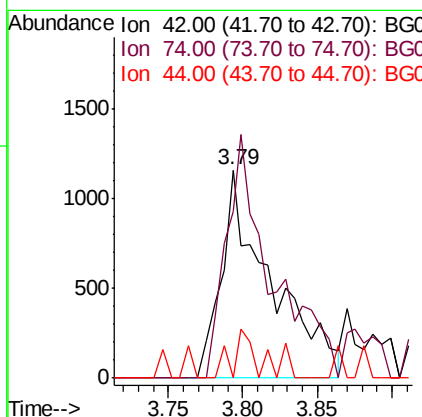
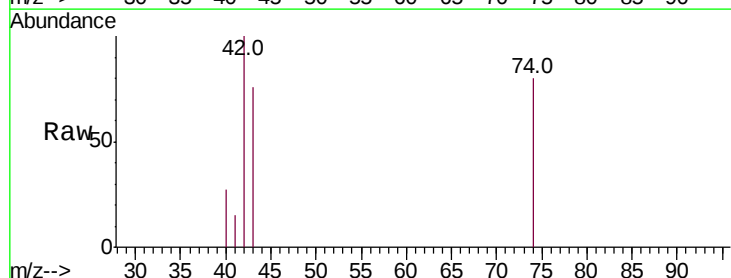
RT: 3.79 min Scan# 120

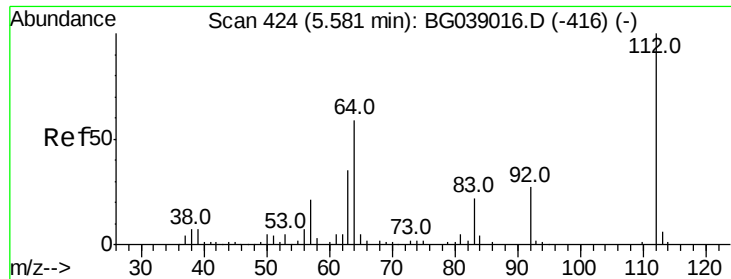
Delta R.T. 0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	42	Resp:	2676
Ion	Ratio	Lower	Upper
42	100		
74	80.3	90.7	136.1#
44	0.0	6.5	9.7#





#5

2-Fluorophenol

Concen: 174.601 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

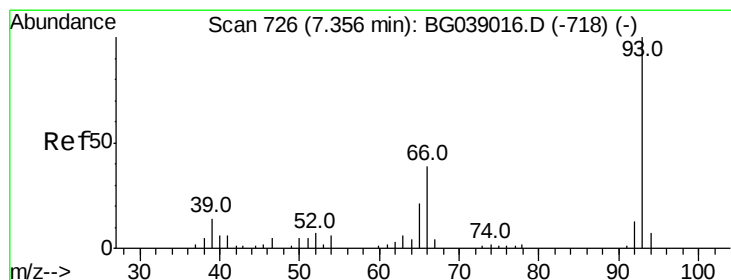
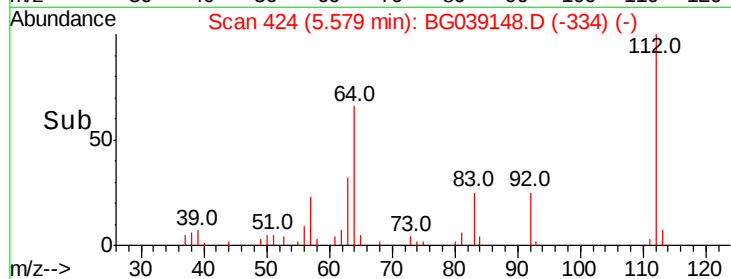
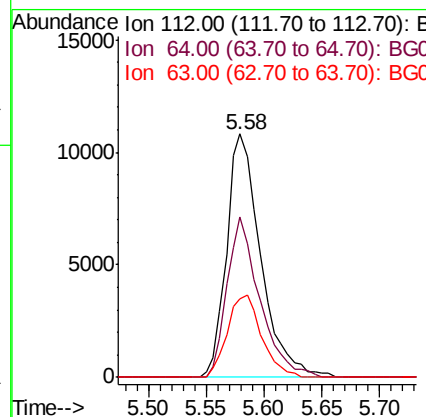
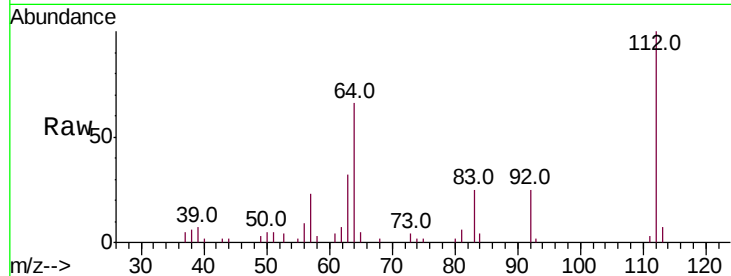
ClientSampled :

PB116389BS

Tot Ion:	112	Resp:	22182
Ion Ratio	Lower	Upper	
112	100		
64	65.9	47.0	70.6
63	32.4	28.0	42.0

Manual Integrations
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#6

Aniline

Concen: 29.930 ng

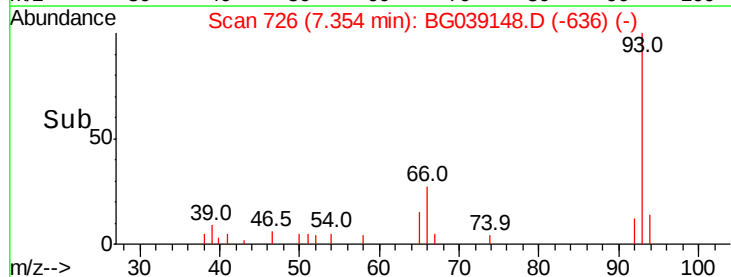
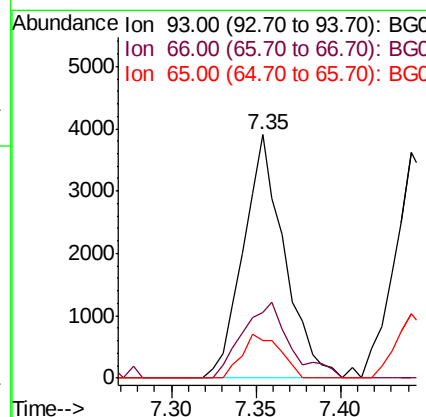
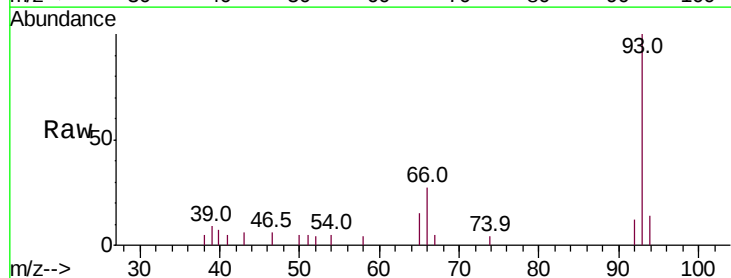
RT: 7.35 min Scan# 726

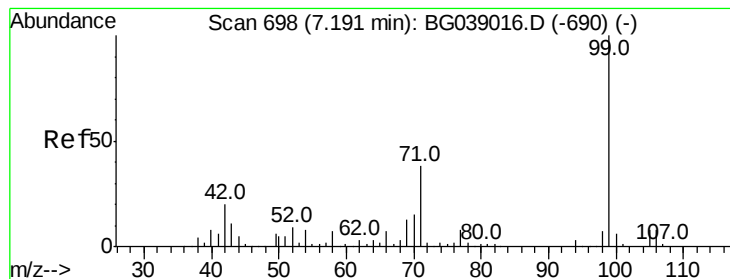
Delta R.T. -0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	93	Resp:	6572
Ion Ratio	Lower	Upper	
93	100		
66	27.2	30.9	46.3#
65	15.5	17.0	25.4#





#7

Phenol-d6

Concen: 262.984 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

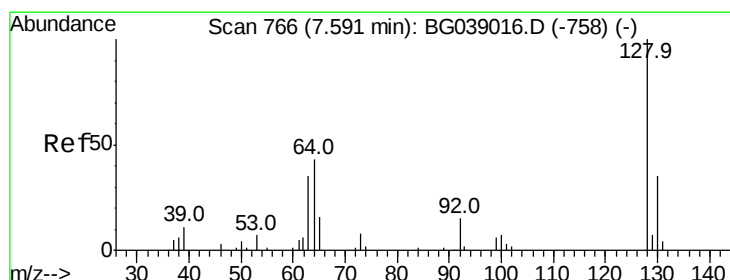
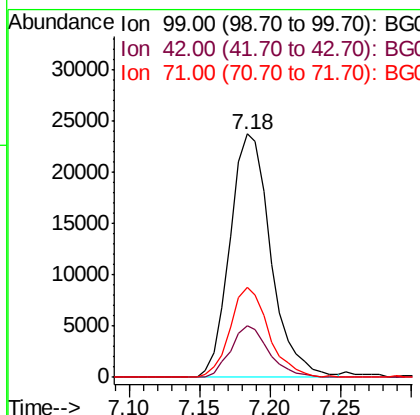
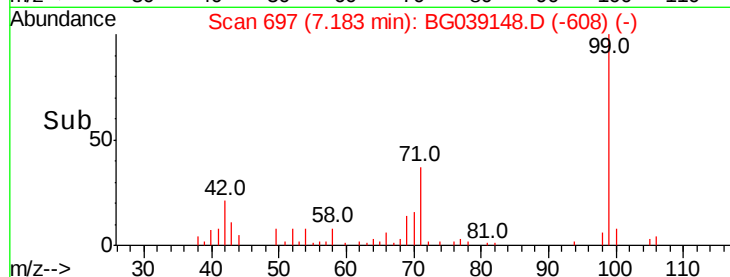
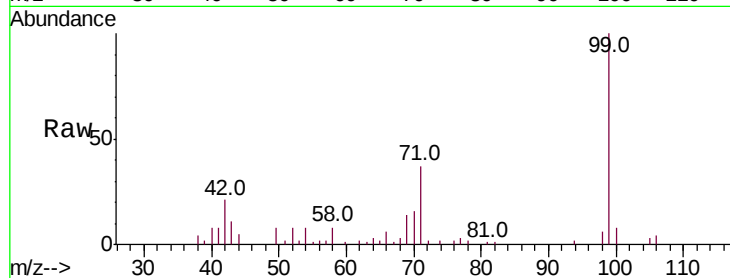
ClientSampleId :

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Tot Ion:	99	Resp:	48082
Ion Ratio	Lower	Upper	
99	100		
42	21.0	15.8	23.6
71	36.8	30.2	45.4

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#8

2-Chlorophenol

Concen: 71.155 ng

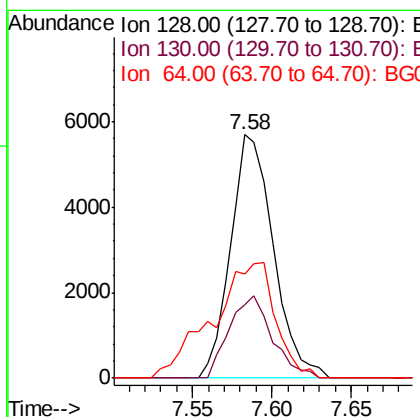
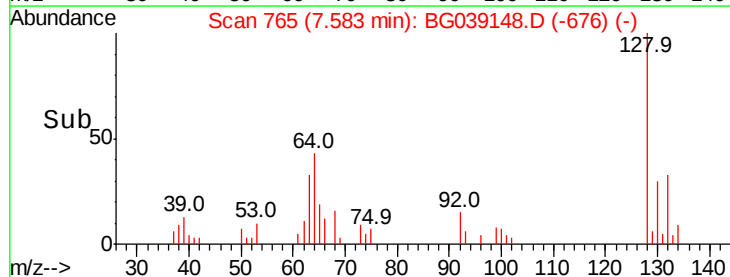
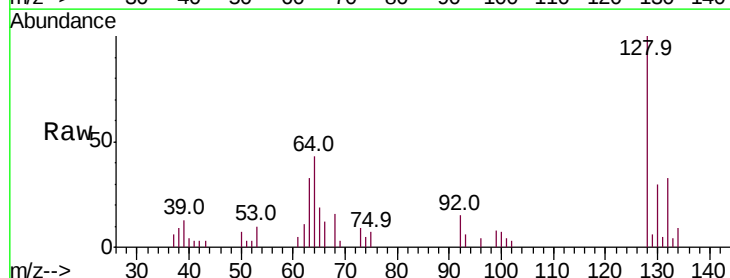
RT: 7.58 min Scan# 765

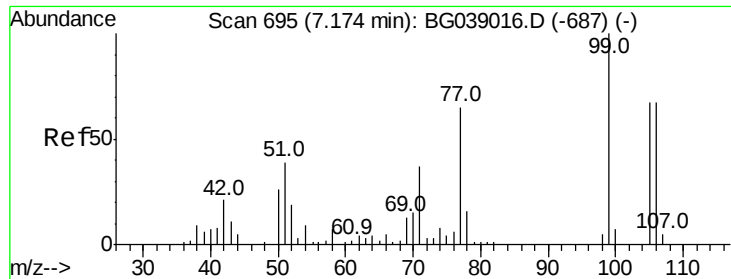
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	128	Resp:	10656
Ion Ratio	Lower	Upper	
128	100		
130	29.9	14.5	54.5
64	42.5	27.3	67.3





#9

Benzaldehyde

Concen: 22.060 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

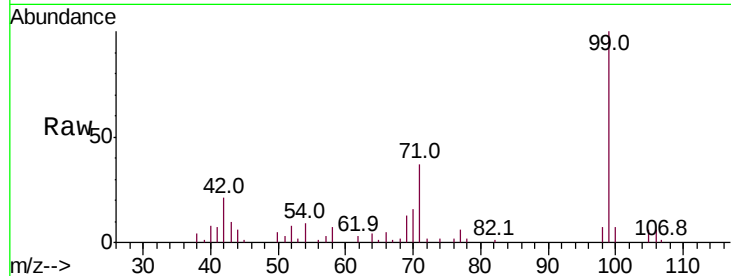
ClientSampleId :

PB116389BS

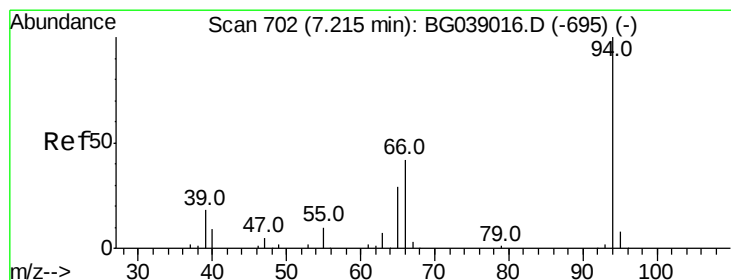
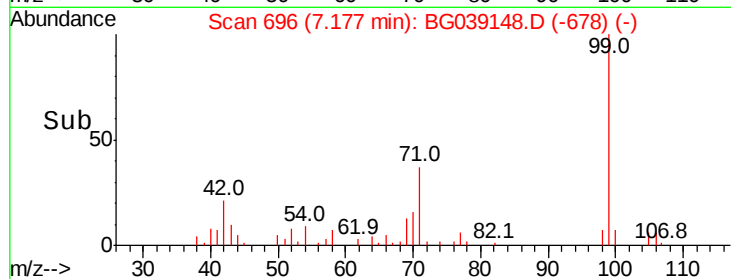
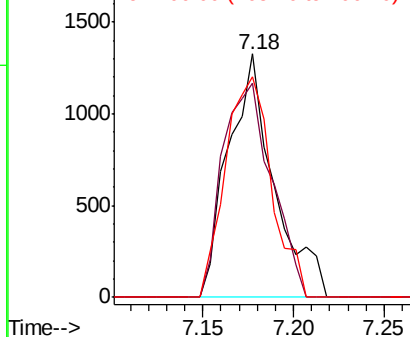
Tot Ion:	77	Resp:	2326
Ion	Ratio	Lower	Upper
77	100		
105	87.8	82.4	122.4
106	90.4	82.8	122.8

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



#10

Phenol

Concen: 87.101 ng

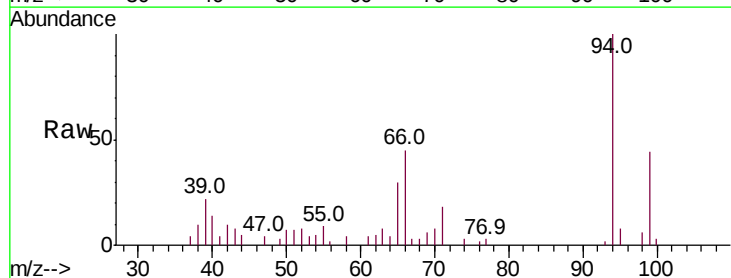
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

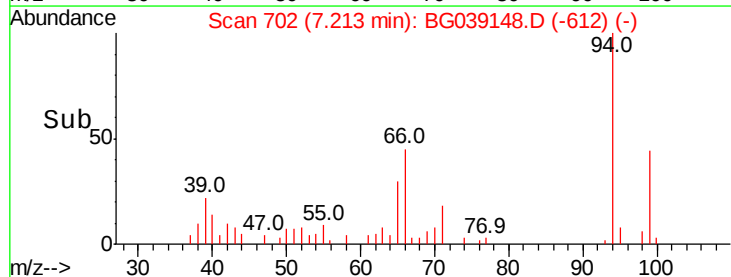
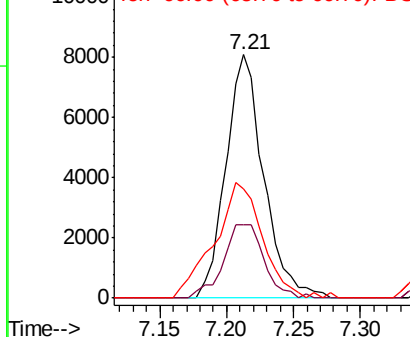
Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	94	Resp:	15966
Ion	Ratio	Lower	Upper
94	100		
65	30.0	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





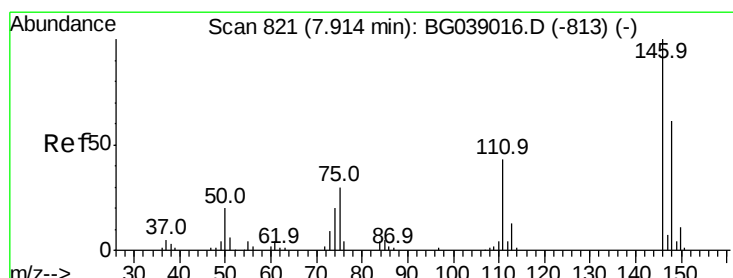
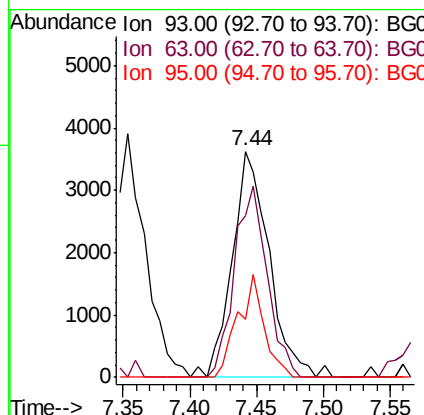
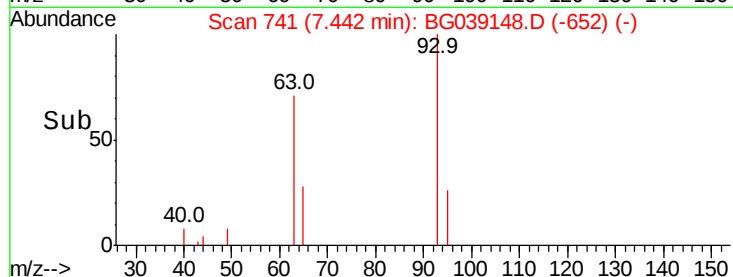
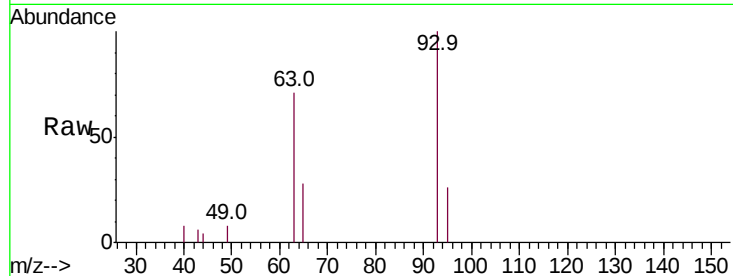
#11
bis(2-Chloroethyl)ether
Concen: 49.894 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	63.2	103.2
95	25.6	11.2	51.2

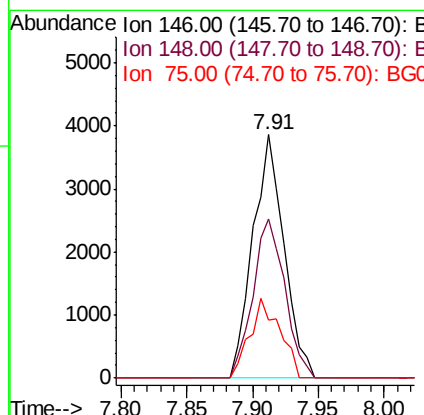
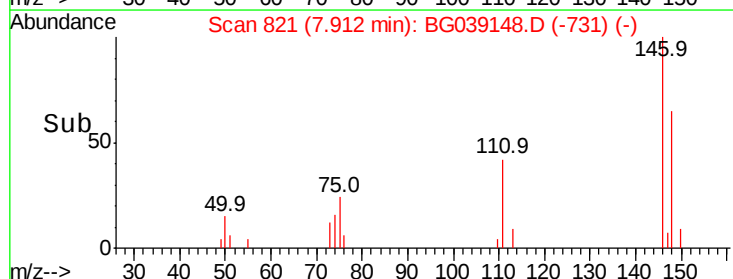
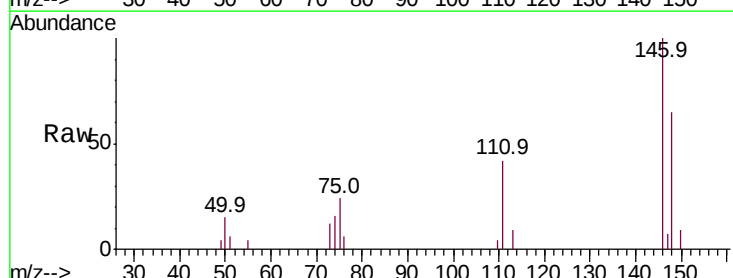
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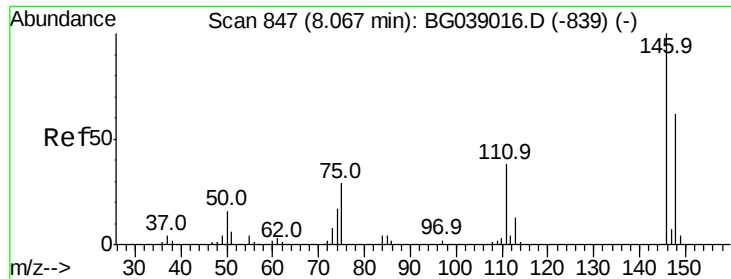
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.591 ng m
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.1	73.7
75	23.6	23.9	35.9#





#13

1,4-Dichlorobenzene

Concen: 43.149 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

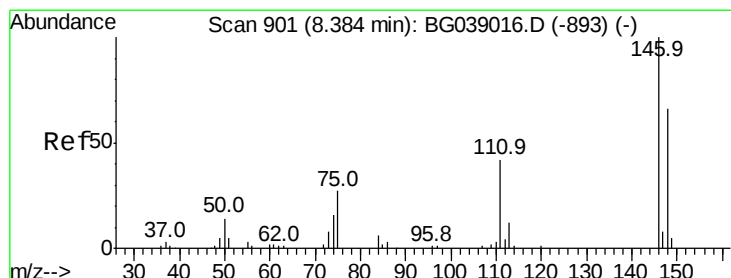
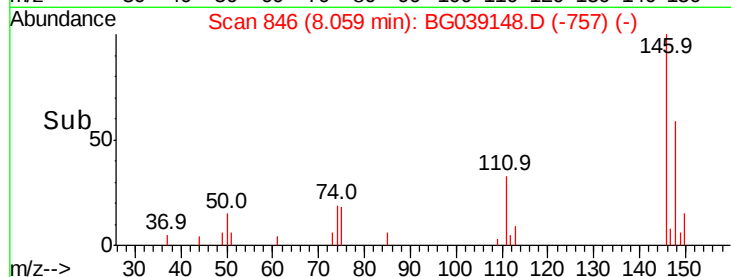
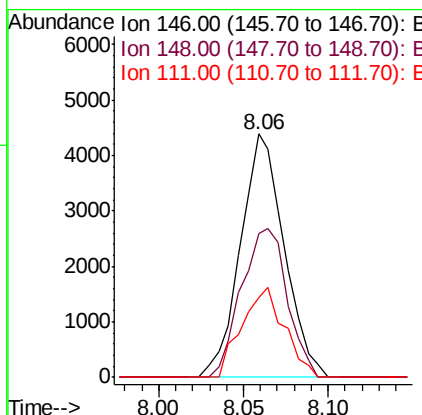
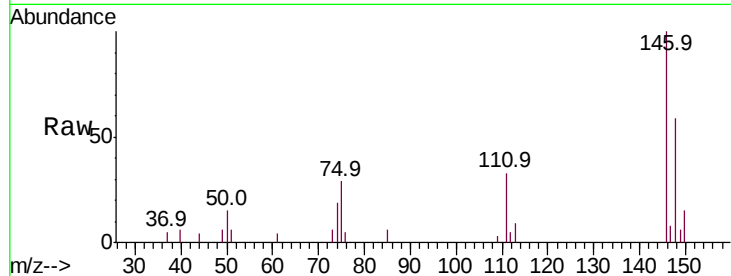
ClientSampleId :

PB116389BS

Tot Ion:	146	Resp:	7841
Ion Ratio	Lower	Upper	
146	100		
148	59.3	49.8	74.6
111	32.5	30.6	45.8

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#14

1,2-Dichlorobenzene

Concen: 41.336 ng

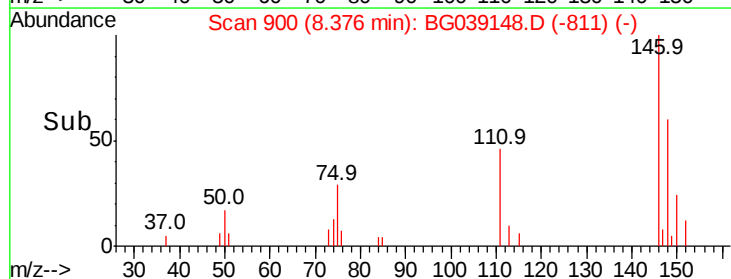
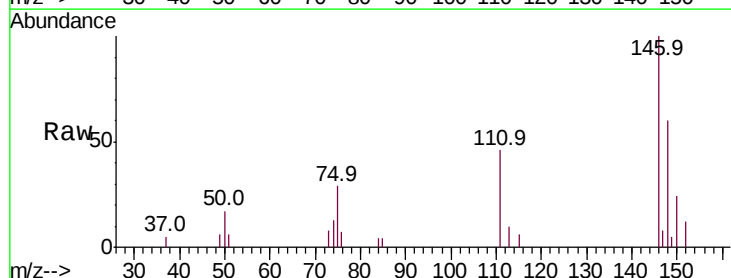
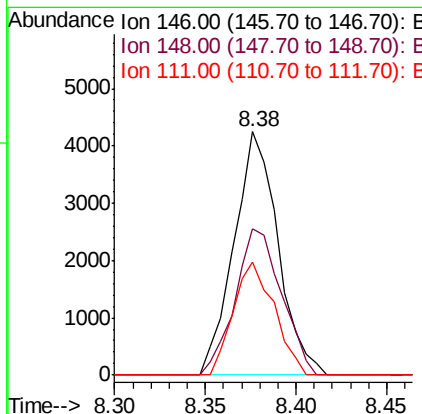
RT: 8.38 min Scan# 900

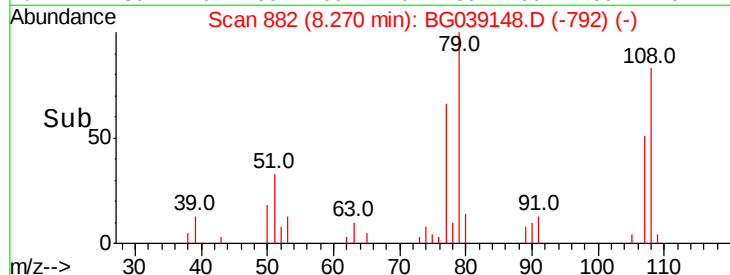
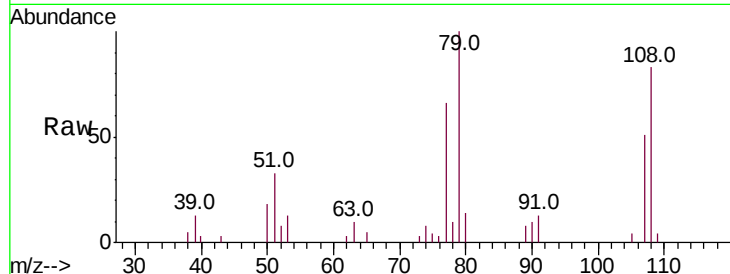
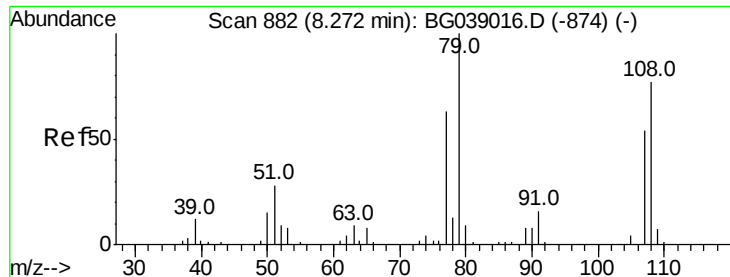
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	146	Resp:	7162
Ion Ratio	Lower	Upper	
146	100		
148	59.9	52.6	79.0
111	46.3	34.6	51.8





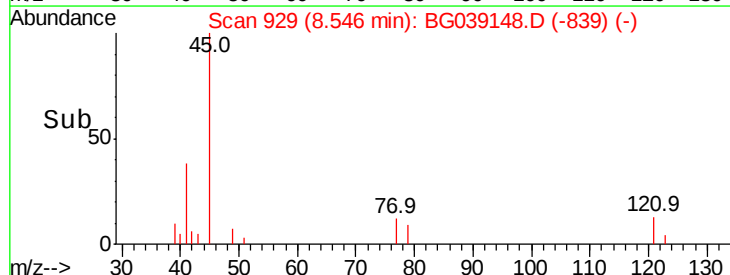
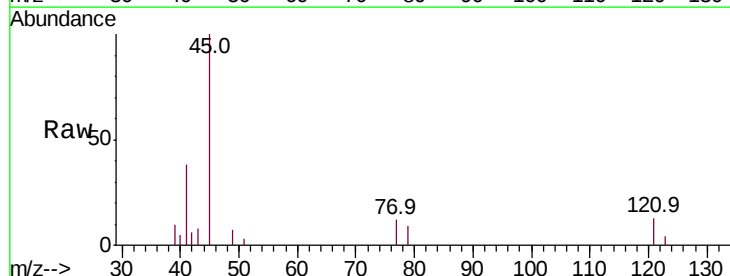
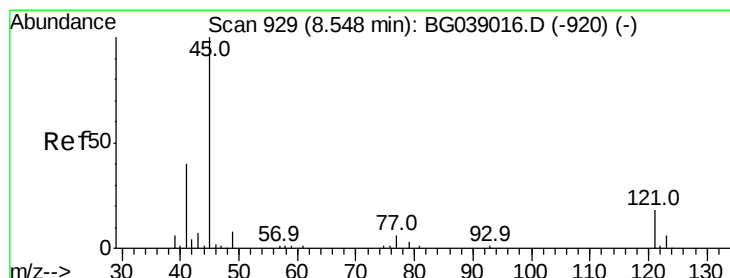
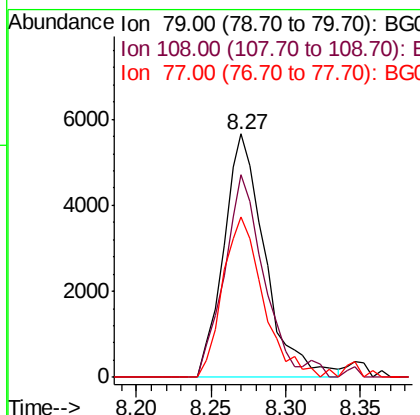
#15
Benzyl Alcohol
Concen: 79.165 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.2	62.0	93.0	
77	66.0	50.1	75.1	

Instrument :
BNA_G
ClientSampleId :
PB116389BS

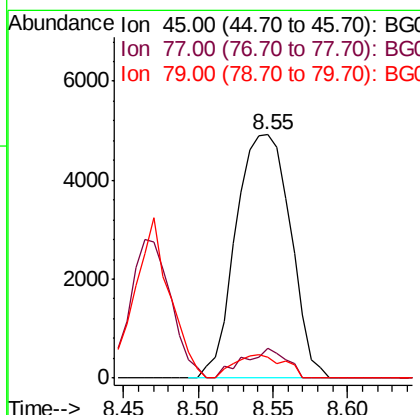
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.453 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.5	0.0	30.7	
79	8.8	0.0	28.5	





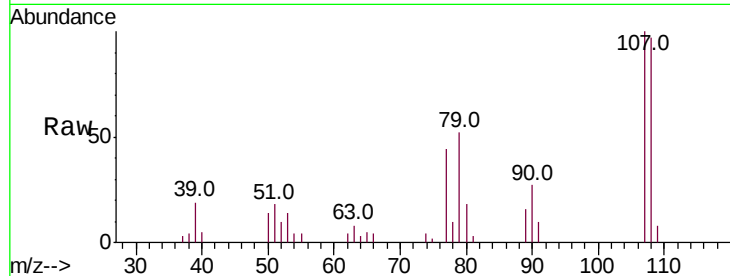
#17
2-Methylphenol
Concen: 84.616 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampled :
PB116389BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	97.0	90.3	135.5
77	44.1	38.3	57.5
79	51.7	35.8	53.6

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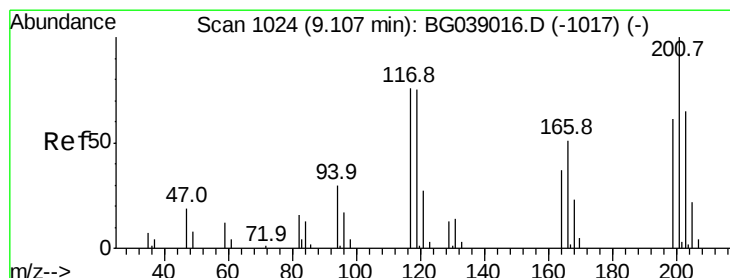
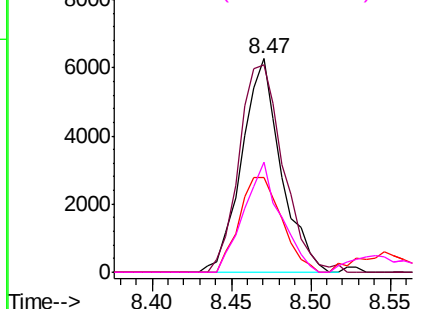
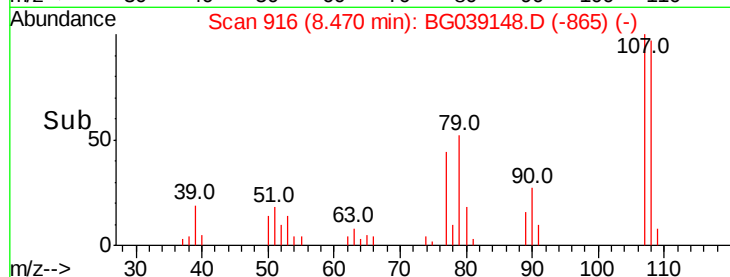
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

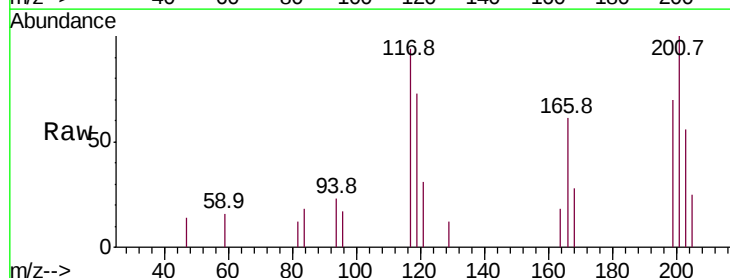
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.668 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	77.8	78.7	118.1#
201	106.6	108.1	162.1#

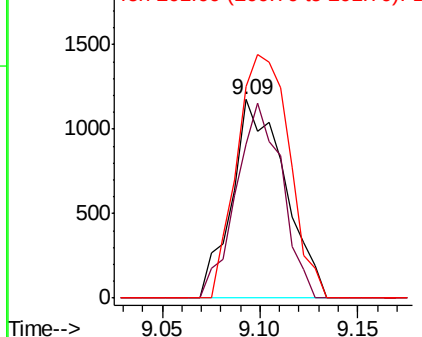
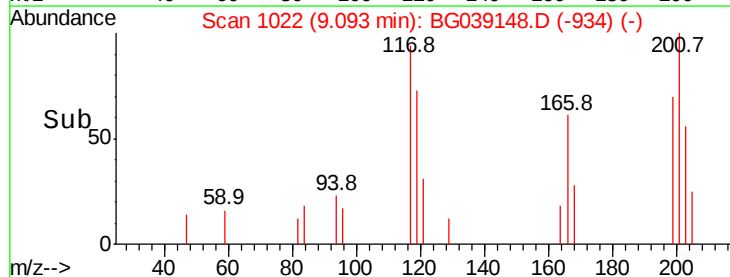


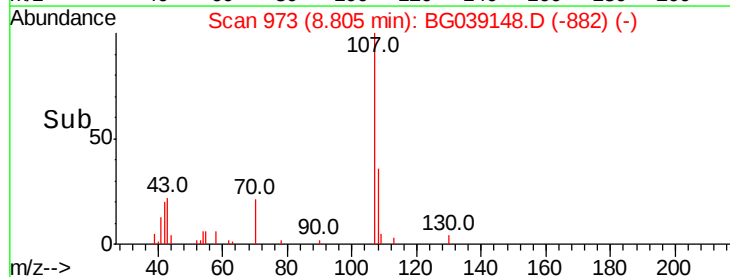
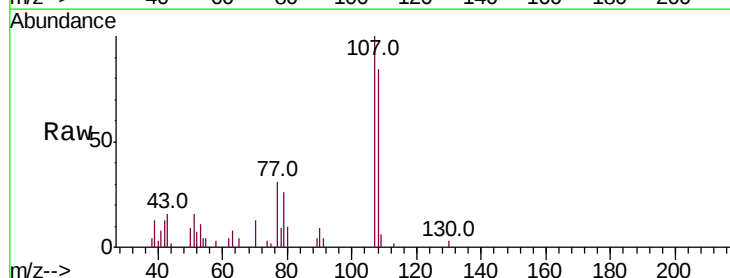
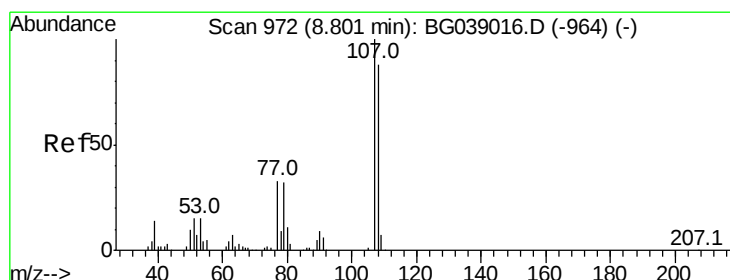
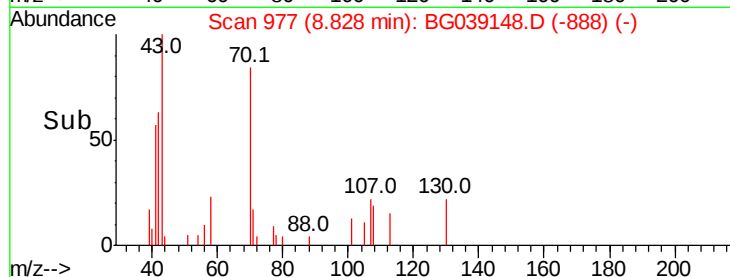
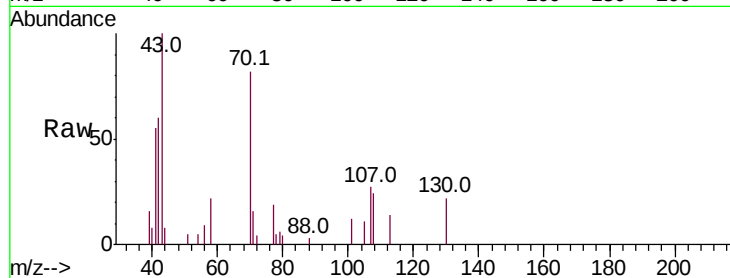
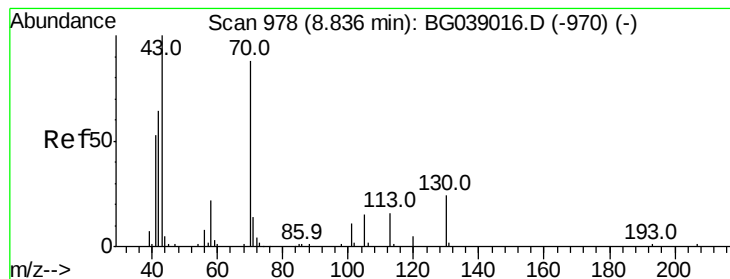
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 58.278 ng

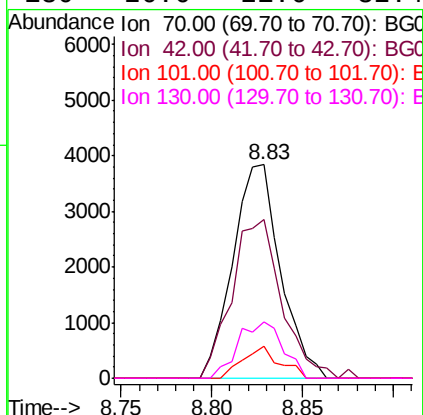
RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.1	59.0	88.4
101	15.1	10.4	15.6
130	26.6	21.6	32.4



Instrument :

BNA_G

ClientSampleId :

PB116389BS

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#20

3+4-Methylphenols

Concen: 93.254 ng

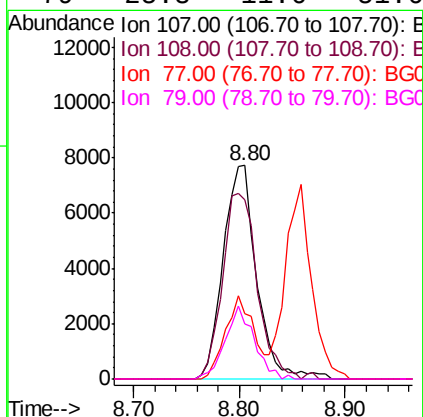
RT: 8.80 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.7	68.4	108.4
77	30.8	13.3	53.3
79	25.8	11.6	51.6





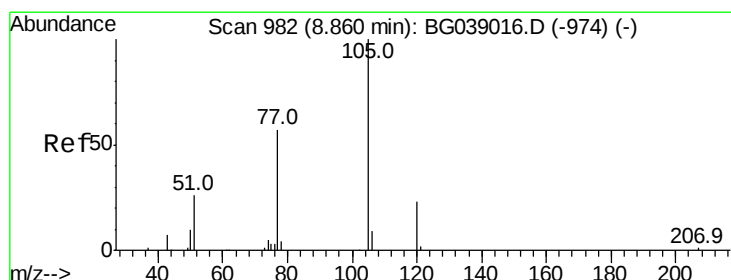
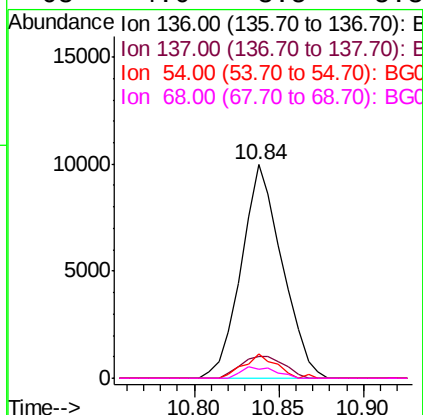
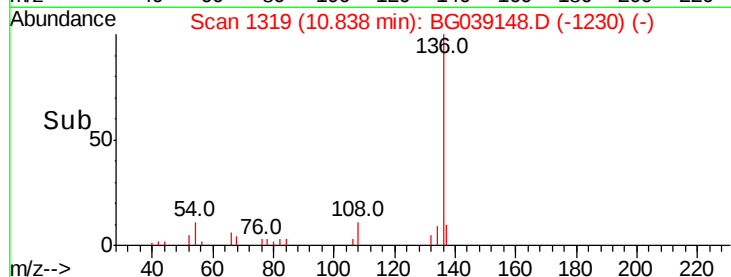
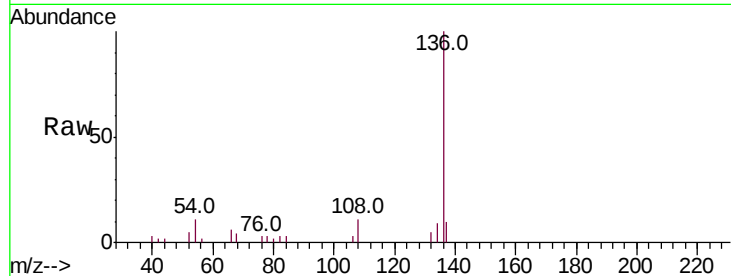
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.1	9.4	14.2
54	11.2	7.2	10.8
68	4.0	3.5	5.3

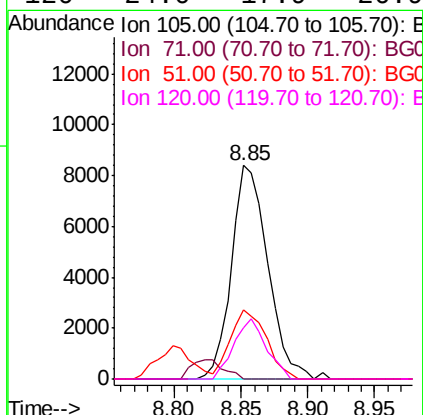
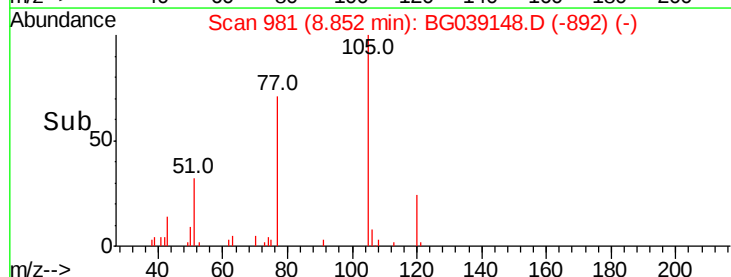
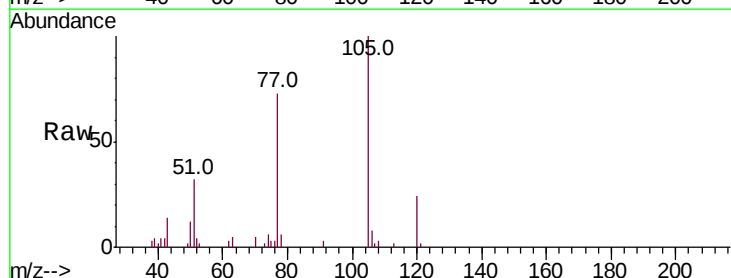
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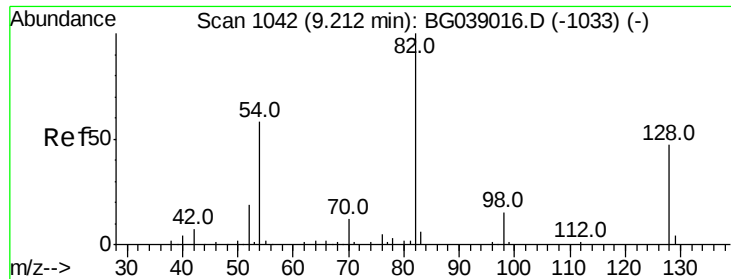
Sohil
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#22
Acetophenone
Concen: 36.423 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	0.6	1.0
51	32.3	26.6	39.8
120	24.0	17.9	26.9





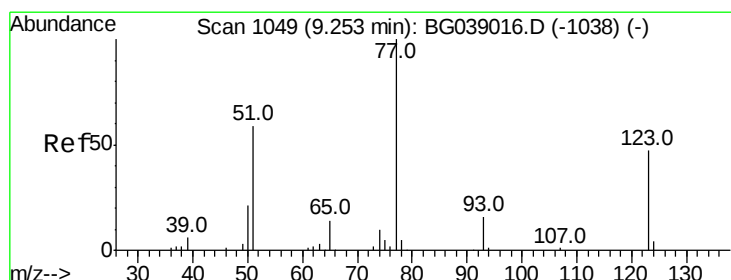
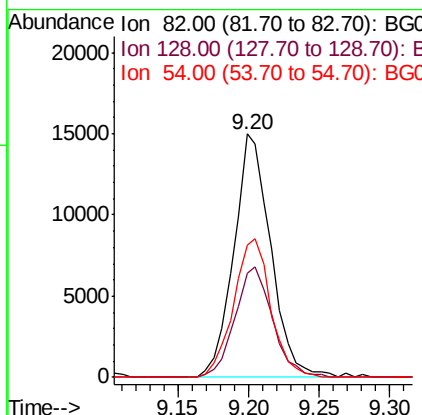
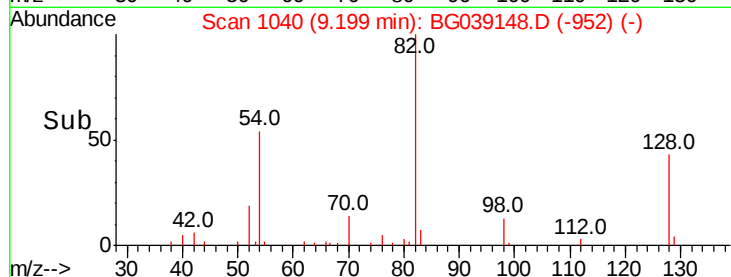
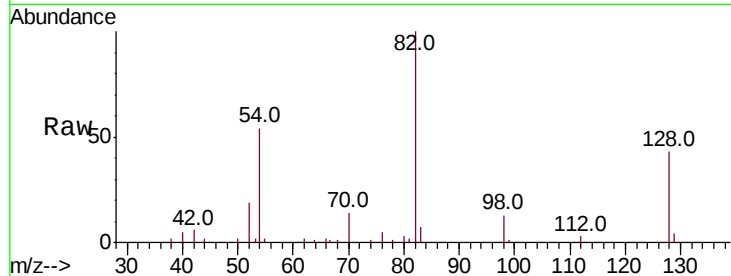
#23
Nitrobenzene-d5
Concen: 89.313 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.3	55.9
54	54.1	46.4	69.6

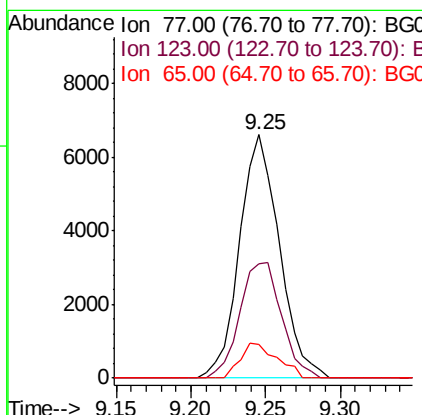
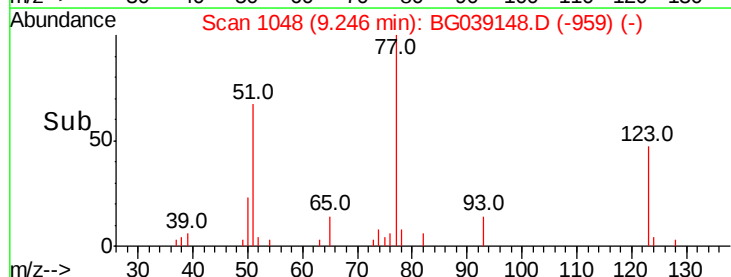
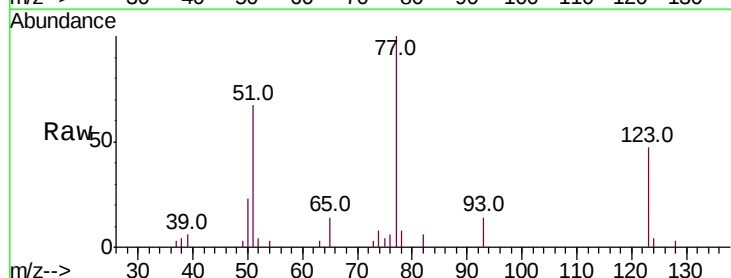
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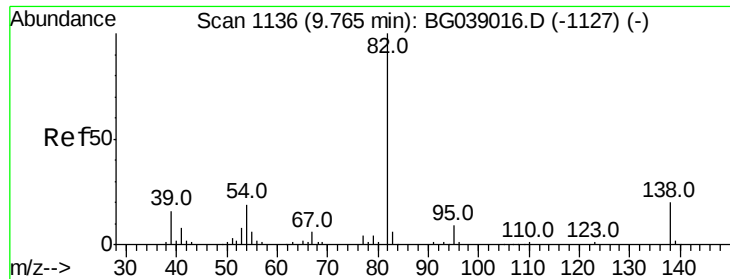
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#24
Nitrobenzene
Concen: 39.442 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.6	56.4
65	13.9	11.0	16.6





#25

Isophorone

Concen: 50.409 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

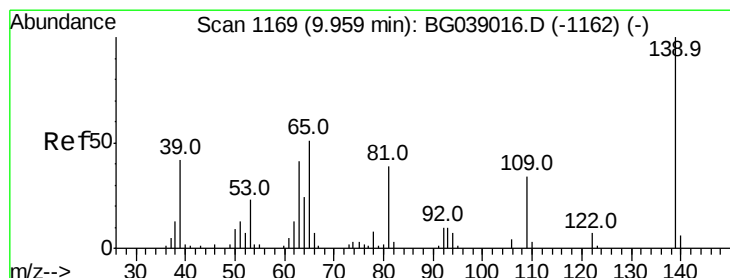
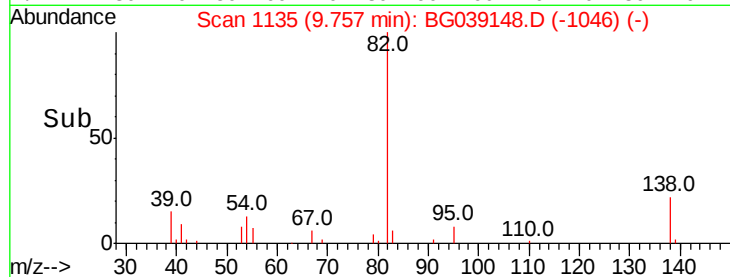
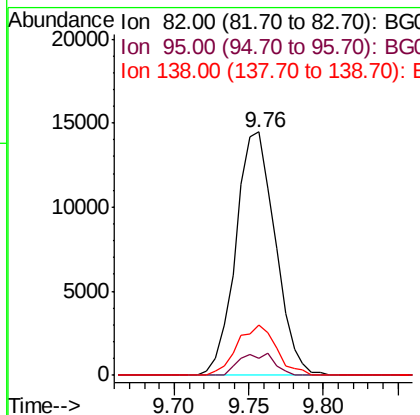
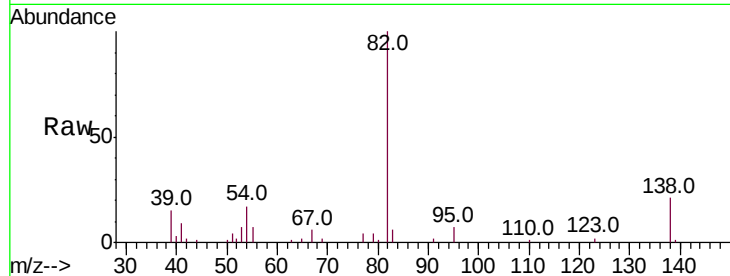
ClientSampleId :

PB116389BS

Tot Ion:	82	Resp:	26559
Ion Ratio	Lower	Upper	
82	100		
95	7.2	7.0	10.6
138	20.9	16.2	24.4

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#26

2-Nitrophenol

Concen: 42.392 ng

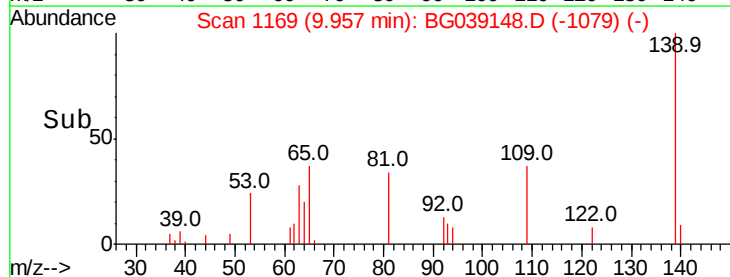
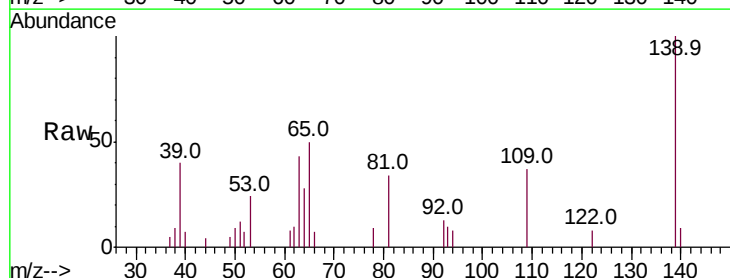
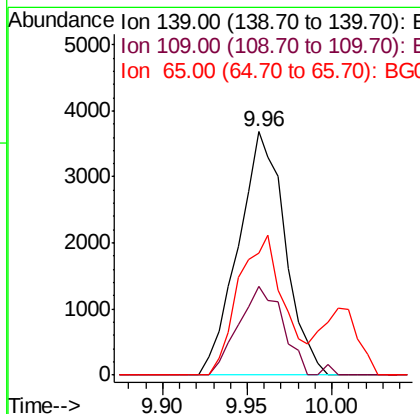
RT: 9.96 min Scan# 1169

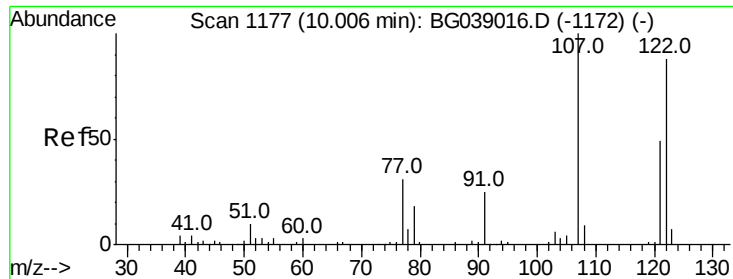
Delta R.T. -0.00 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	139	Resp:	7089
Ion Ratio	Lower	Upper	
139	100		
109	36.7	27.3	40.9
65	50.2	40.6	61.0





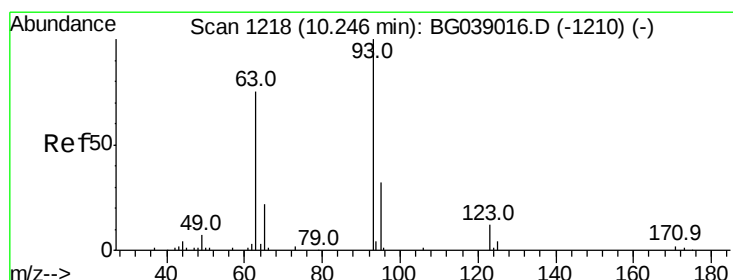
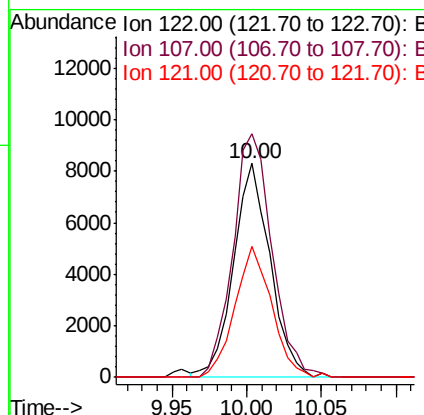
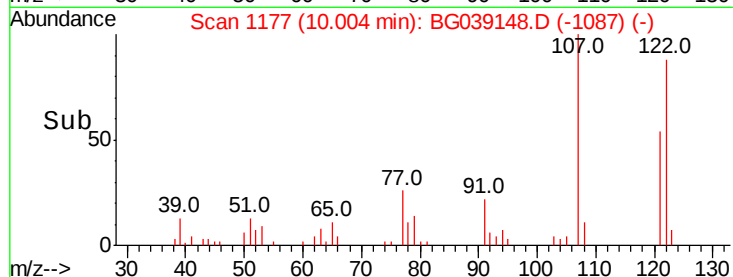
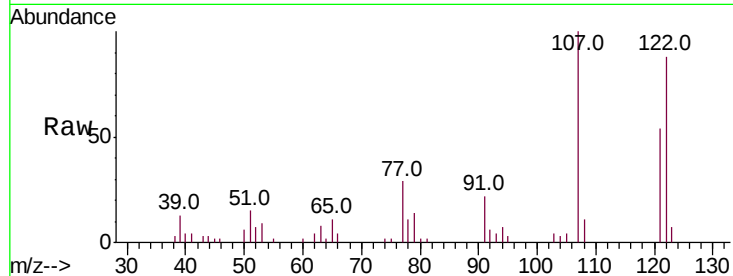
#27
 2,4-Dimethylphenol
 Concen: 60.417 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	88.8	133.2
121	61.6	43.1	64.7

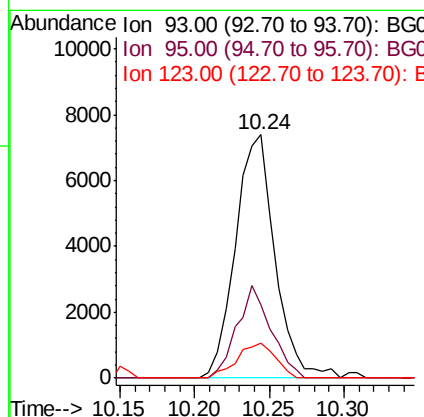
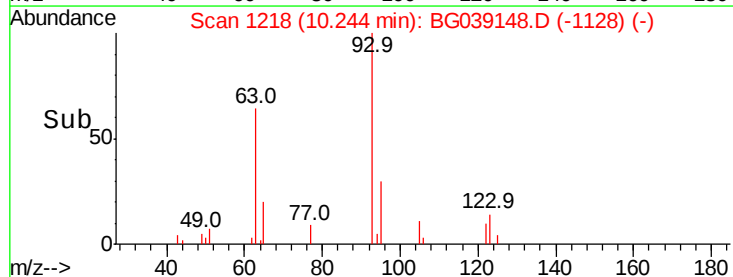
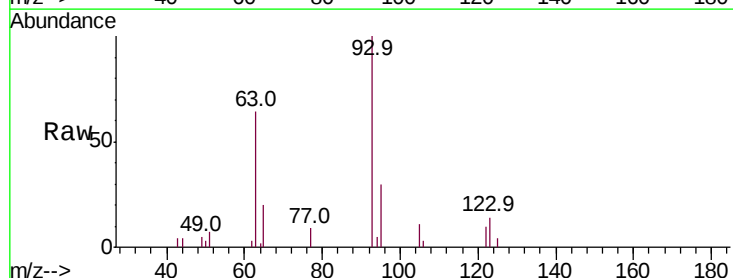
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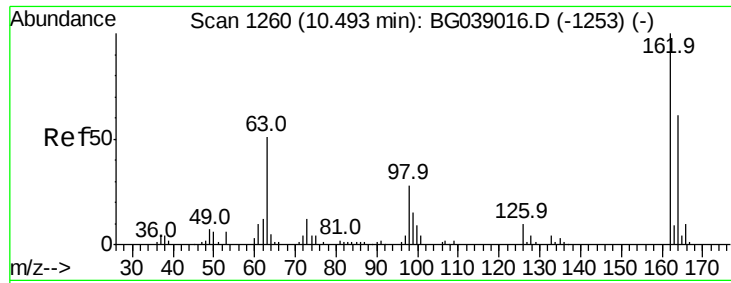
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.937 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.6	38.4
123	14.2	10.1	15.1





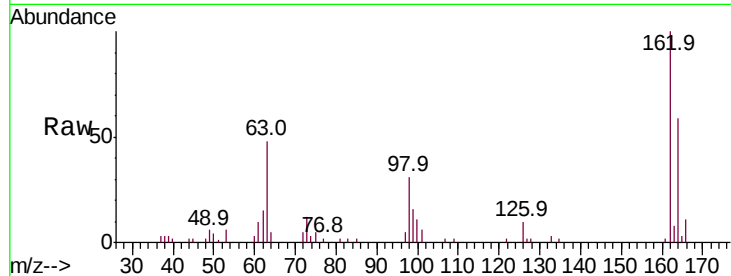
#29
 2,4-Dichlorophenol
 Concen: 68.032 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampled :
 PB116389BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	58.7	41.3	81.3
98	31.5	8.3	48.3

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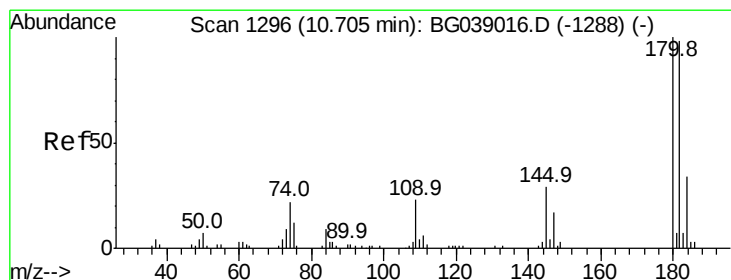
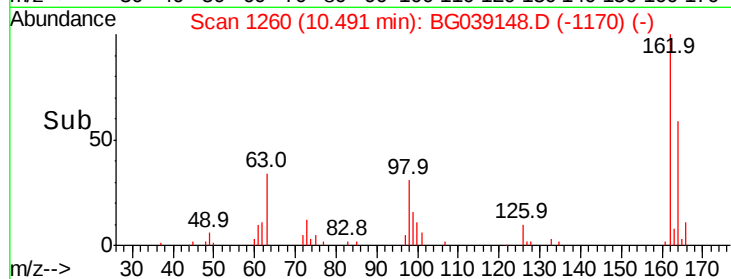
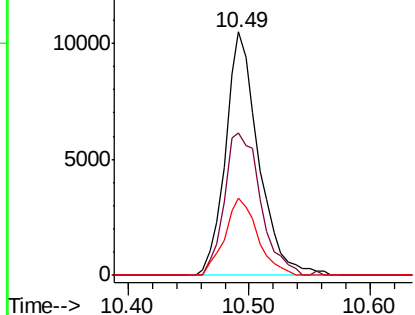


Abundance

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): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 36.517 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

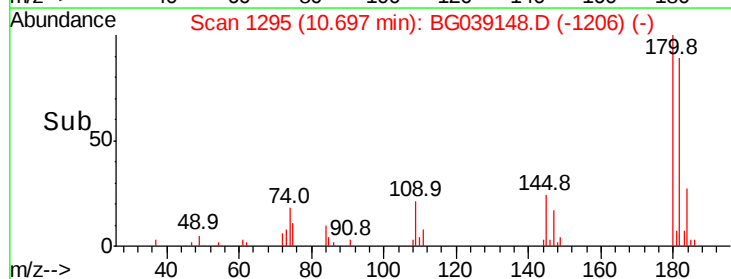
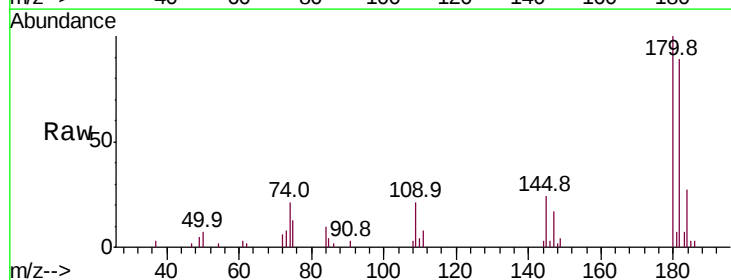
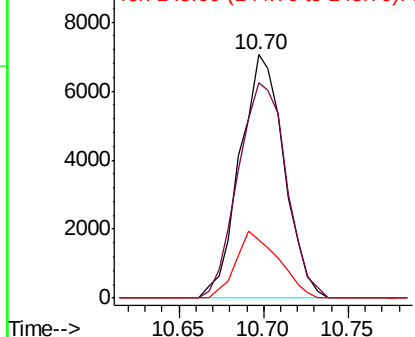
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	88.6	78.1	117.1
145	23.7	23.1	34.7

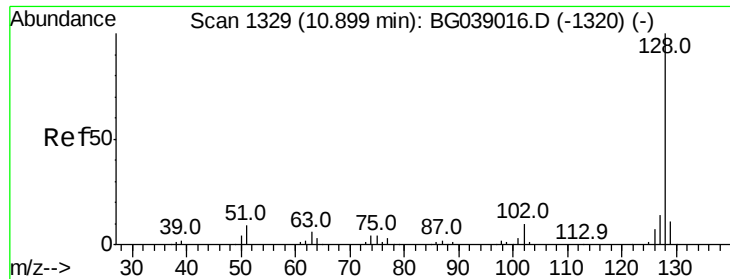
Abundance

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





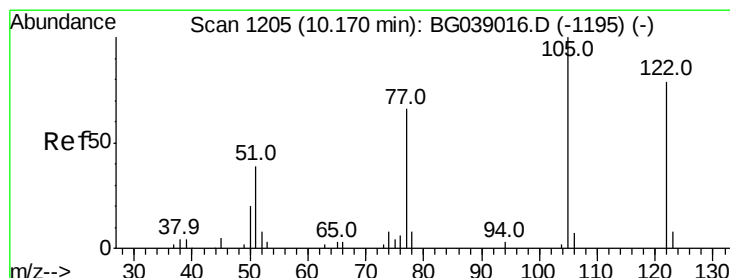
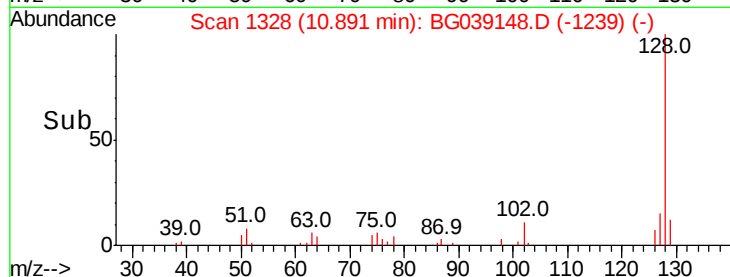
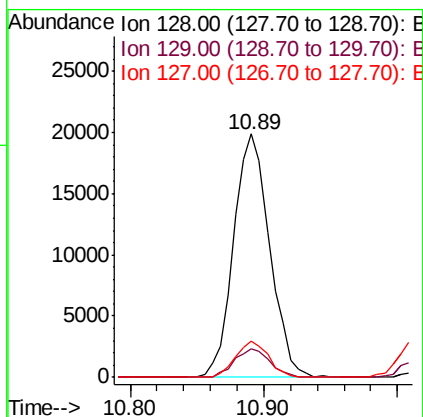
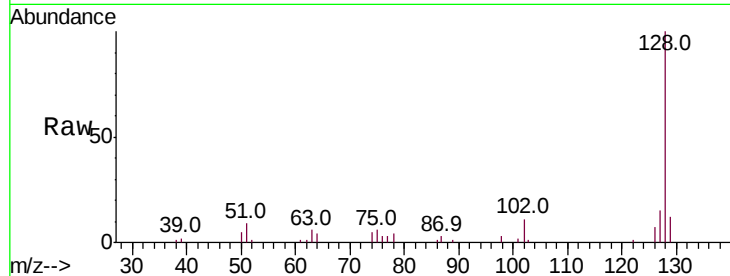
#31
Naphthalene
Concen: 44.183 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampled :
PB116389BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	15.0	11.2	16.8

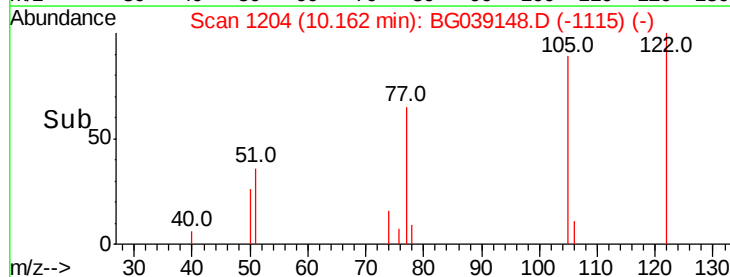
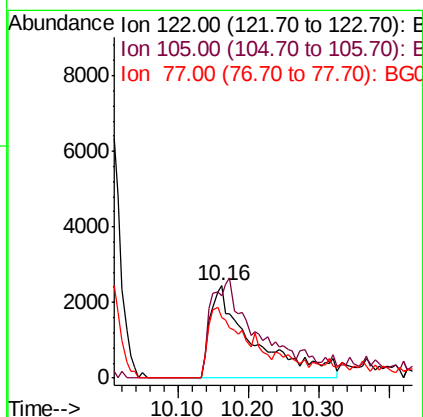
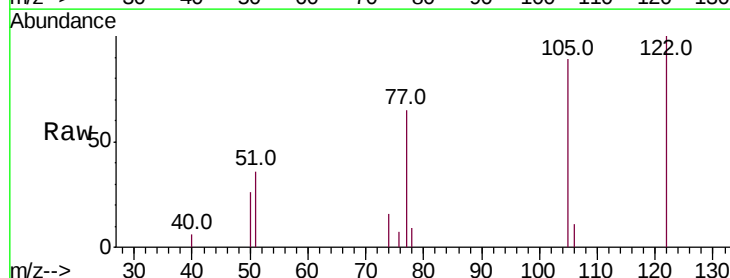
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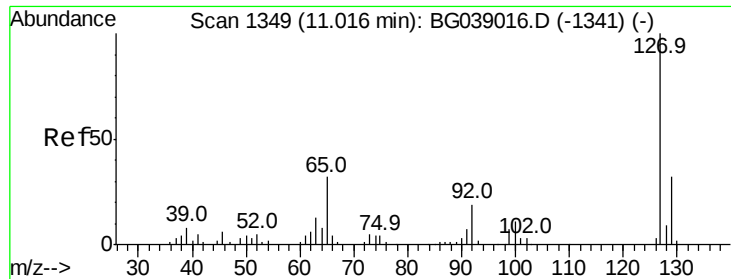
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#32
Benzoic acid
Concen: 67.742 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	89.2	106.4	146.4#
77	65.3	63.6	103.6





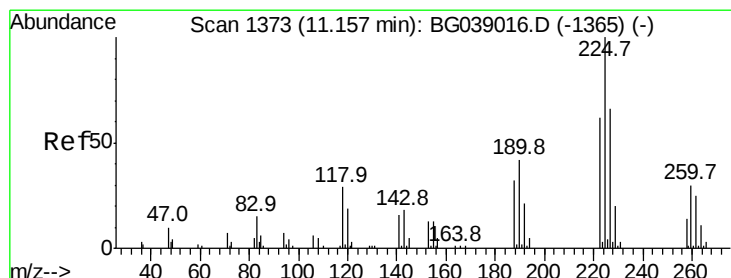
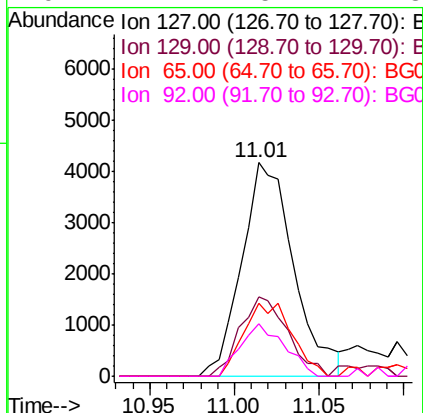
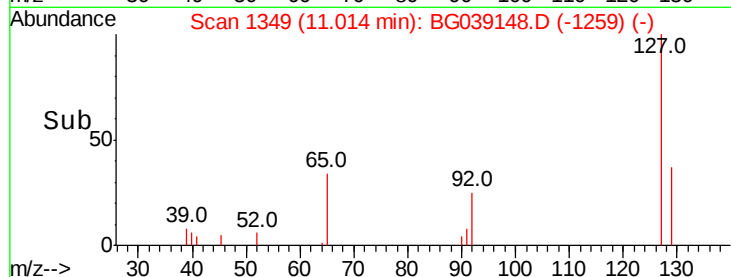
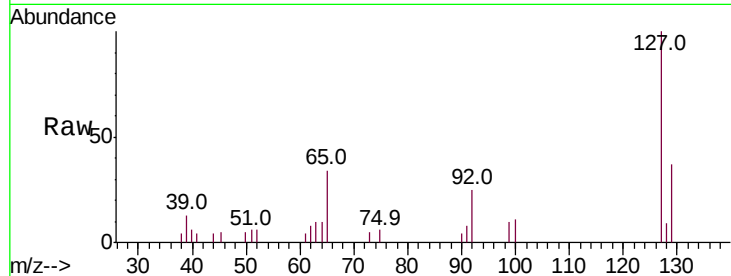
#33
4-Chloroaniline
Concen: 23.729 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	37.0	25.4	38.0
65	34.2	25.4	38.0
92	24.7	15.2	22.8

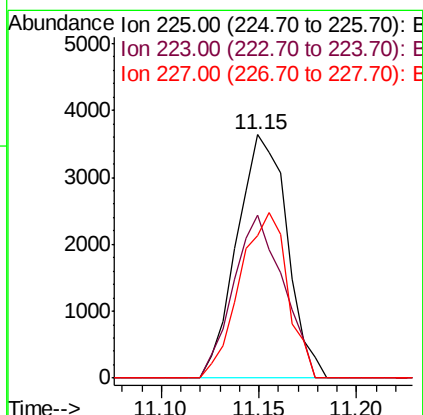
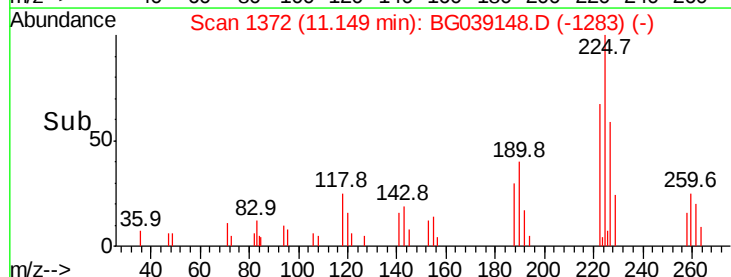
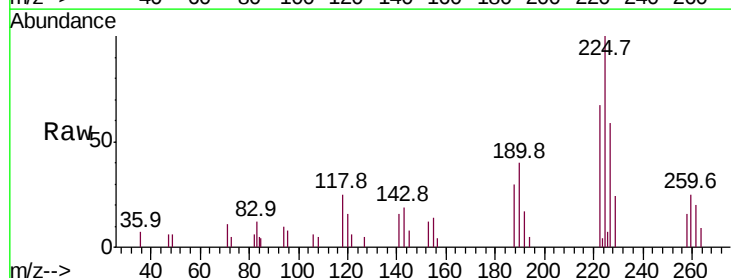
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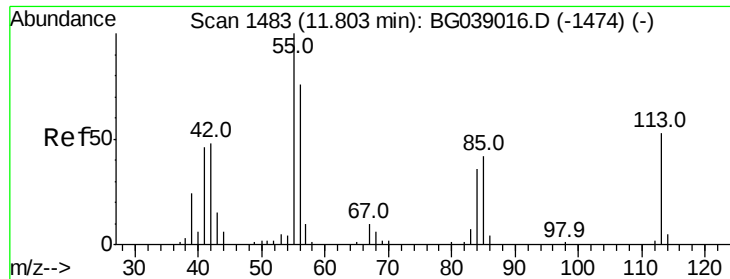
Sohil
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#34
Hexachlorobutadiene
Concen: 26.775 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	54.6	53.2	79.8





#35

Caprolactam

Concen: 122.729 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

ClientSampled :

PB116389BS

Tot Ion:113 Resp: 14384

Ion Ratio Lower Upper

113 100

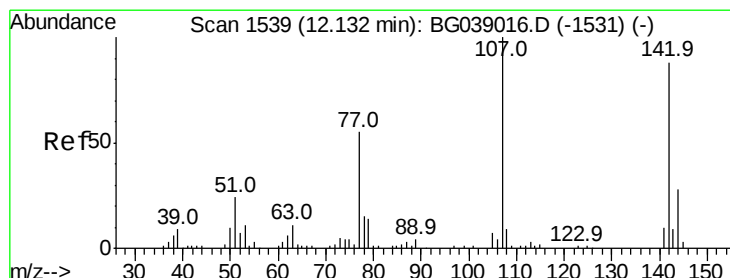
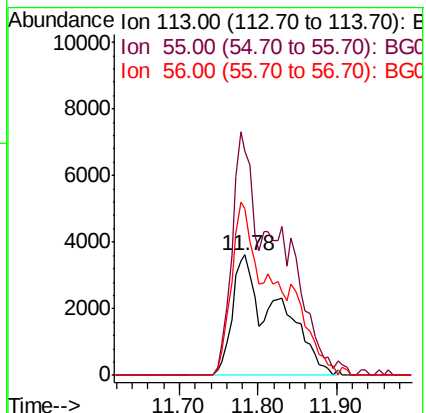
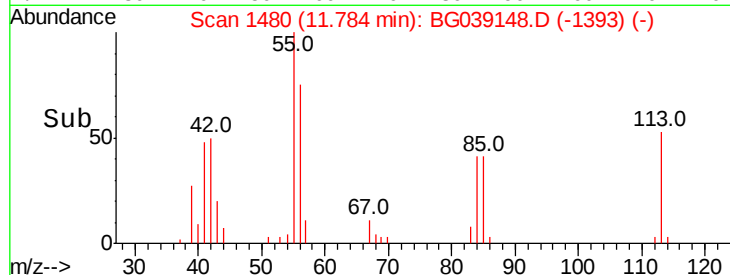
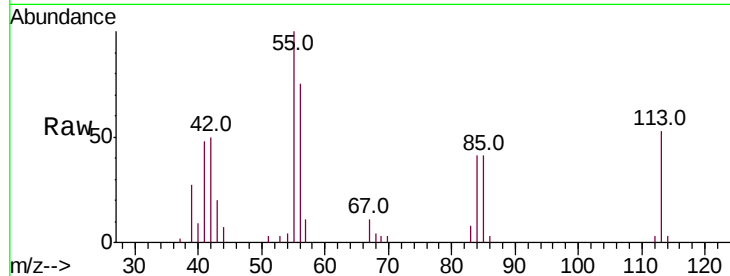
55 186.9 168.6 208.6

56 139.3 123.2 163.2

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#36

4-Chloro-3-methylphenol

Concen: 94.138 ng/mL

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

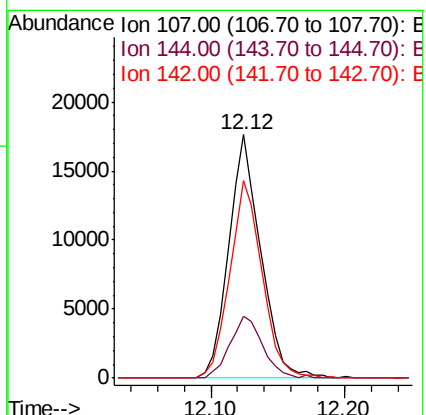
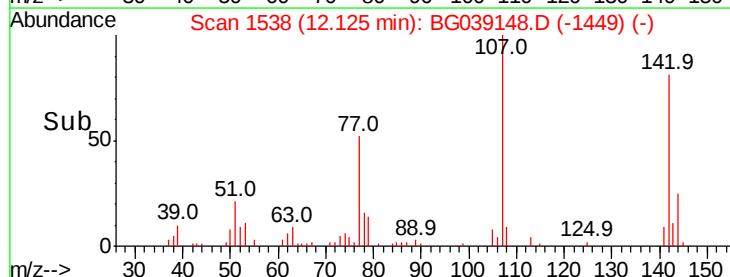
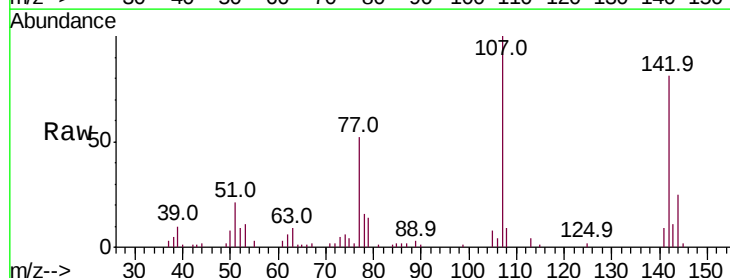
Tgt Ion:107 Resp: 29428

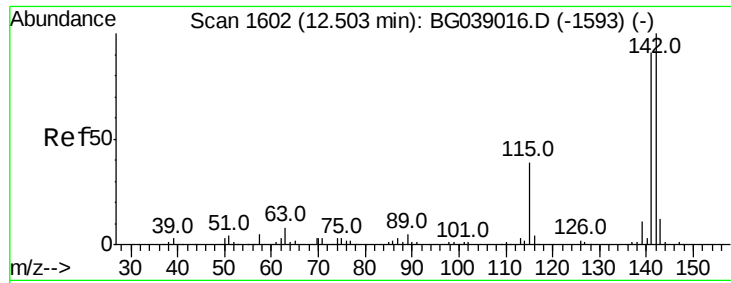
Ion Ratio Lower Upper

107 100

144 25.4 22.6 34.0

142 81.2 70.2 105.4





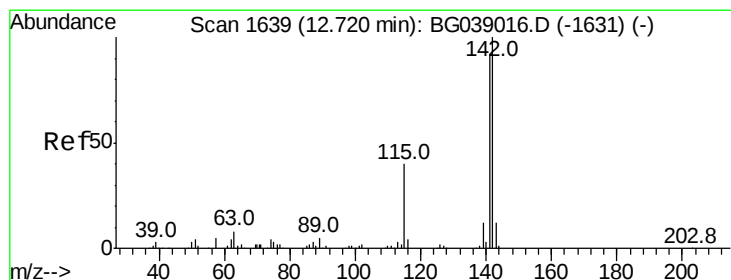
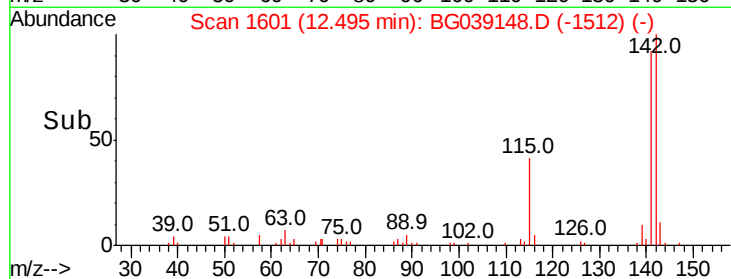
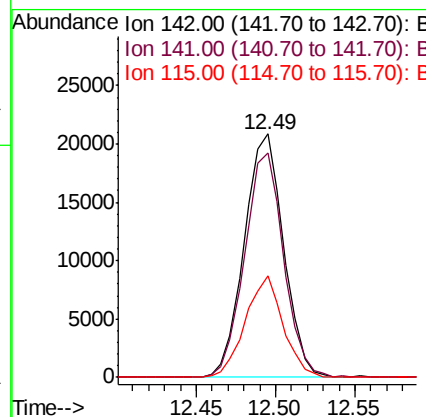
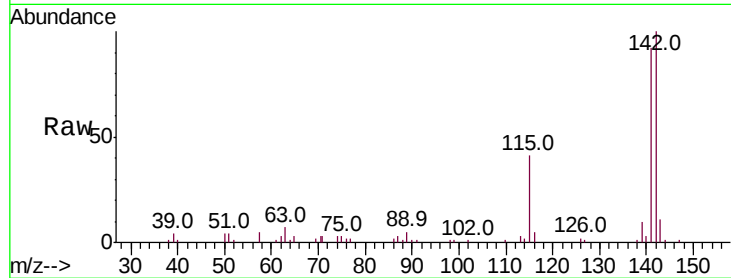
#37
 2-Methylnaphthalene
 Concen: 57.050 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleID :
 PB116389BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	109.0
115	41.5	31.1	46.7

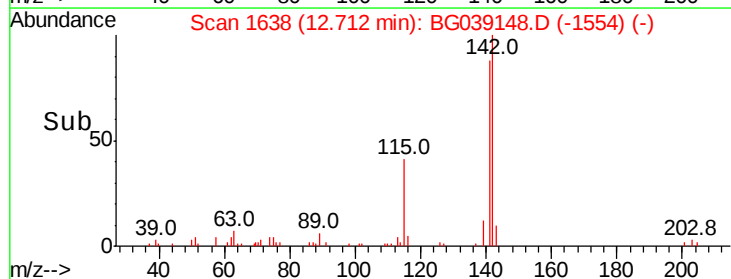
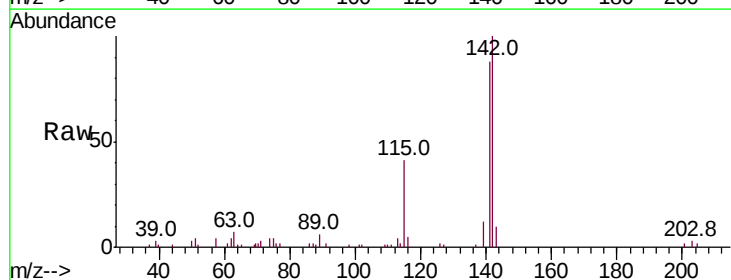
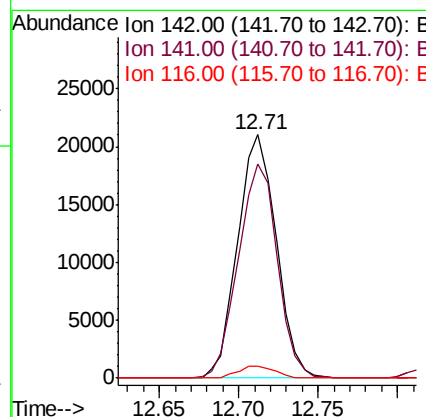
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#38
 1-Methylnaphthalene
 Concen: 58.858 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.3	109.9
116	4.7	3.1	4.7#





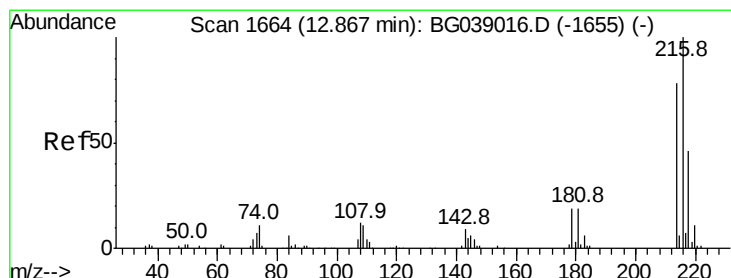
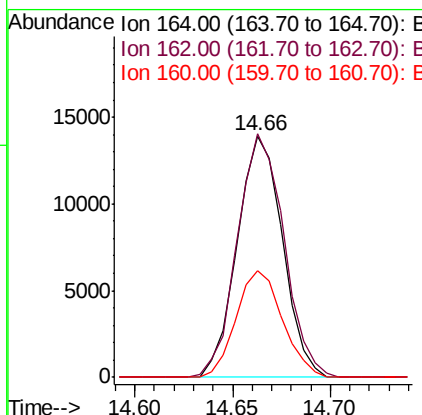
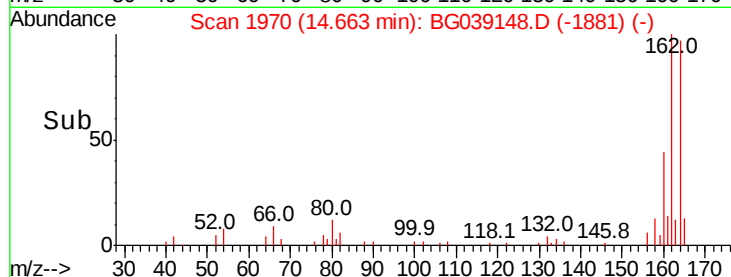
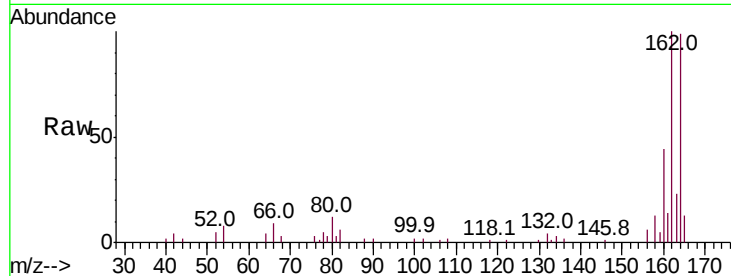
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.2	130.8
160	44.0	33.3	49.9

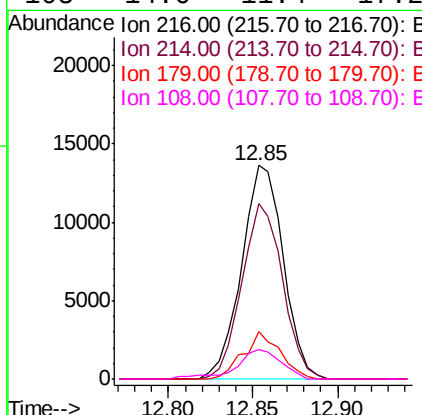
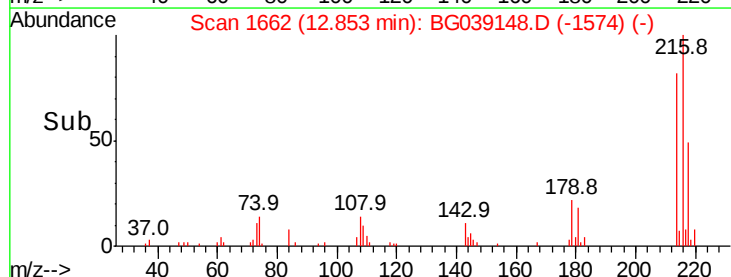
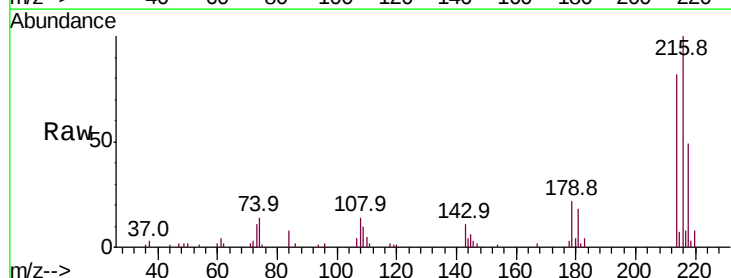
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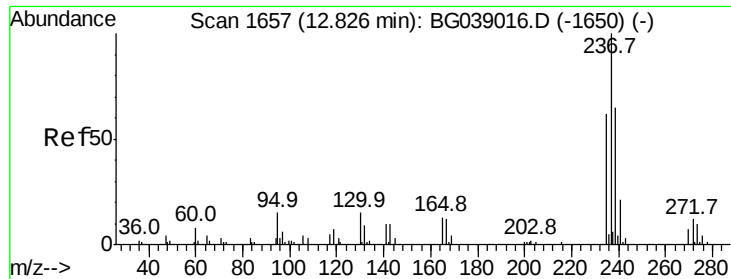
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.869 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	19.6	15.5	23.3
108	14.6	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 29.796 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

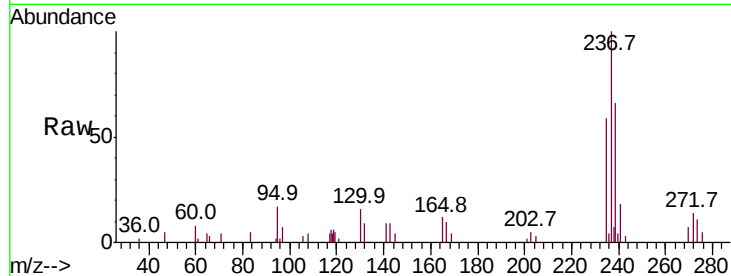
ClientSampled :

PB116389BS

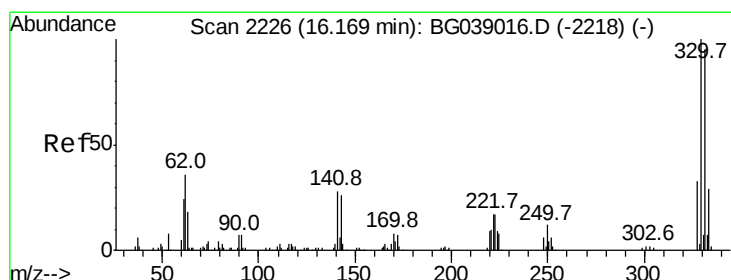
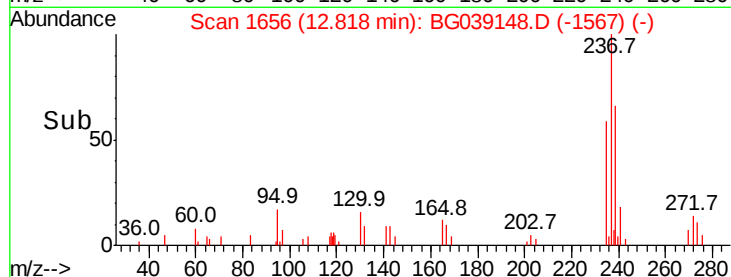
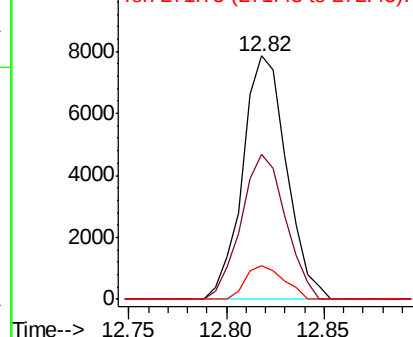
Tot Ion:	237	Resp:	12244
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.7	81.7
272	13.6	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 257.154 ng

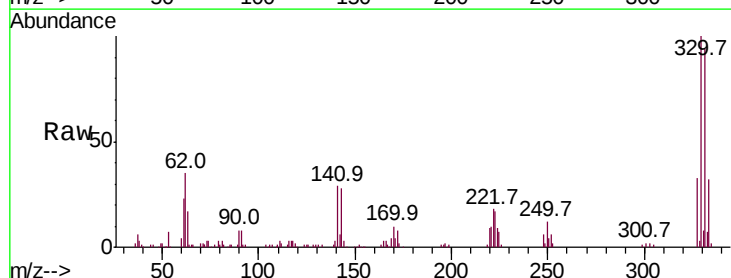
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

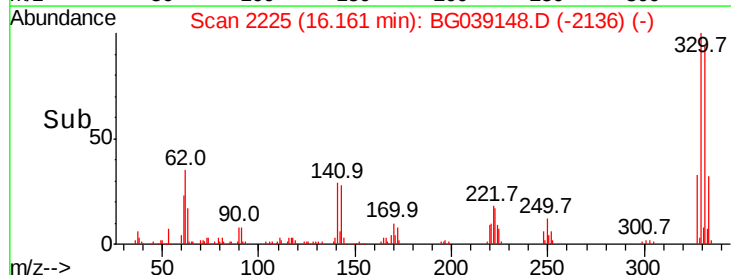
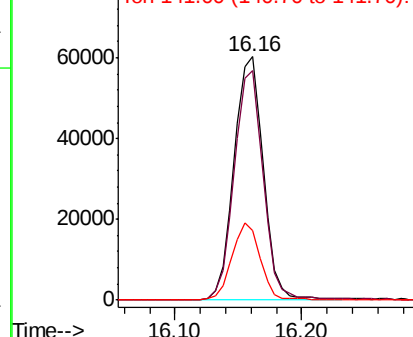
Lab File: BG039148.D

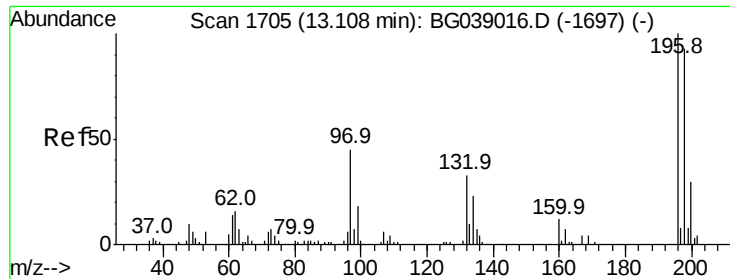
Acq: 16 Jan 2019 5:40

Tgt Ion:	330	Resp:	96269
Ion Ratio	Lower	Upper	
330	100		
332	94.1	75.7	113.5
141	30.5	24.9	37.3



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





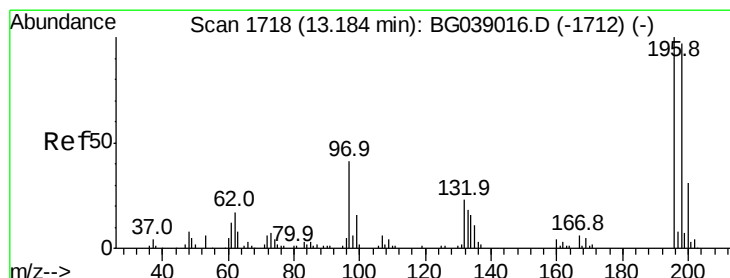
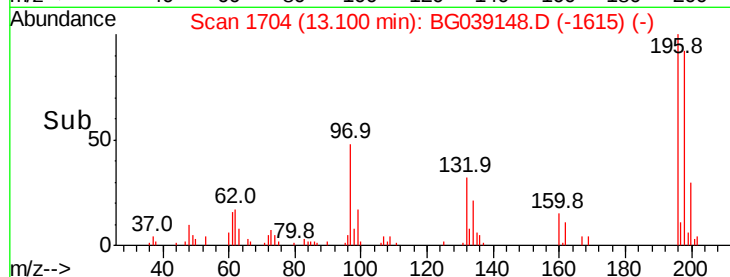
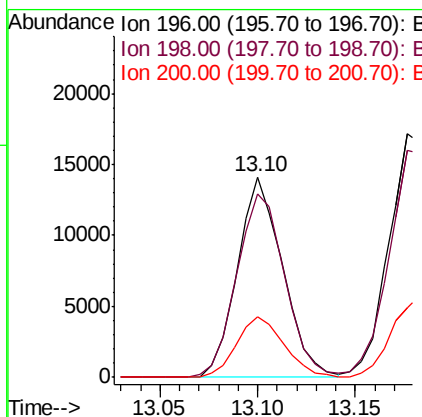
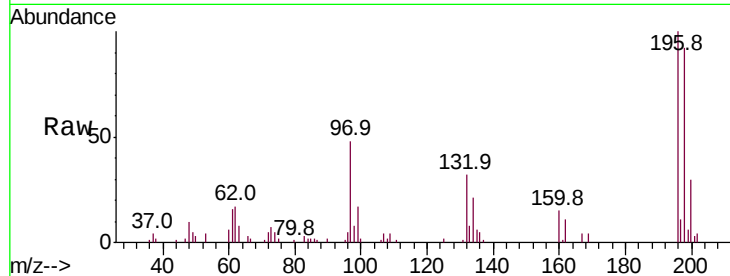
#43
 2,4,6-Trichlorophenol
 Concen: 42.845 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampled :
 PB116389BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	22617		
198	91.9	74.5	111.7	
200	30.1	23.8	35.6	

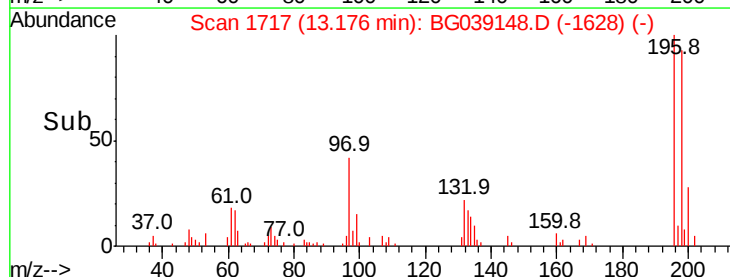
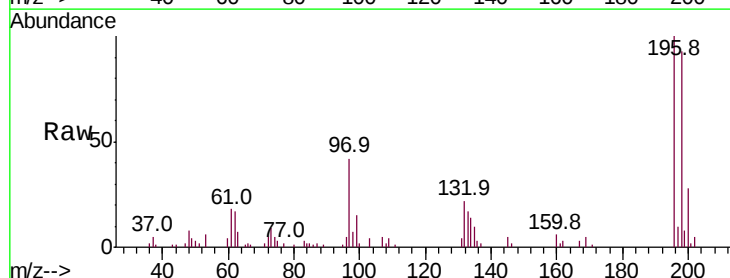
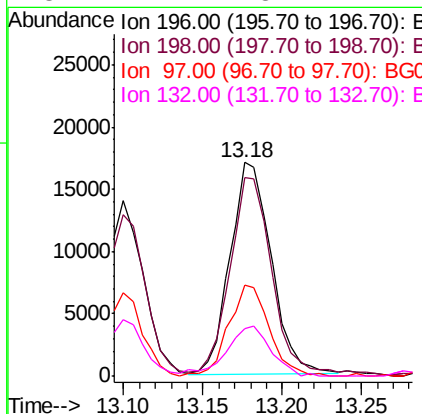
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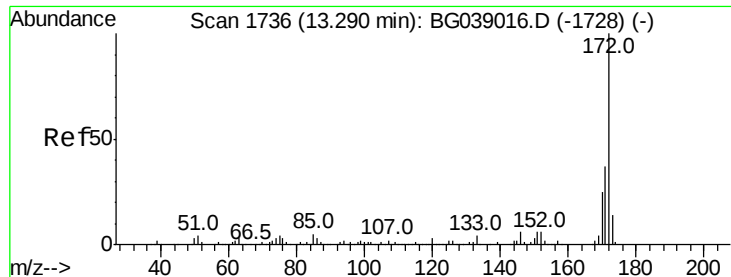
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#44
 2,4,5-Trichlorophenol
 Concen: 54.638 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	30484		
198	93.1	78.1	117.1	
97	42.3	33.2	49.8	
132	22.2	18.2	27.4	





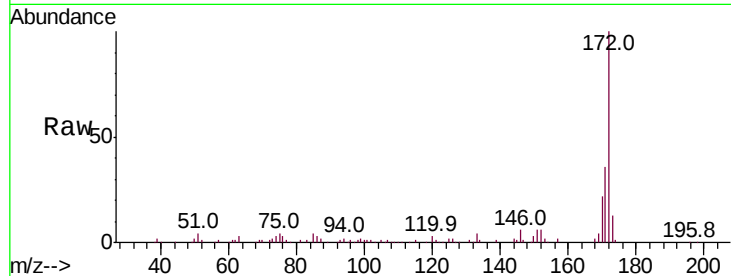
#45
2-Fluorobiphenyl
Concen: 64.563 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	29.4	44.0
170	22.4	20.1	30.1

Manual Integrations
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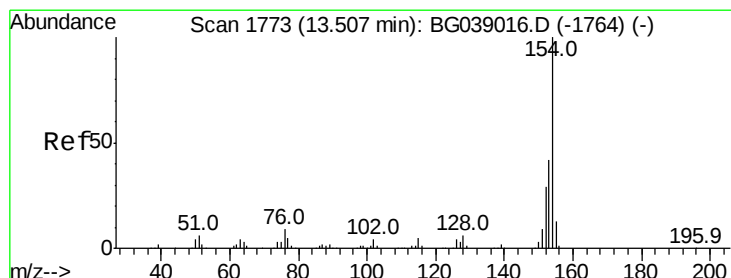
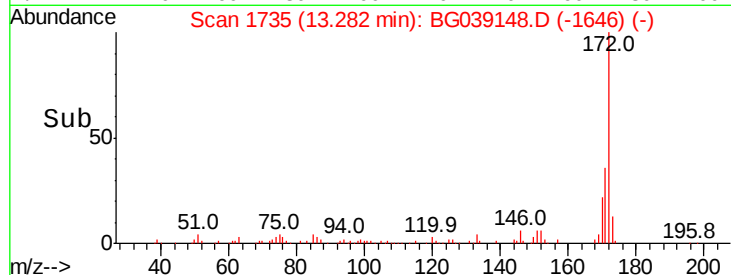
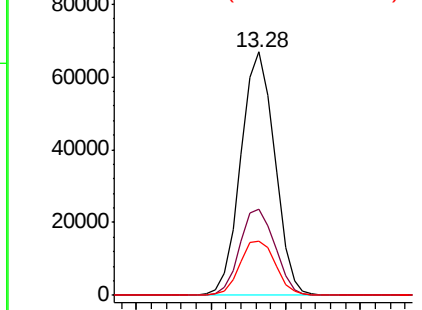


Abundance

Ion 172.00 (171.70 to 172.70): E

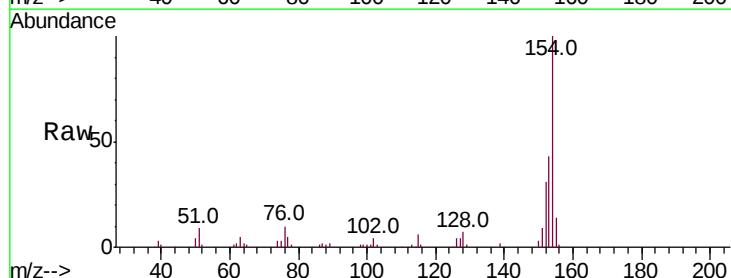
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 33.479 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	43.0	22.4	62.4
76	10.1	0.0	29.4

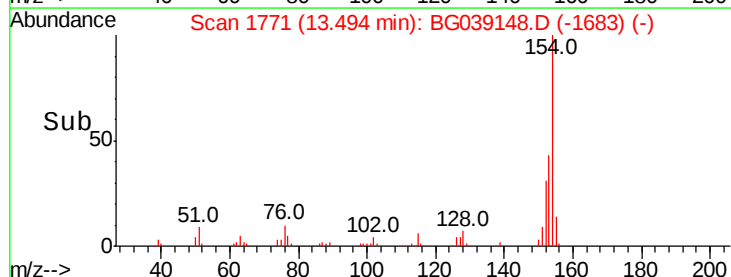
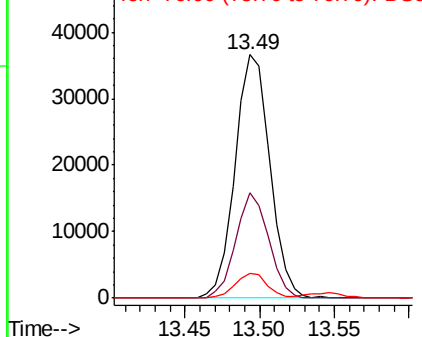


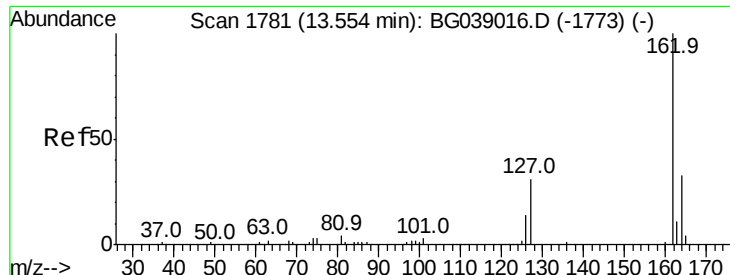
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





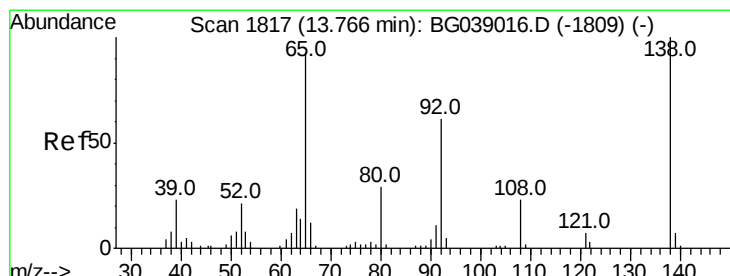
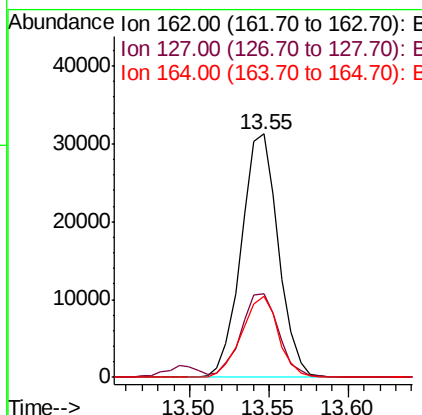
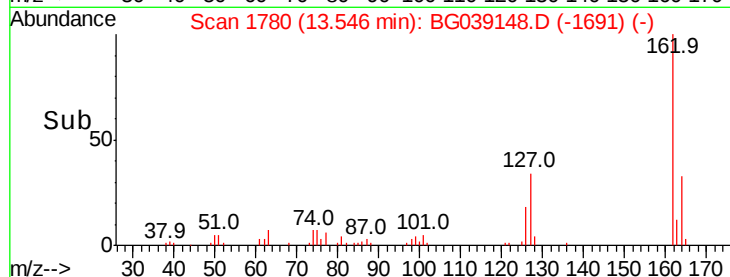
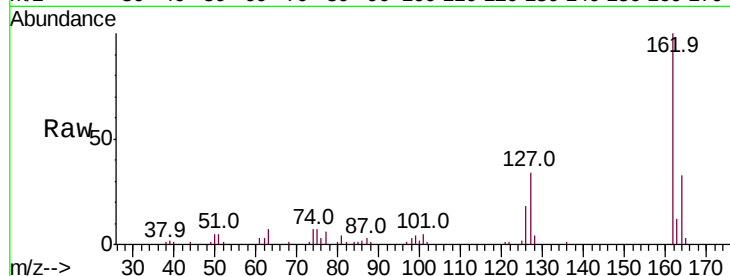
#47
 2-Chloronaphthalene
 Concen: 35.388 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Tot Ion:	162	Resp:	50677
Ion Ratio	Lower	Upper	
162	100		
127	34.4	28.4	42.6
164	33.1	26.3	39.5

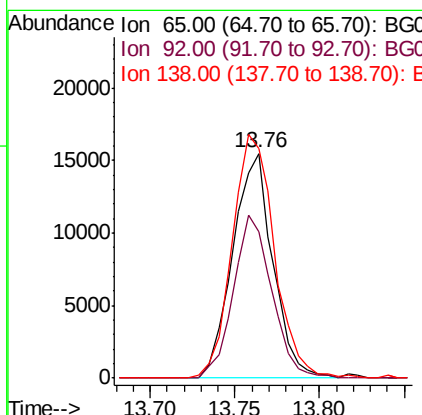
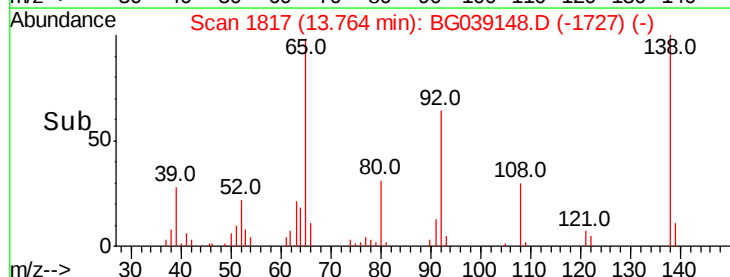
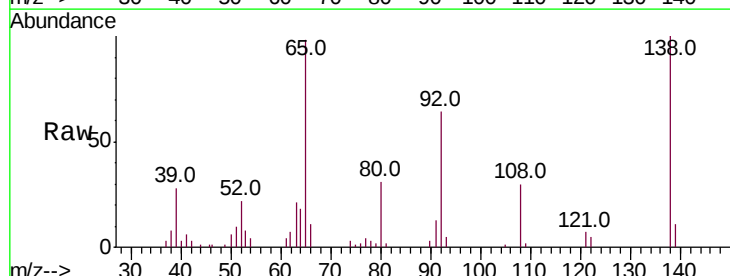
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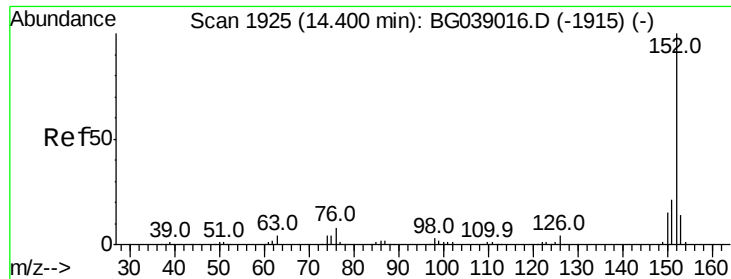
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#48
 2-Nitroaniline
 Concen: 63.437 ng
 RT: 13.76 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion:	65	Resp:	25450
Ion Ratio	Lower	Upper	
65	100		
92	65.4	52.2	78.4
138	102.5	86.0	129.0





#49

Acenaphthylene

Concen: 46.865 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

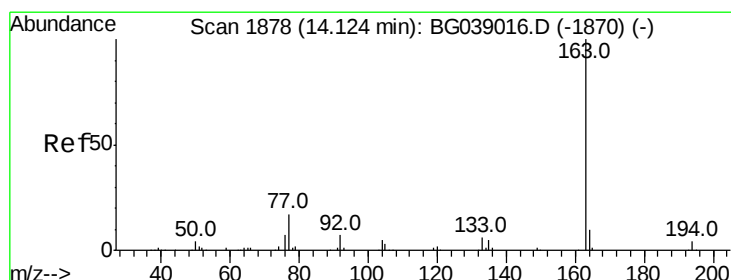
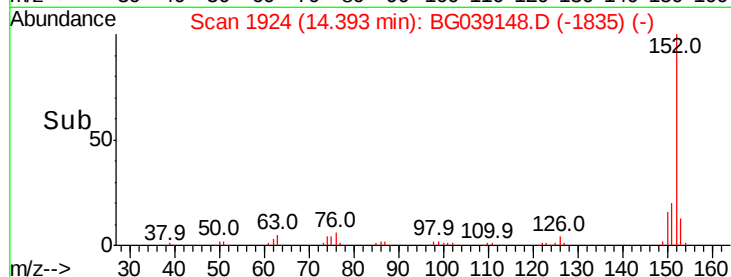
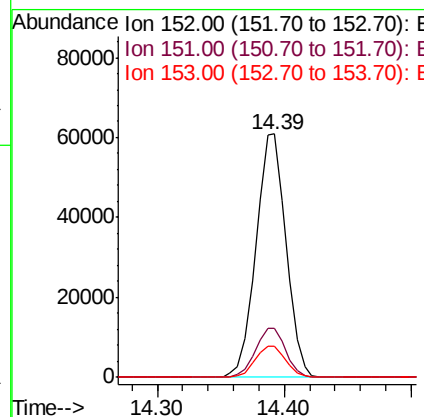
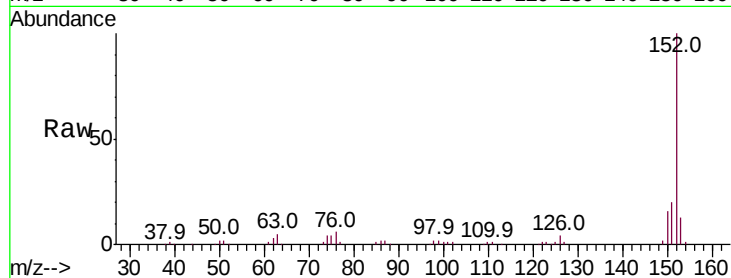
ClientSampleId :

PB116389BS

Tot Ion:	152	Resp:	100873
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.0	25.4
153	12.5	11.2	16.8

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#50

Dimethylphthalate

Concen: 50.971 ng

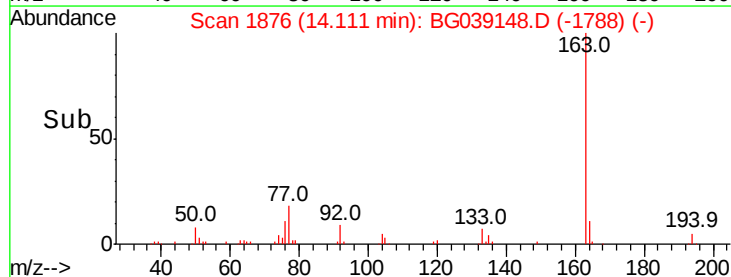
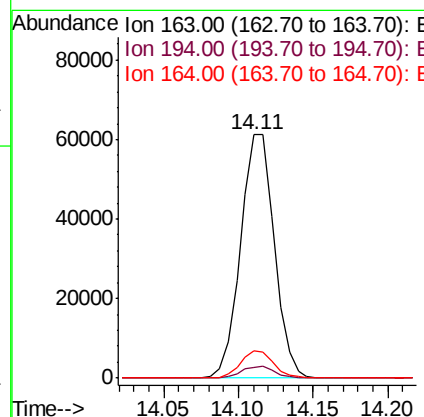
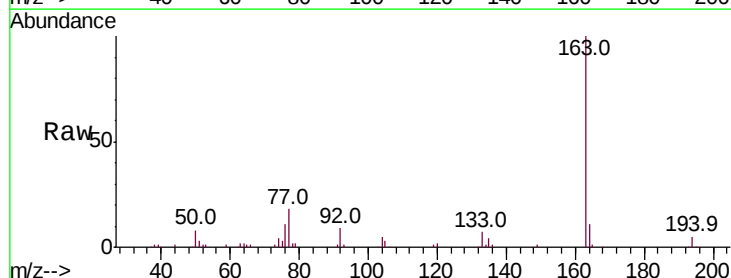
RT: 14.11 min Scan# 1876

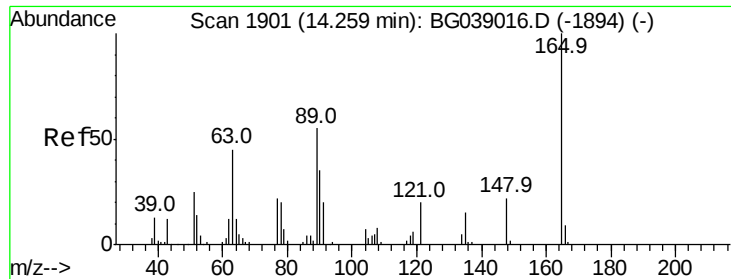
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	163	Resp:	96194
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	11.0	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 57.613 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

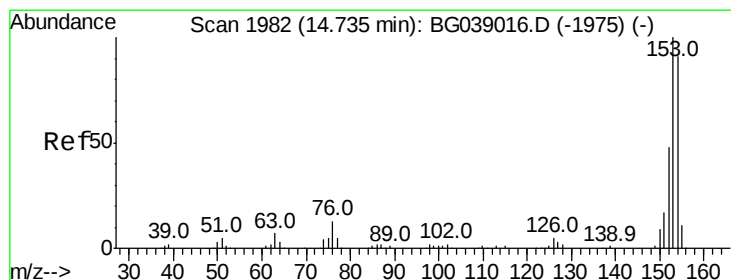
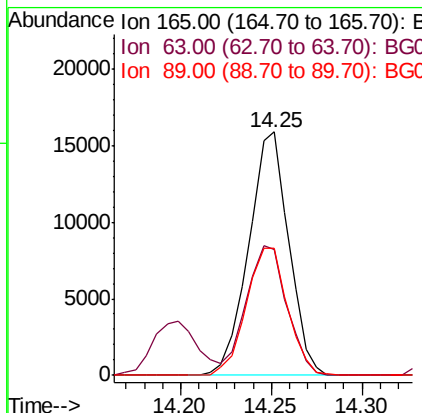
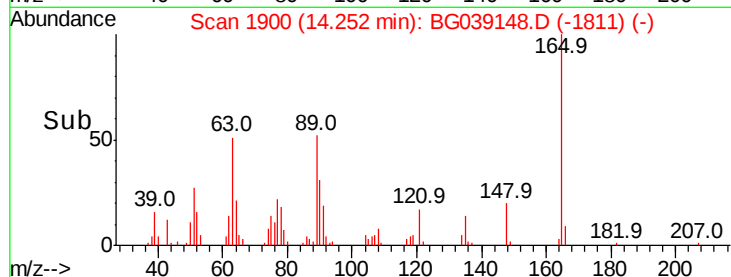
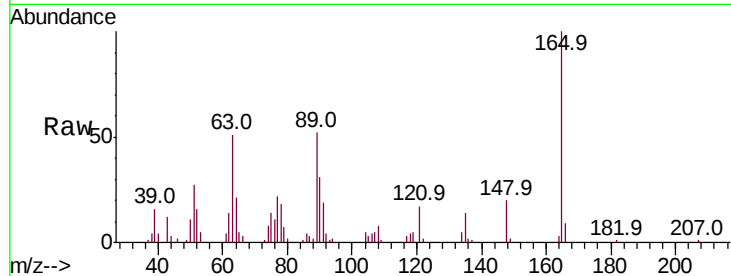
ClientSampleId :

PB116389BS

Tot Ion:	165	Resp:	24309
Ion Ratio	Lower	Upper	
165	100		
63	51.5	43.6	65.4
89	52.1	43.7	65.5

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#52

Acenaphthene

Concen: 44.221 ng

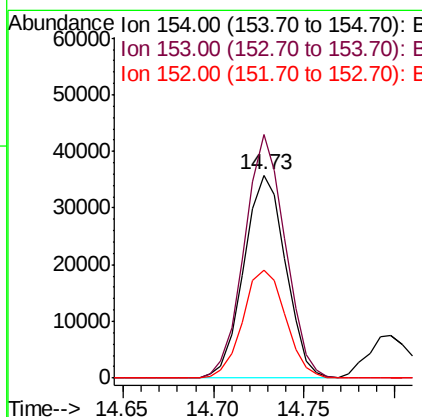
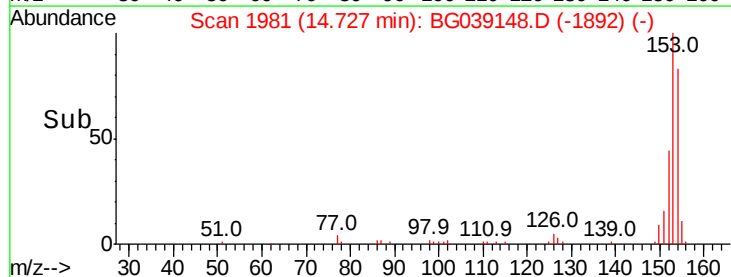
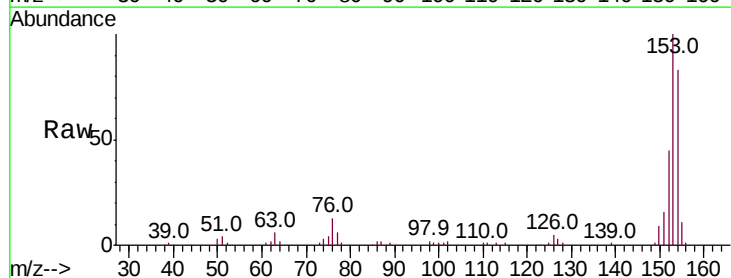
RT: 14.73 min Scan# 1981

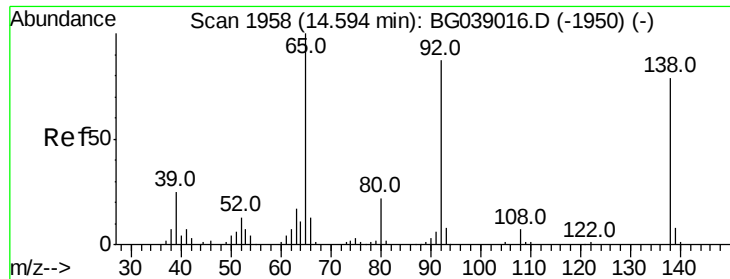
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	154	Resp:	57187
Ion Ratio	Lower	Upper	
154	100		
153	120.0	87.9	131.9
152	53.4	42.2	63.2





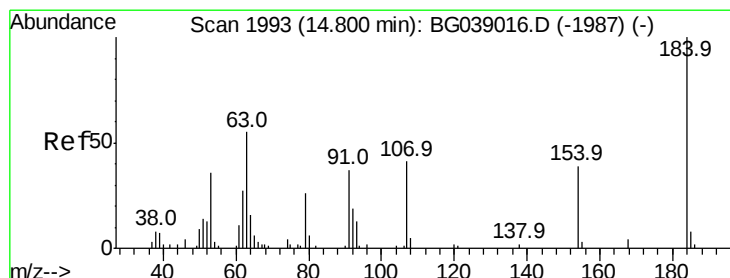
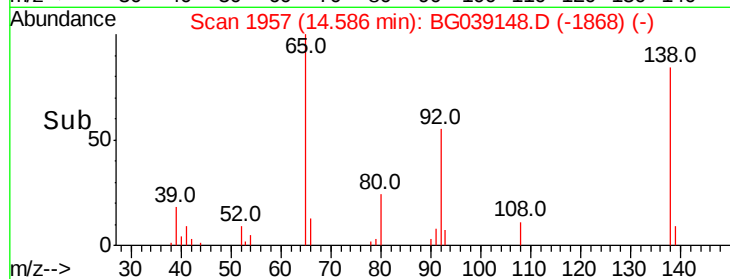
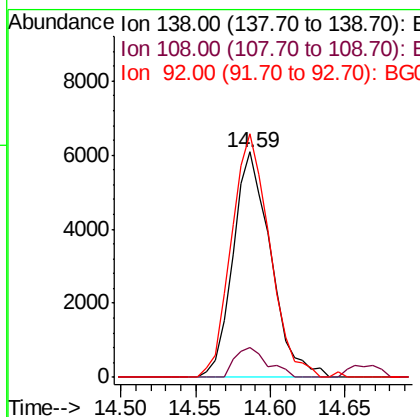
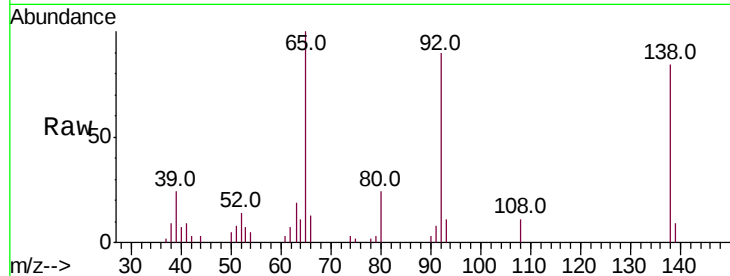
#53
3-Nitroaniline
Concen: 25.033 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	7.4	11.0#
92	108.0	88.2	132.4

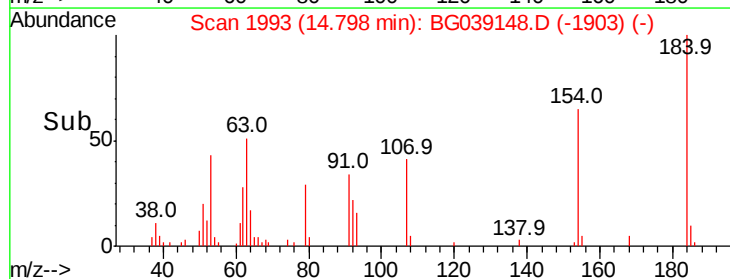
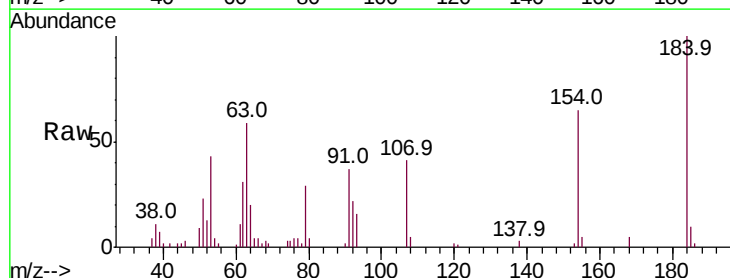
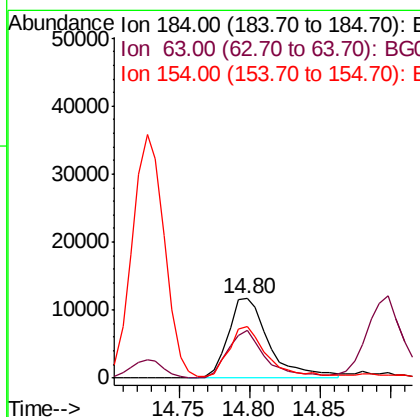
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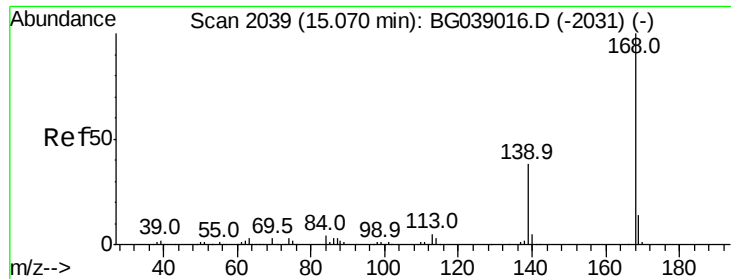
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#54
2,4-Dinitrophenol
Concen: 92.610 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	44.0	66.0
154	65.3	46.1	69.1





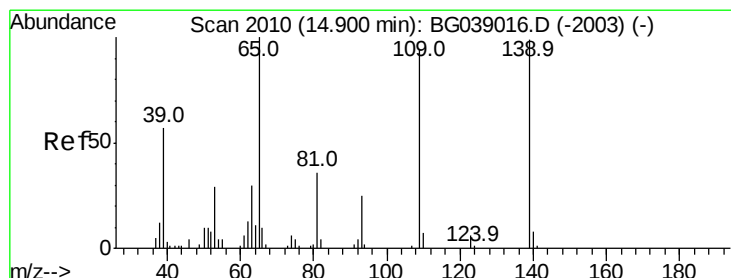
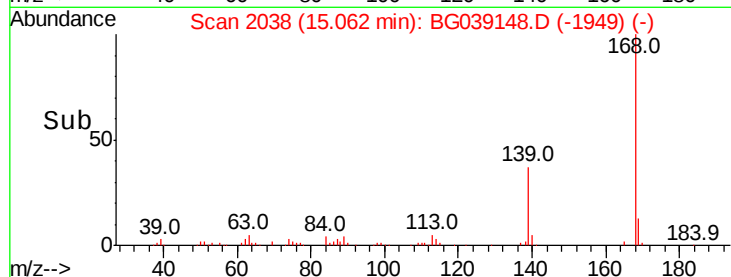
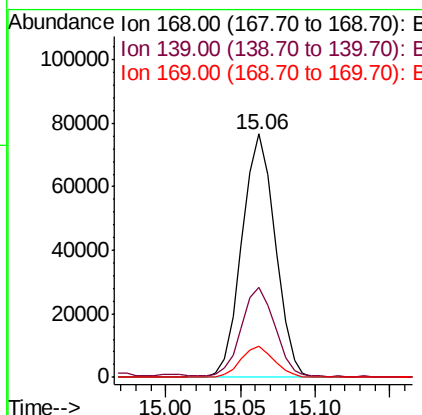
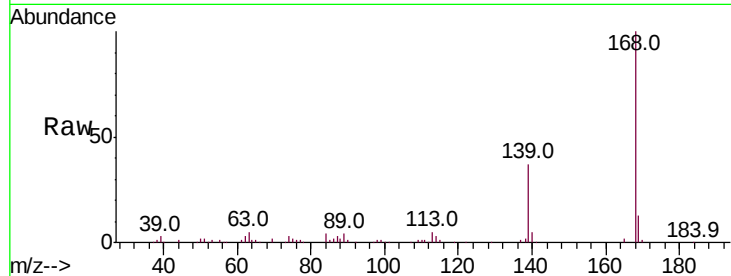
#55
Dibenzenofuran
Concen: 51.891 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampled :
PB116389BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	12.9	10.9	16.3

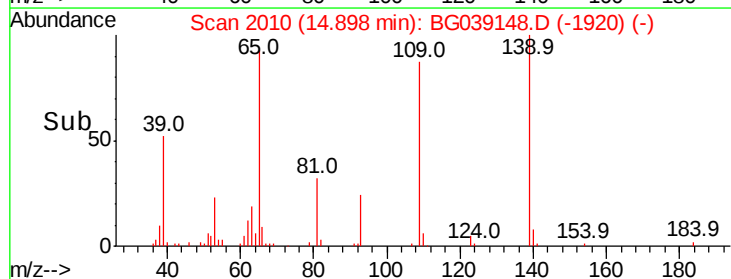
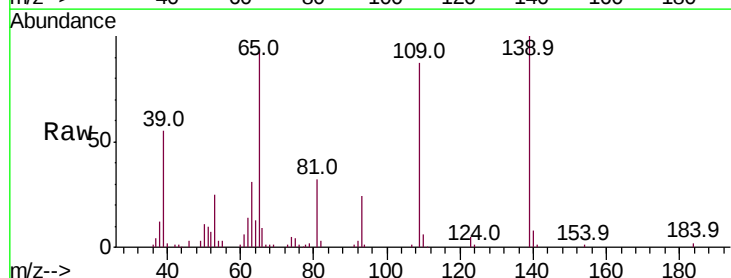
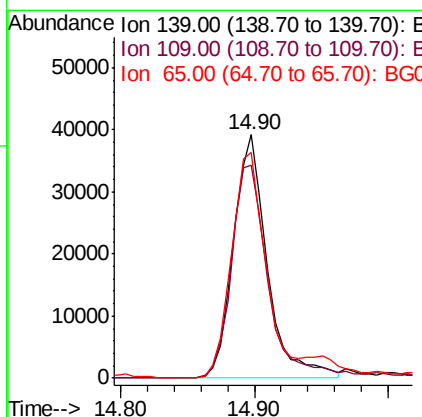
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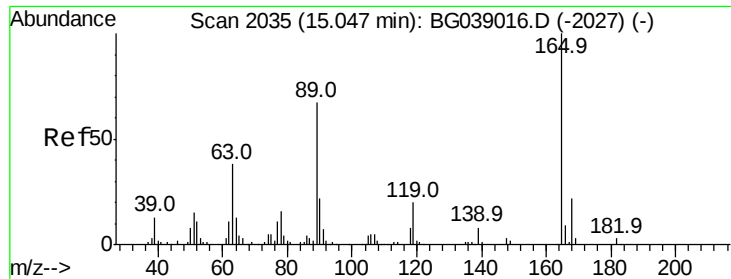
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#56
4-Nitrophenol
Concen: 224.253 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.3	75.6	115.6
65	92.7	81.2	121.2





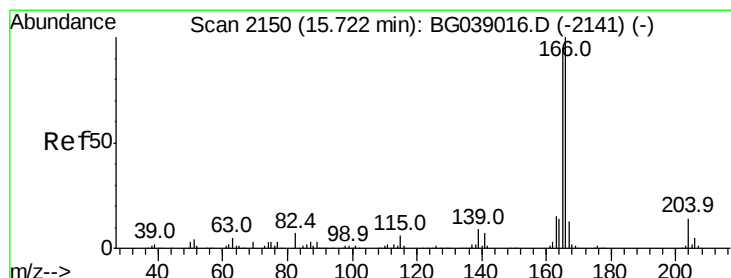
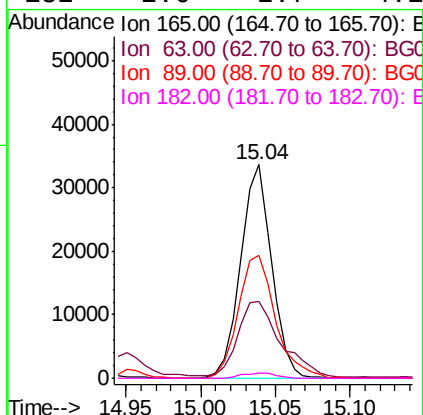
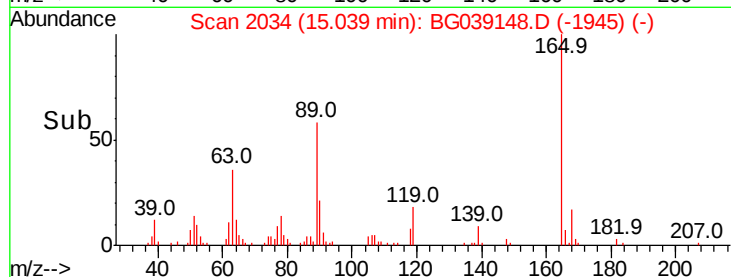
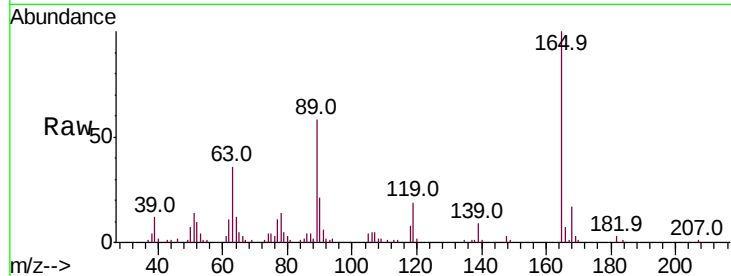
#57
 2,4-Dinitrotoluene
 Concen: 80.004 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleID :
 PB116389BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	36.3	30.2	45.4
89	57.8	53.2	79.8
182	2.6	2.7	4.1#

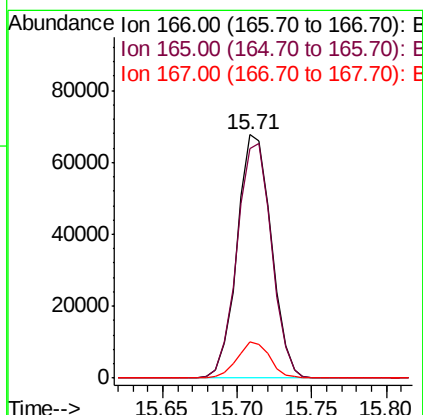
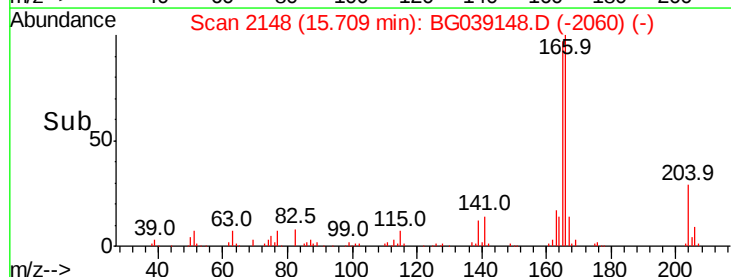
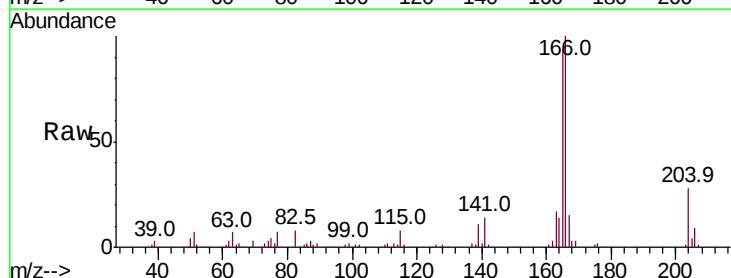
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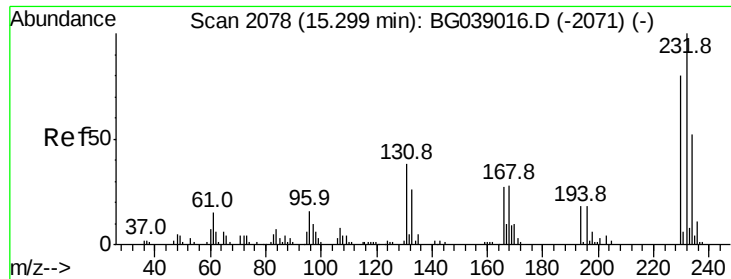
Sohil
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#58
 Fluorene
 Concen: 62.543 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	94.2	76.2	114.2
167	15.1	10.6	16.0





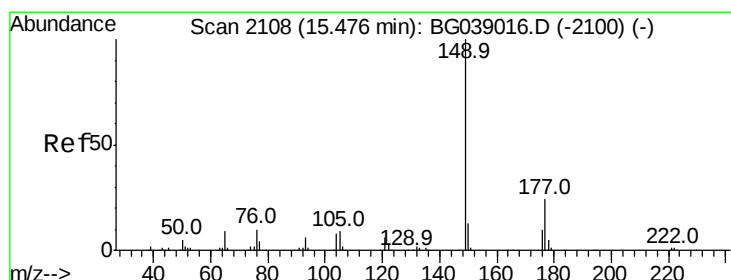
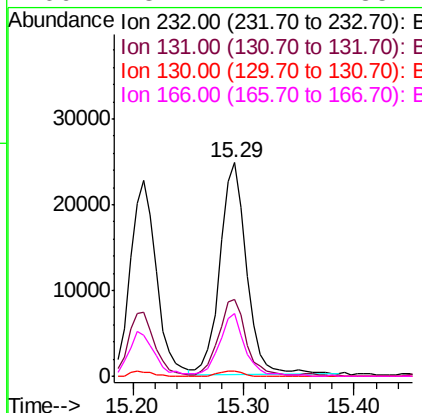
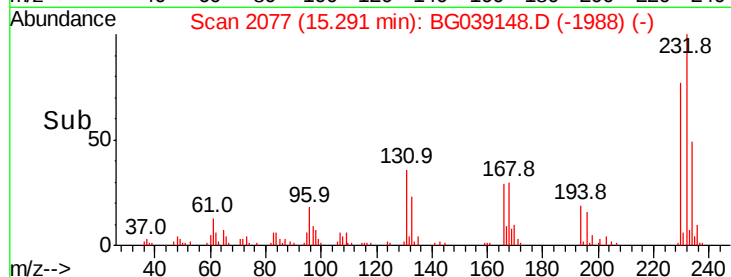
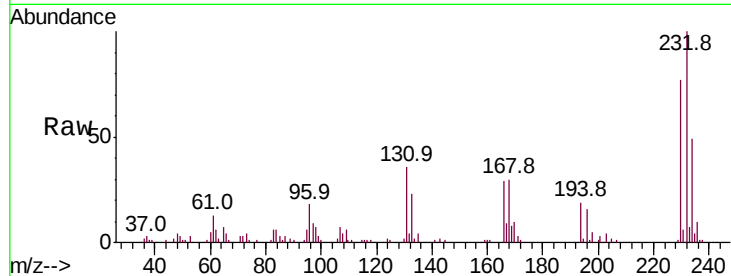
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 79.620 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Tot Ion:	232	Resp:	41933
Ion Ratio	Lower	Upper	
232	100		
131	35.3	30.9	46.3
130	2.1	1.9	2.9
166	28.7	22.1	33.1

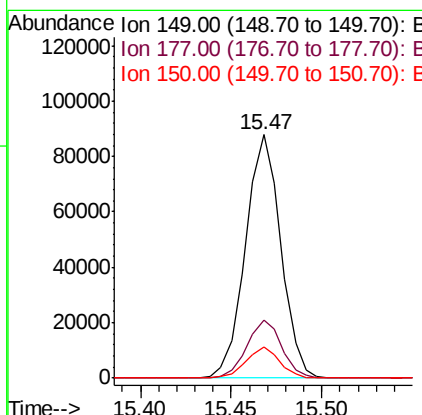
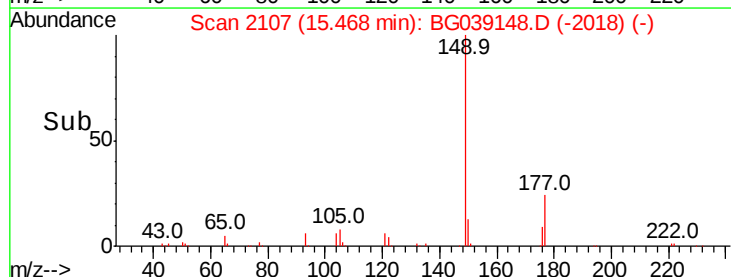
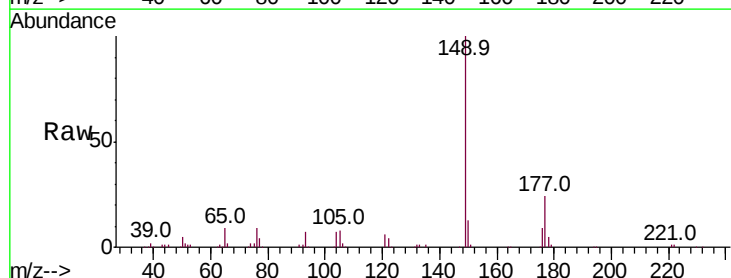
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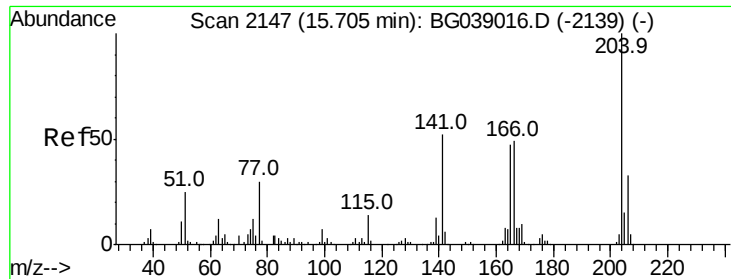
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#60
 Diethylphthalate
 Concen: 61.056 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion:	149	Resp:	118719
Ion Ratio	Lower	Upper	
149	100		
177	23.6	19.0	28.6
150	12.9	10.2	15.4





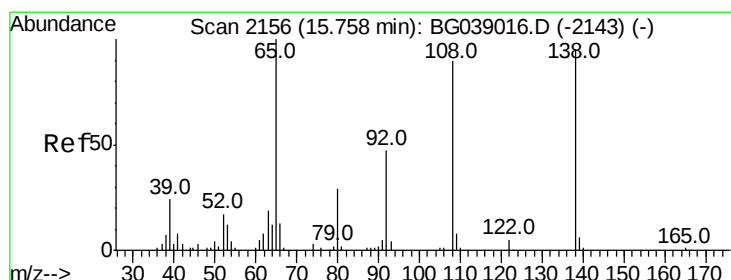
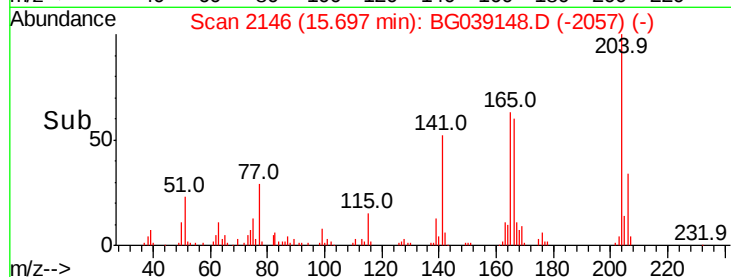
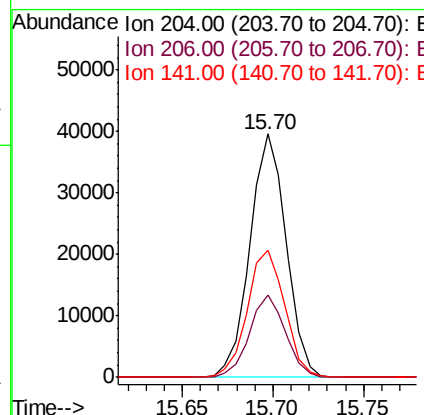
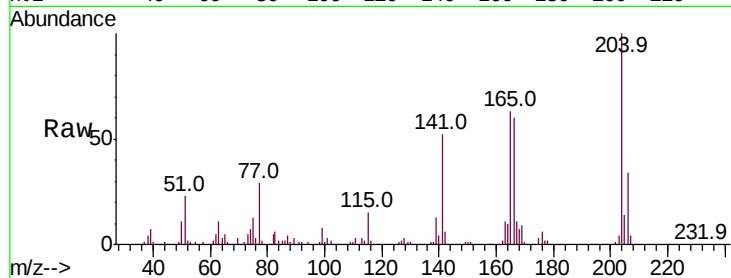
#61
4-Chlorophenyl-phenylether
Concen: 50.972 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampled :
PB116389BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	39.8
141	52.3	41.4	62.0

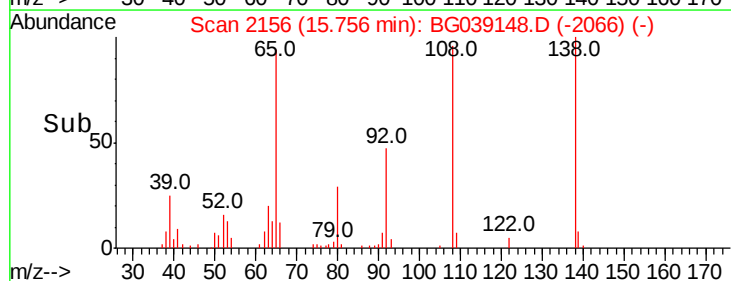
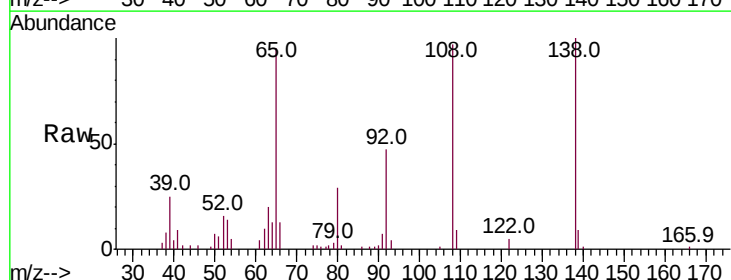
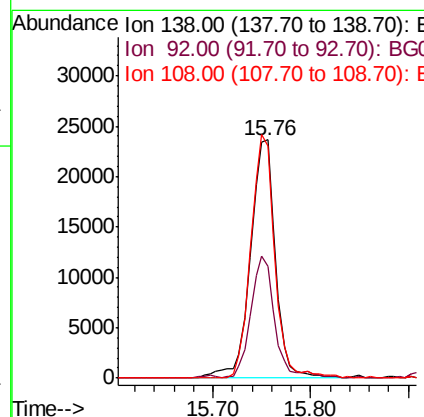
Manual Integrations
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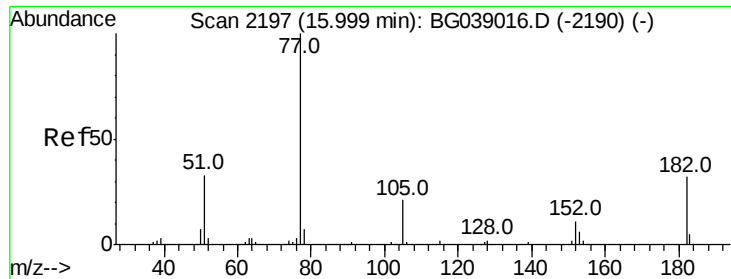
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#62
4-Nitroaniline
Concen: 95.538 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	29.7	69.7
108	97.4	75.7	115.7





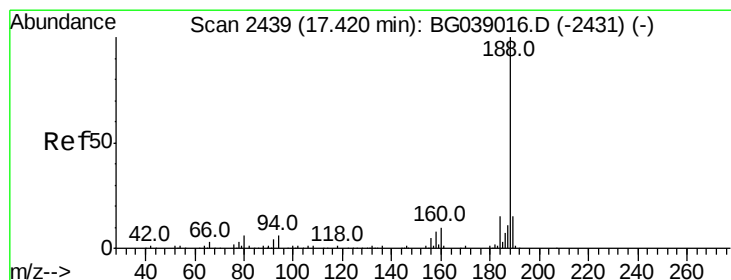
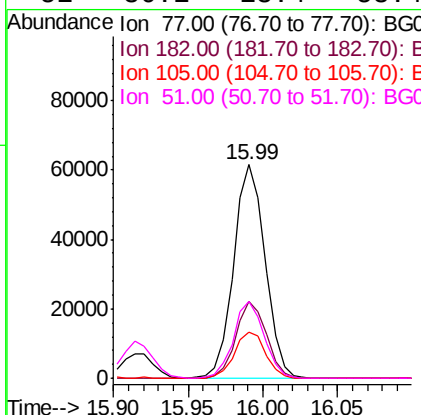
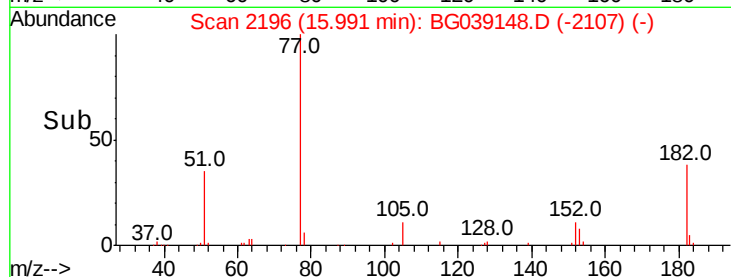
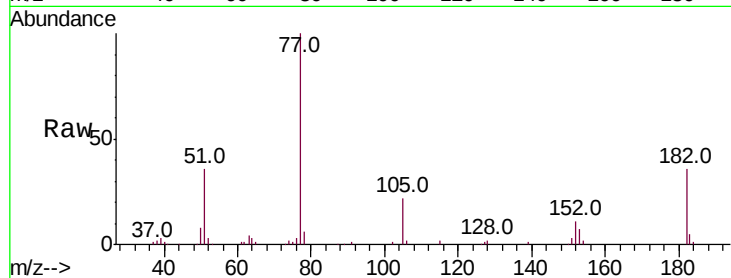
#63
Azobenzene
Concen: 59.393 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.7	12.2	52.2
105	21.8	1.2	41.2
51	36.1	13.4	53.4

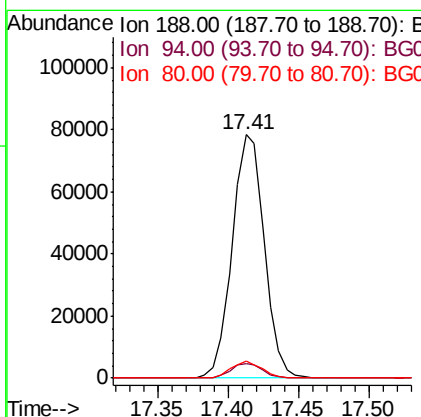
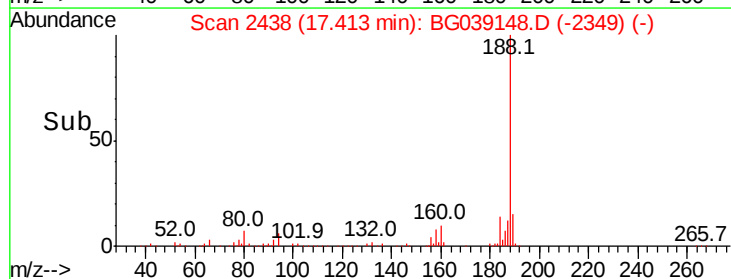
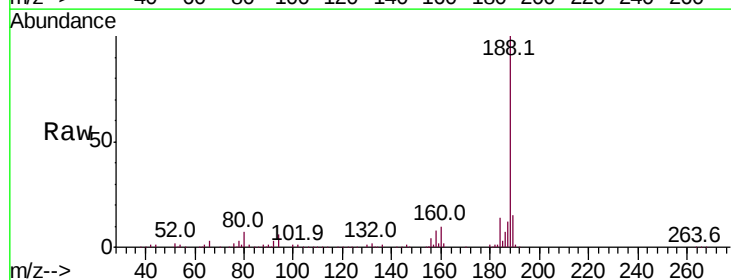
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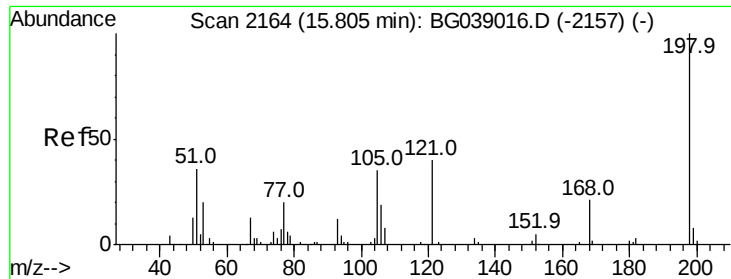
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	6.8	4.7	7.1





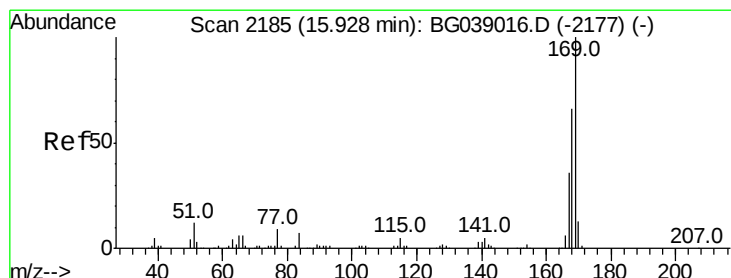
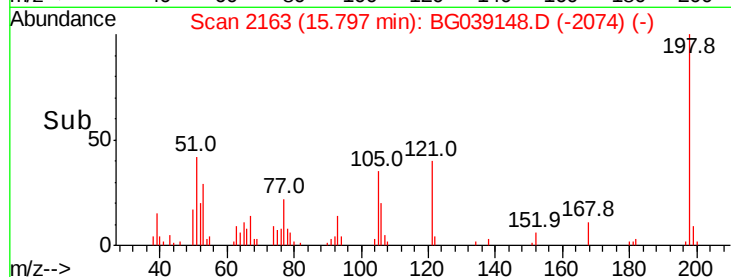
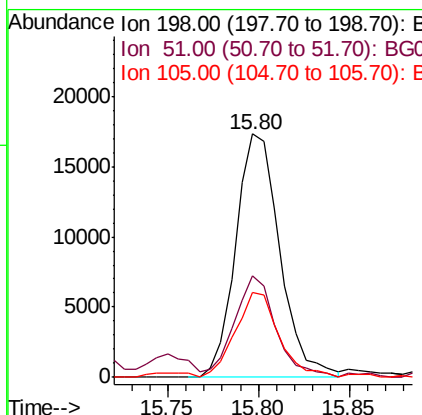
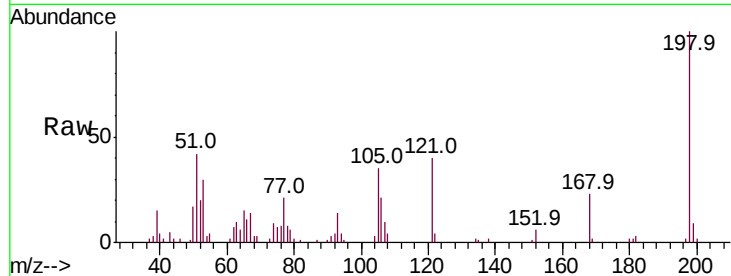
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.923 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	29285		
51	41.6	20.8	60.8	
105	34.7	16.1	56.1	

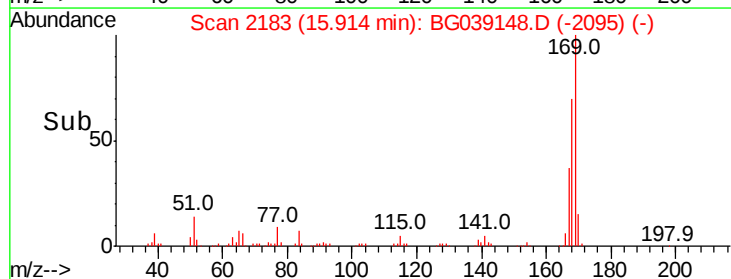
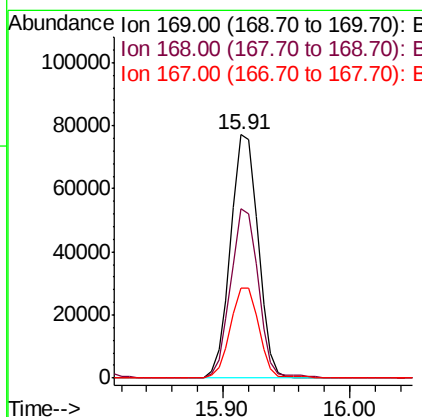
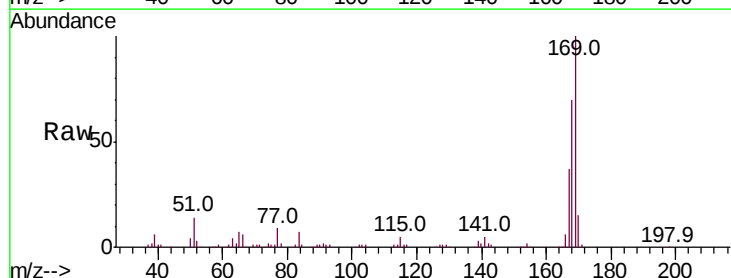
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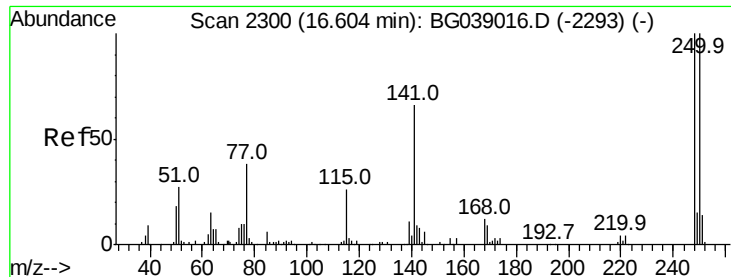
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#66
 n-Nitrosodiphenylamine
 Concen: 31.561 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	115853		
168	69.7	53.2	79.8	
167	37.2	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 34.003 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

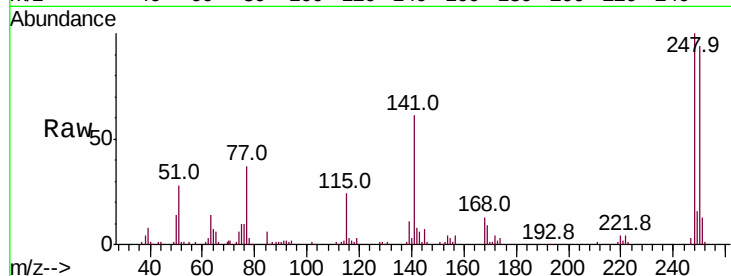
ClientSampleId :

PB116389BS

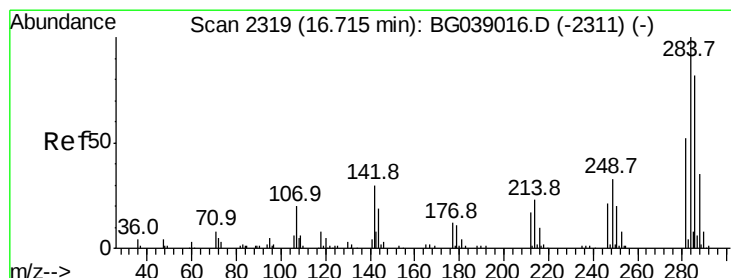
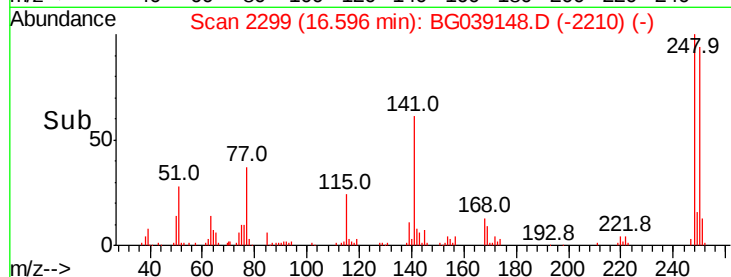
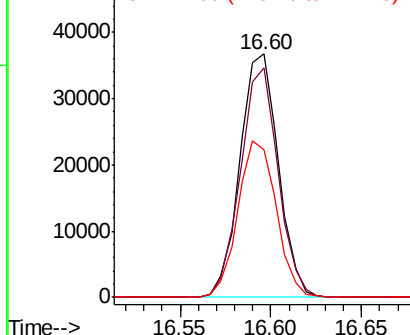
Tot Ion:	248	Resp:	54122
Ion Ratio	Lower	Upper	
248	100		
250	94.5	79.9	119.9
141	60.6	52.7	79.1

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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: 35.235 ng

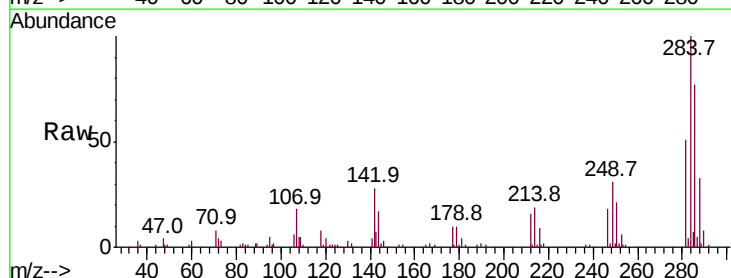
RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

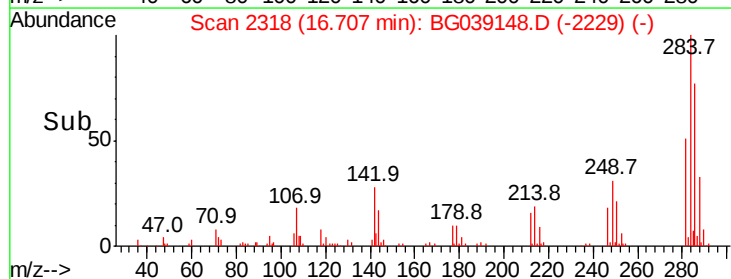
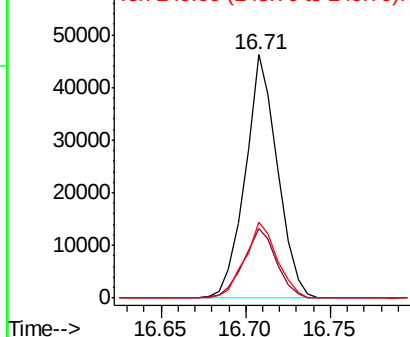
Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	284	Resp:	61197
Ion Ratio	Lower	Upper	
284	100		
142	28.5	24.3	36.5
249	33.2	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





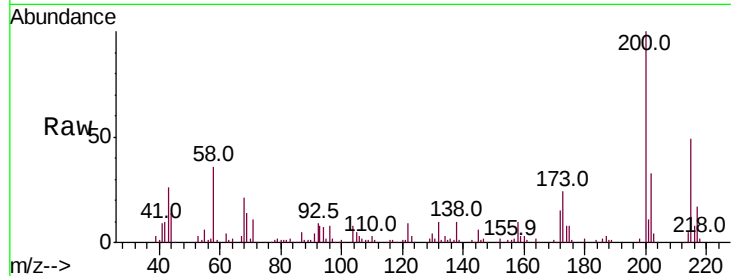
#69
Atrazine
Concen: 43.931 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

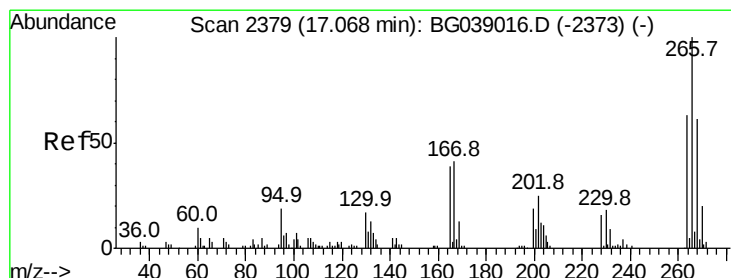
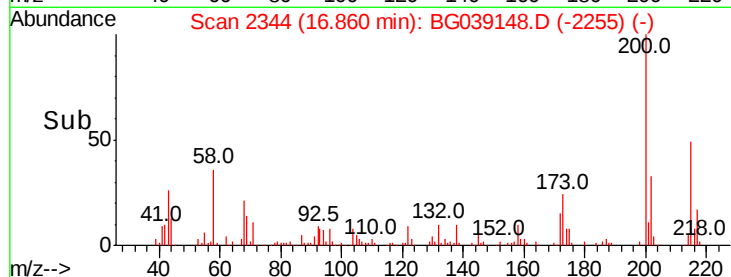
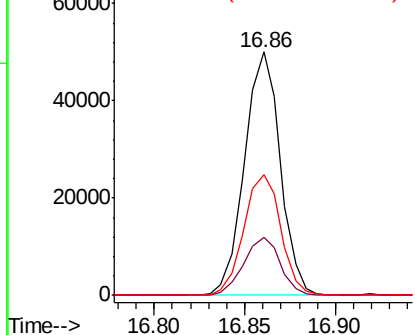
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	2.6	42.6
215	49.5	28.0	68.0

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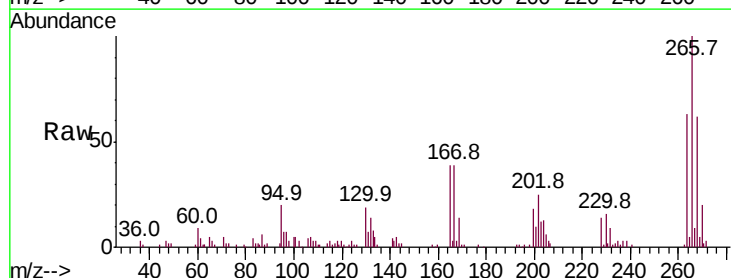


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

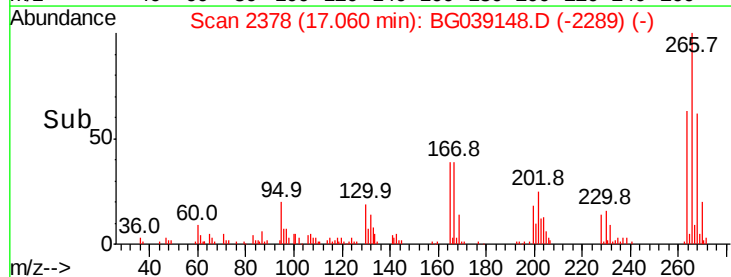
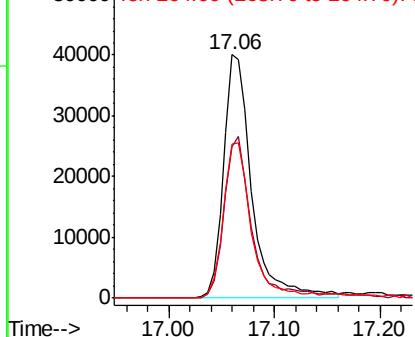


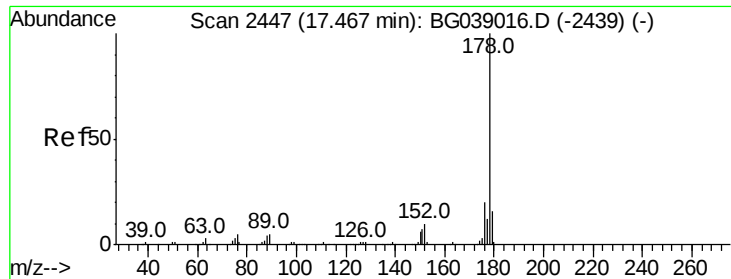
#70
Pentachlorophenol
Concen: 70.000 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	52.0	78.0
264	63.2	54.6	81.8



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





#71

Phenanthrene

Concen: 52.199 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

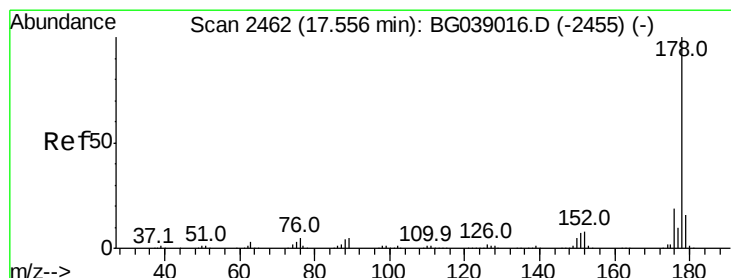
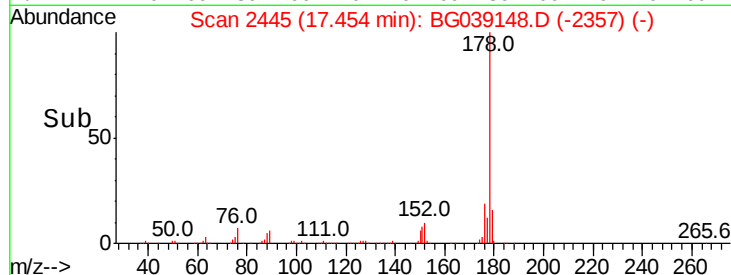
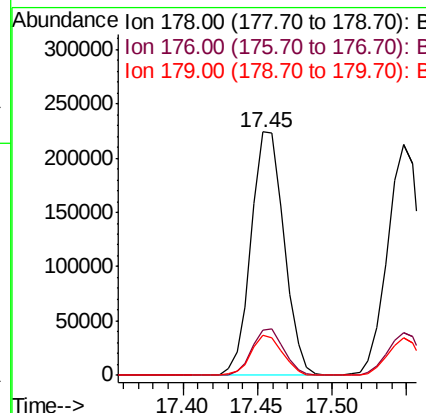
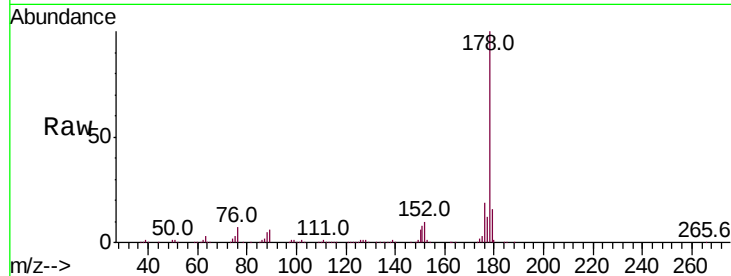
ClientSampleId :

PB116389BS

Tot Ion:	178	Resp:	341638
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.7	23.5
179	16.2	12.9	19.3

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#72

Anthracene

Concen: 50.066 ng

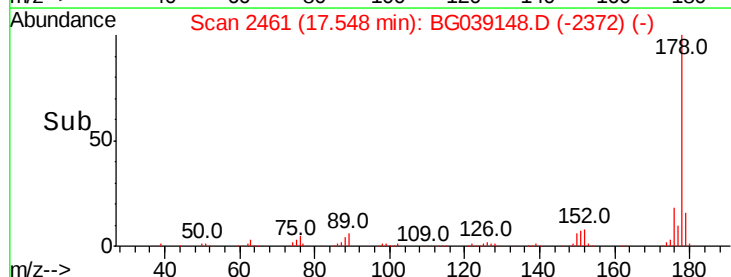
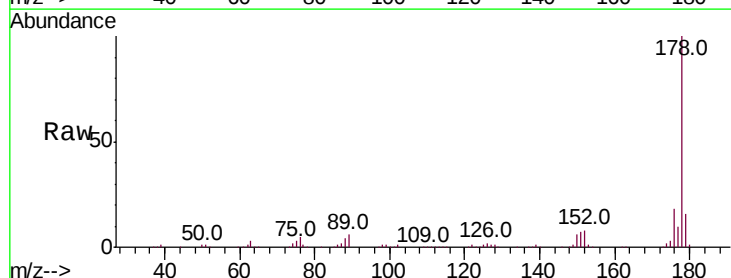
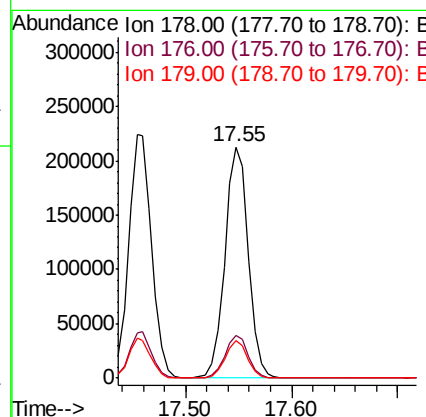
RT: 17.55 min Scan# 2461

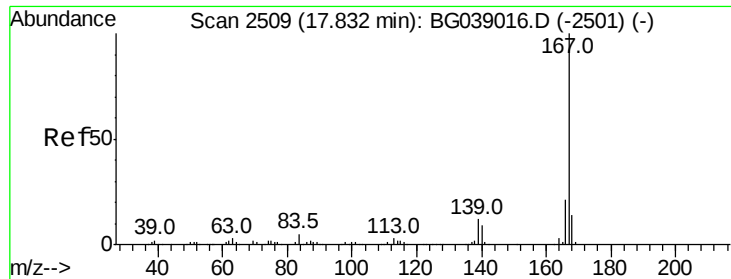
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	178	Resp:	323983
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.9	22.3
179	16.1	13.0	19.4





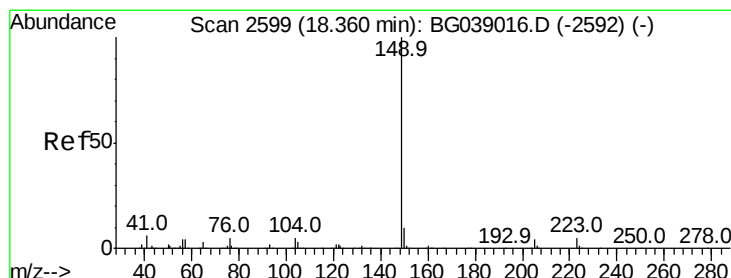
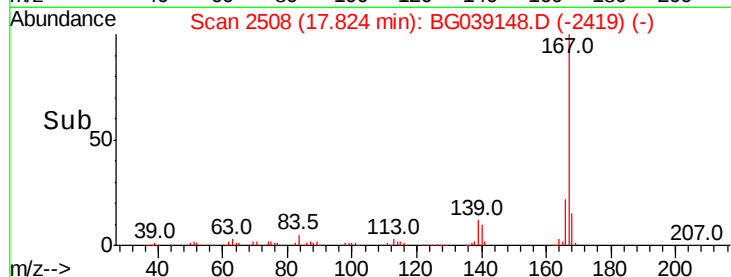
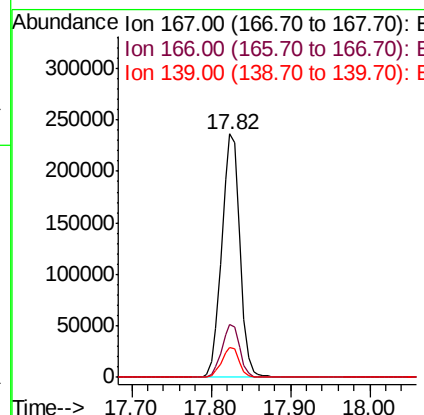
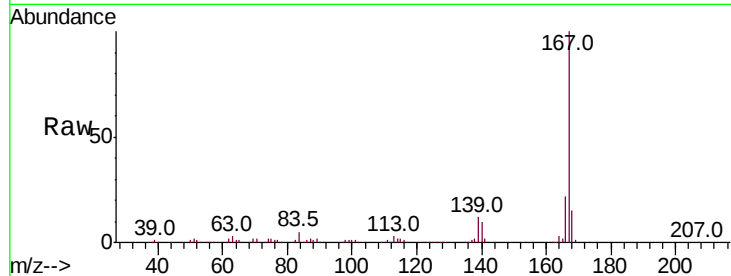
#73
 Carbazole
 Concen: 58.627 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Instrument :
 BNA_G
 ClientSampleId :
 PB116389BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.1	10.0	15.0

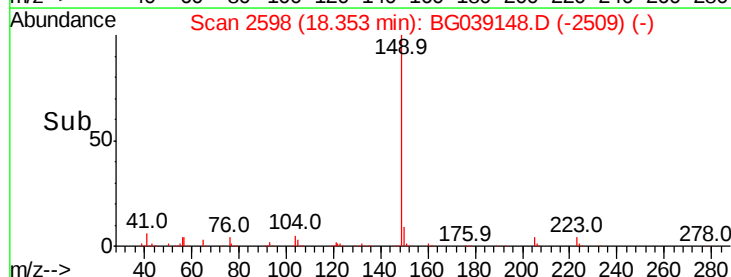
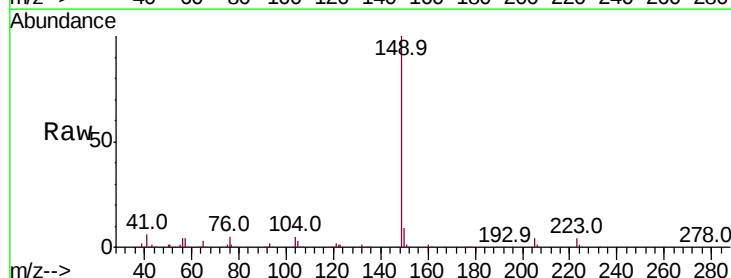
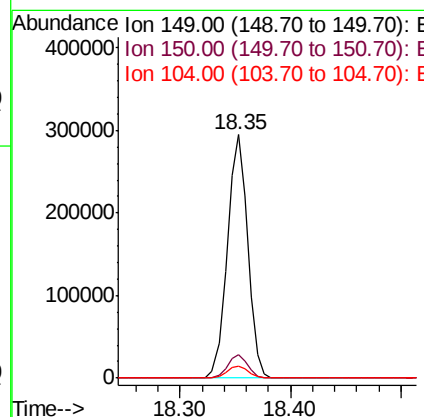
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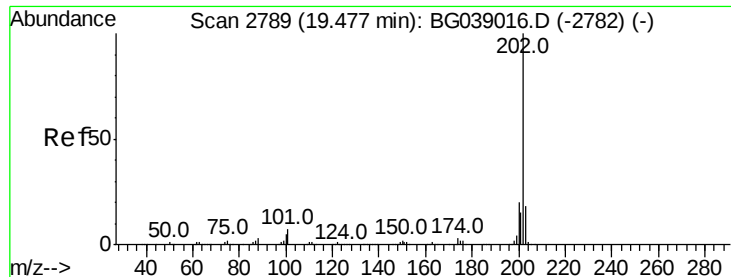
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#74
 Di-n-butylphthalate
 Concen: 53.471 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG039148.D
 Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 69.360 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

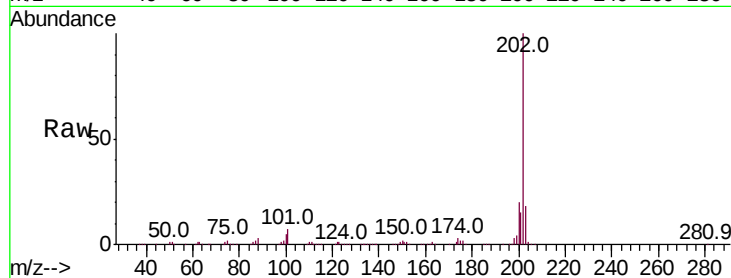
ClientSampleId :

PB116389BS

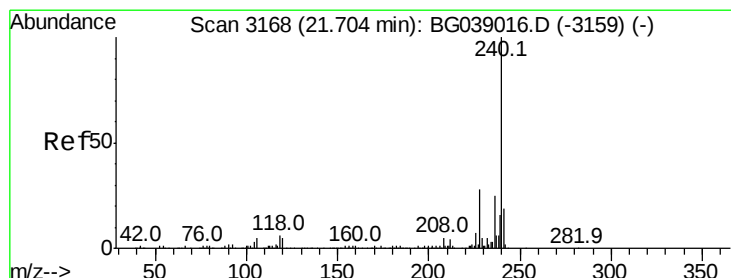
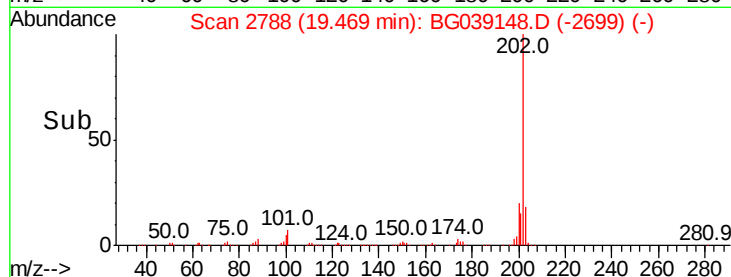
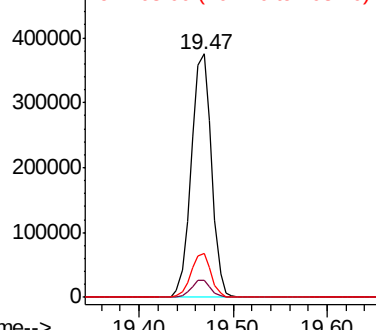
Tot Ion:	202	Resp:	562757
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.9
203	18.1	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

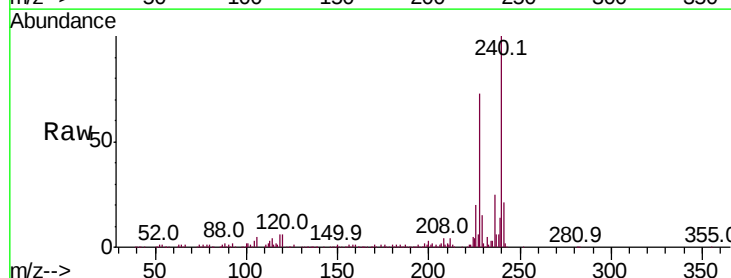
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

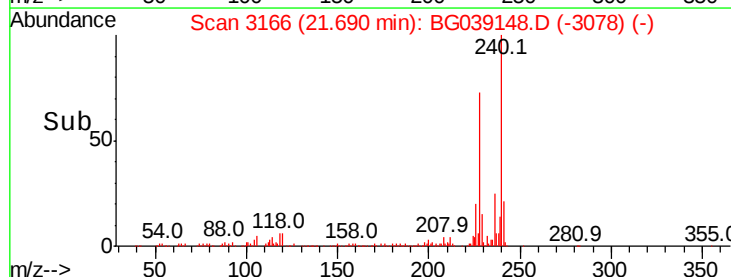
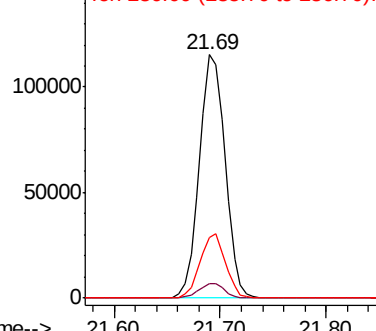
Lab File: BG039148.D

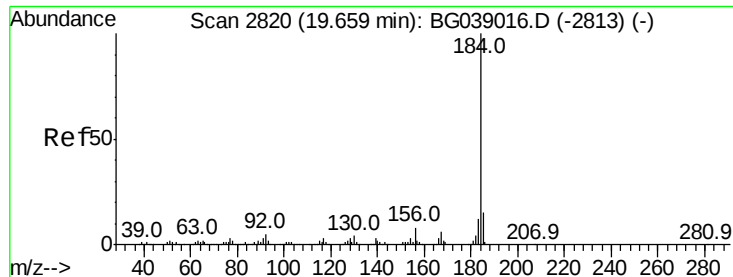
Acq: 16 Jan 2019 5:40

Tgt Ion:	240	Resp:	193930
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.3	6.5
236	24.9	20.1	30.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.416 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

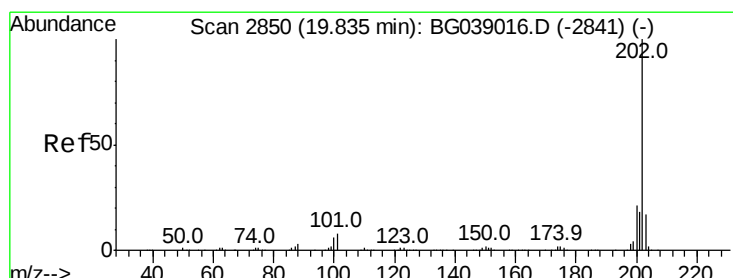
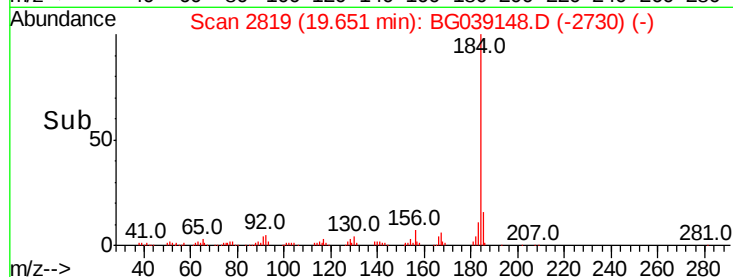
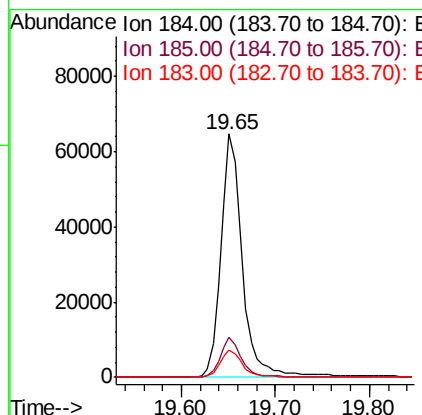
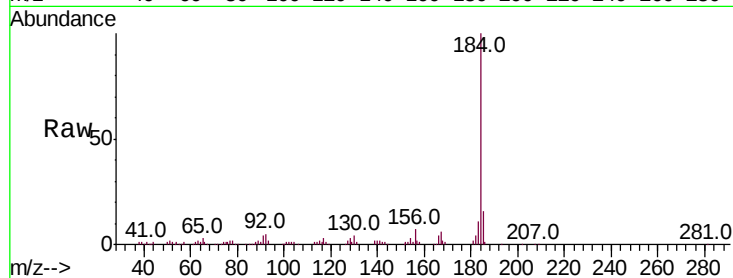
ClientSampleId :

PB116389BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.1	18.1
183	11.4	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 47.199 ng

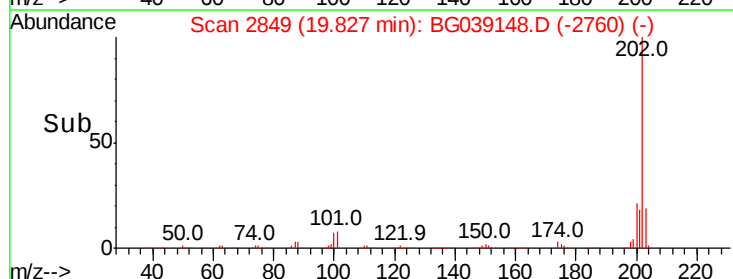
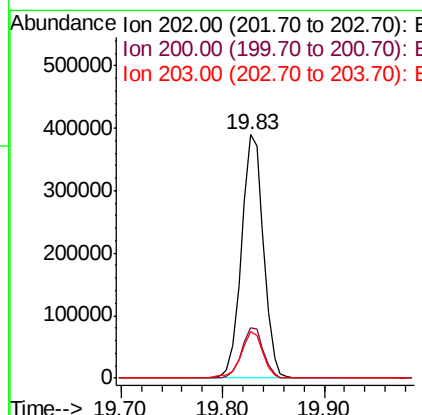
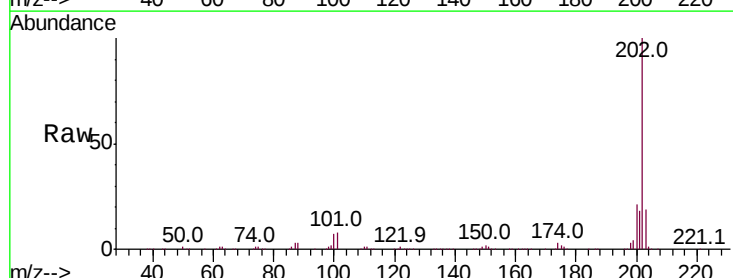
RT: 19.83 min Scan# 2849

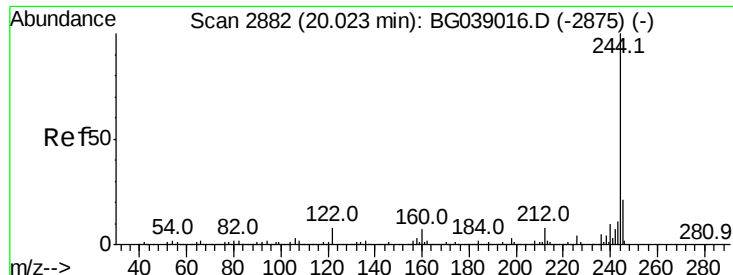
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	19.3	14.0	21.0





#79

Terphenyl-d14

Concen: 87.336 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

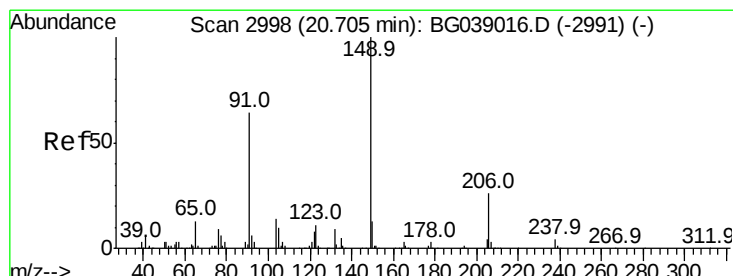
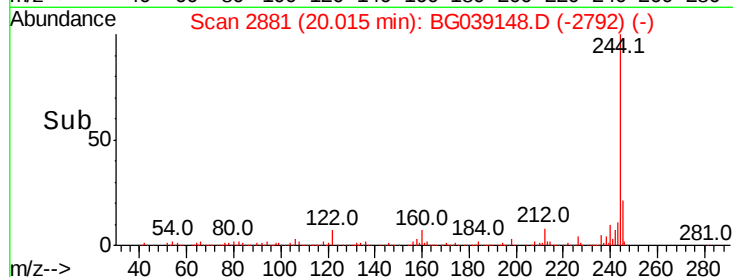
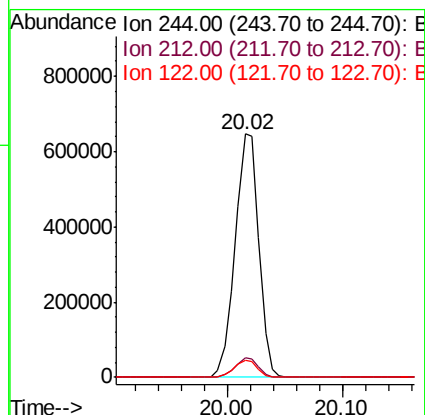
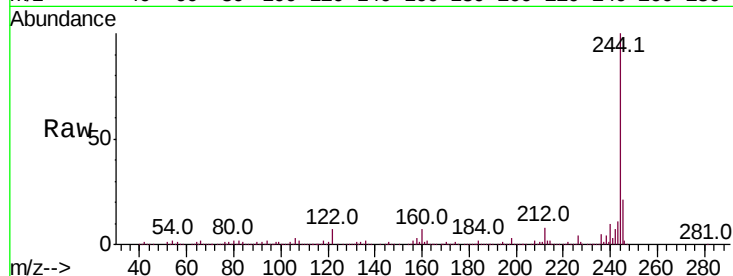
ClientSampleId :

PB116389BS

Tot Ion:	244	Resp:	915574
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.2	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 48.460 ng

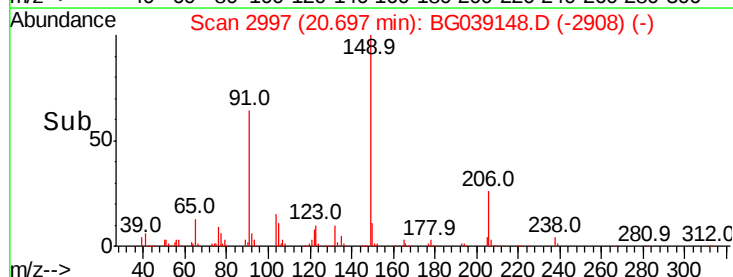
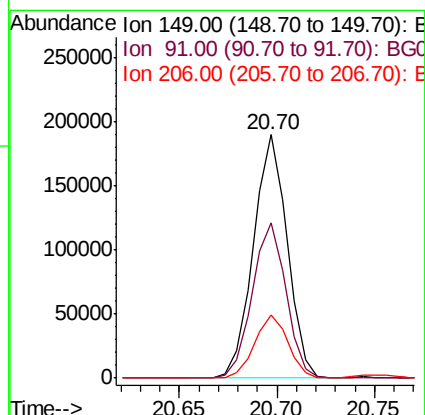
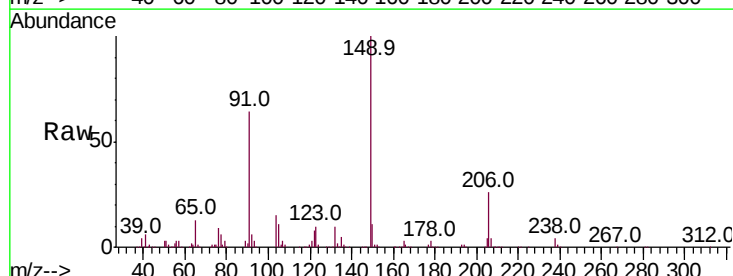
RT: 20.70 min Scan# 2997

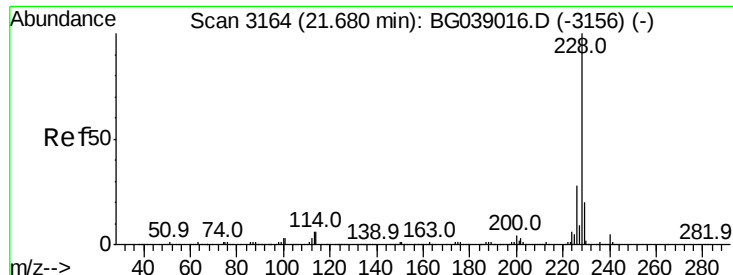
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	149	Resp:	227791
Ion Ratio		Lower	Upper
149	100		
91	63.9	51.4	77.0
206	25.7	20.4	30.6





#81

Benzo(a)anthracene

Concen: 47.636 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

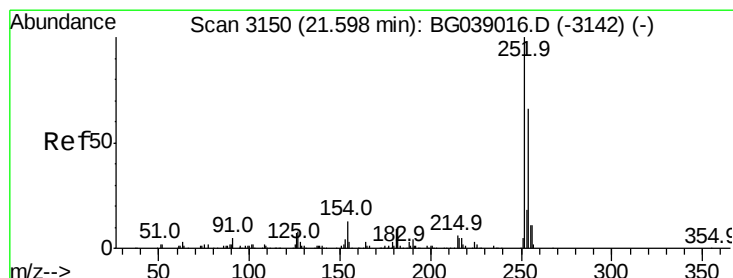
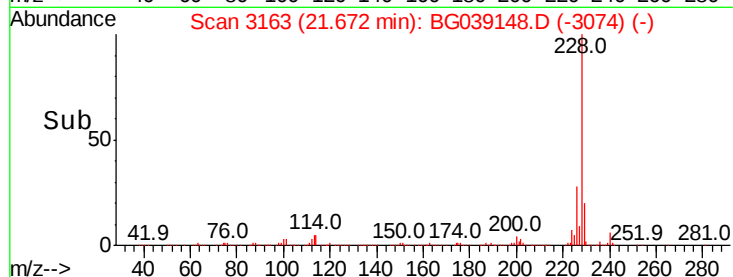
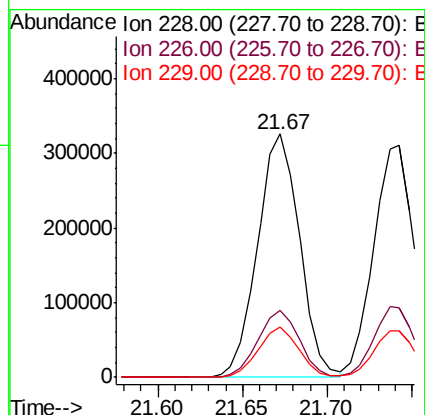
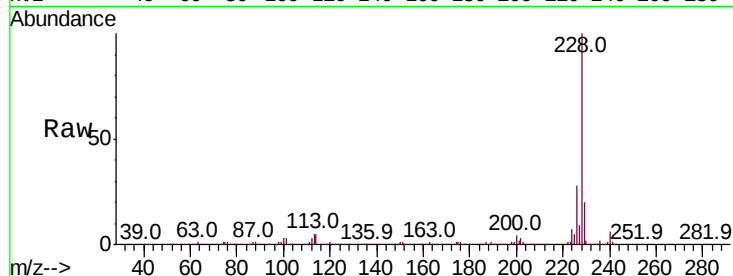
ClientSampleId :

PB116389BS

Tot Ion:	228	Resp:	562359
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.4	33.6
229	20.5	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 14.402 ng

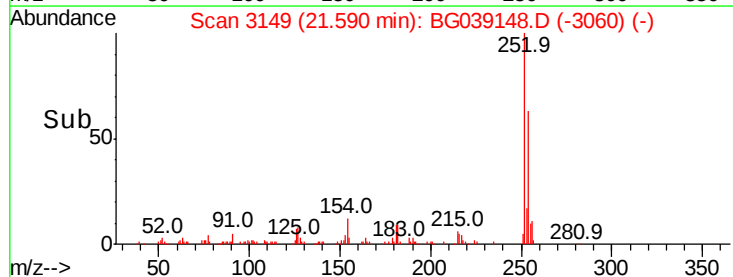
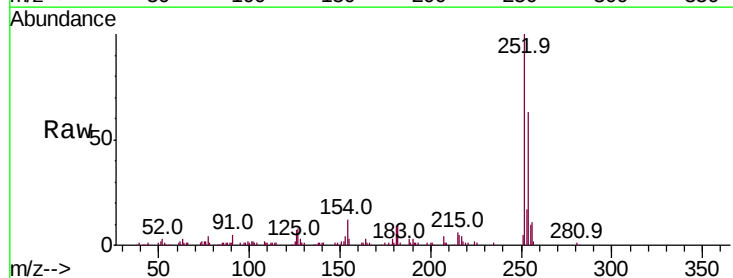
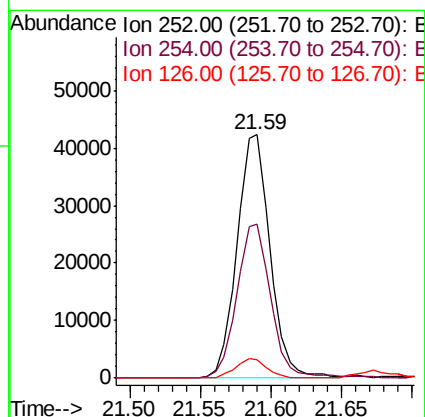
RT: 21.59 min Scan# 3149

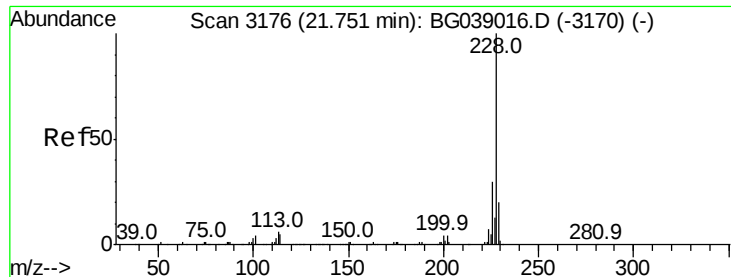
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	252	Resp:	69273
Ion Ratio	Lower	Upper	
252	100		
254	63.2	53.0	79.6
126	7.3	6.0	9.0





#83

Chrysene

Concen: 46.402 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

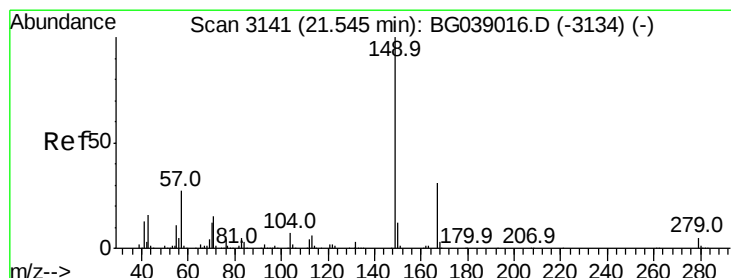
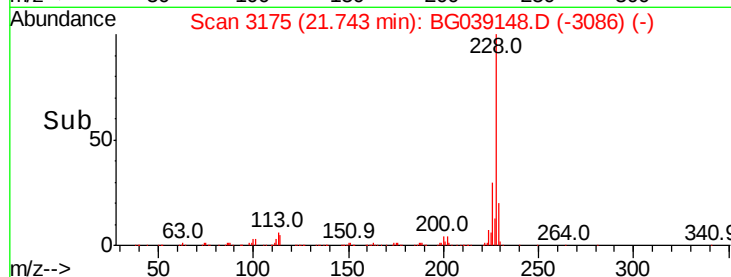
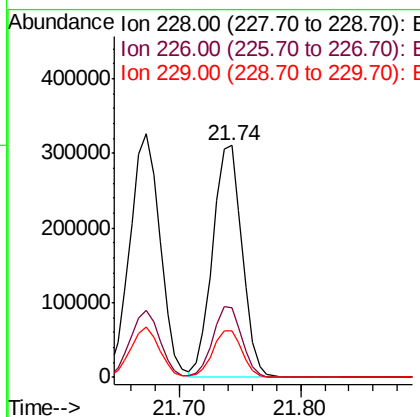
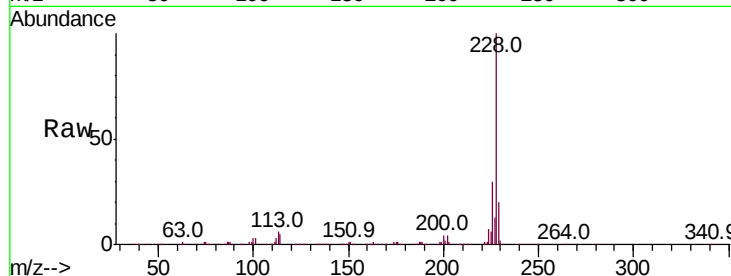
ClientSampleId :

PB116389BS

Tot Ion:	228	Resp:	521000
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	20.1	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.154 ng

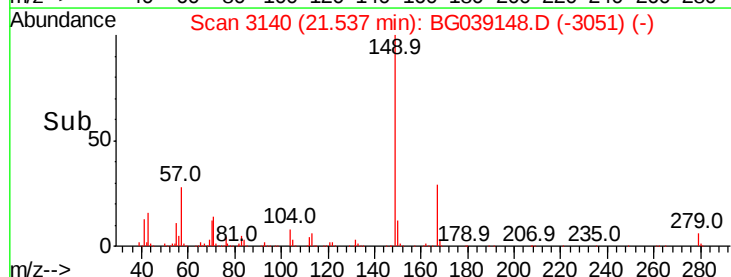
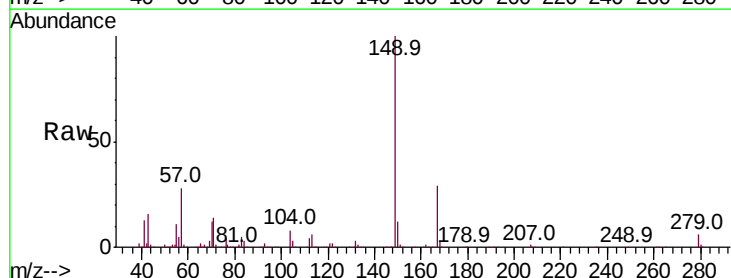
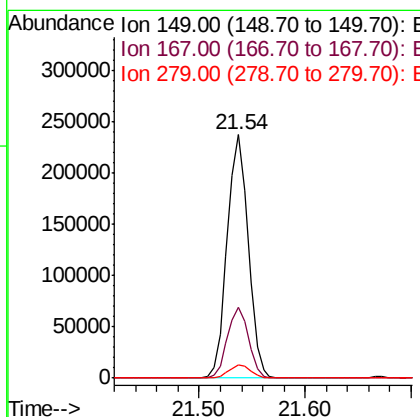
RT: 21.54 min Scan# 3140

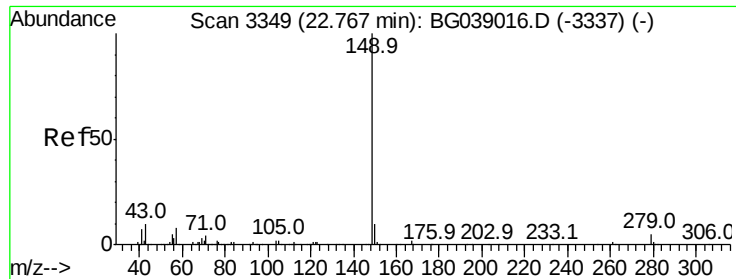
Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	149	Resp:	327341
Ion Ratio	Lower	Upper	
149	100		
167	29.3	25.0	37.4
279	5.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.460 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

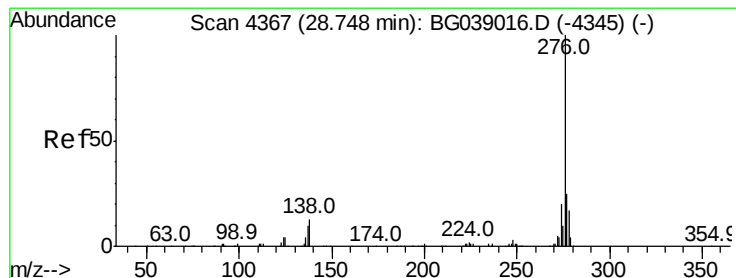
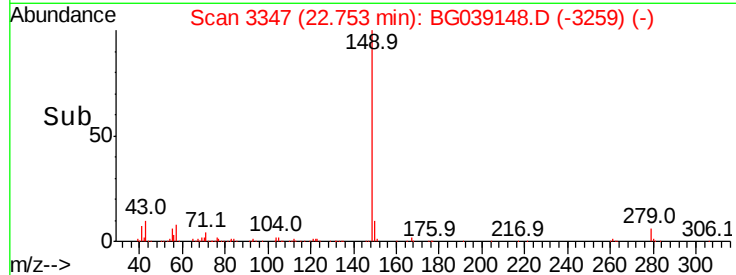
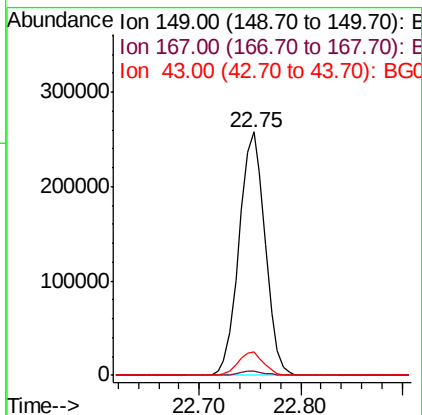
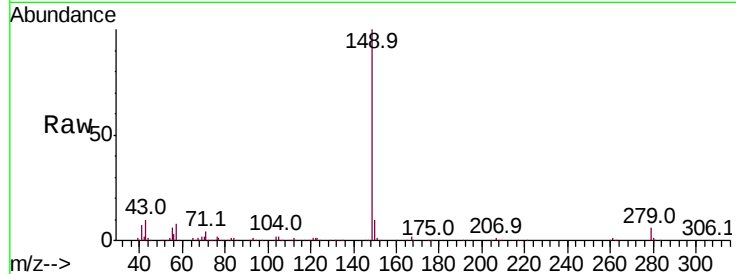
ClientSampleId :

PB116389BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	457566		
167	1.7	1.3	1.9	
43	9.5	7.5	11.3	

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.121 ng

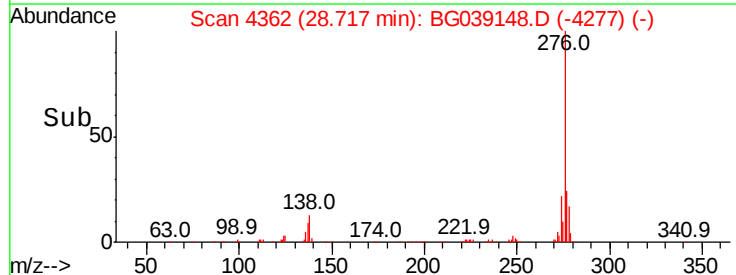
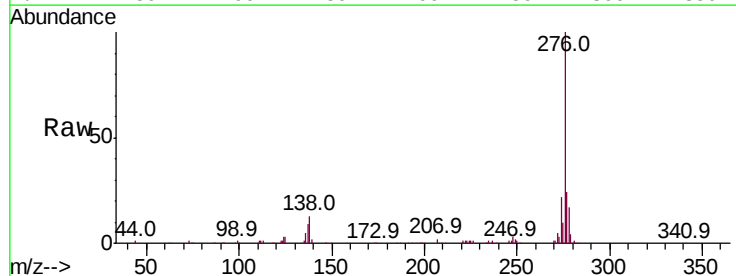
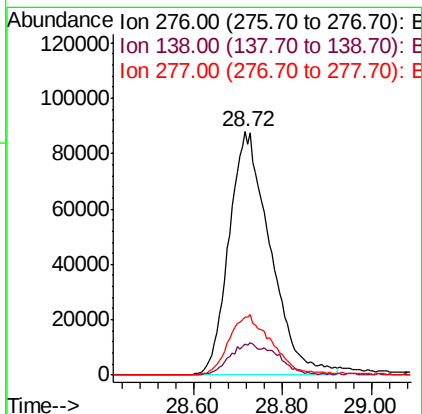
RT: 28.72 min Scan# 4362

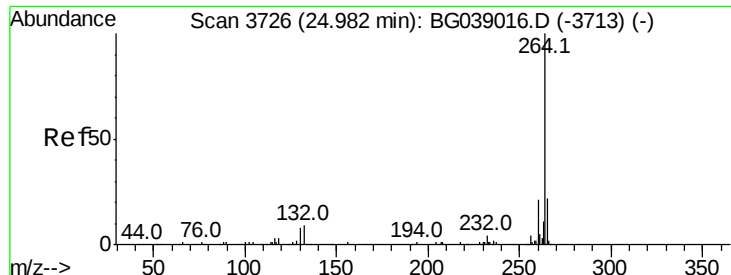
Delta R.T. -0.03 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	565118		
138	14.8	8.0	12.0#	
277	25.5	20.3	30.5	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

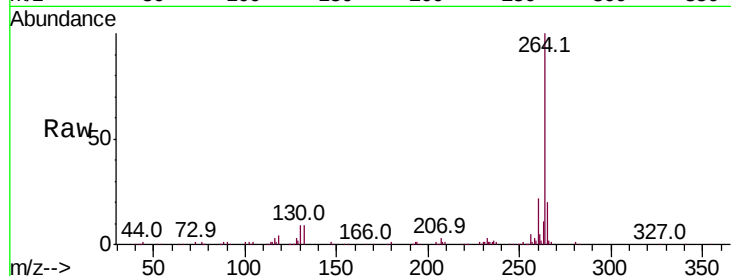
ClientSampleId :

PB116389BS

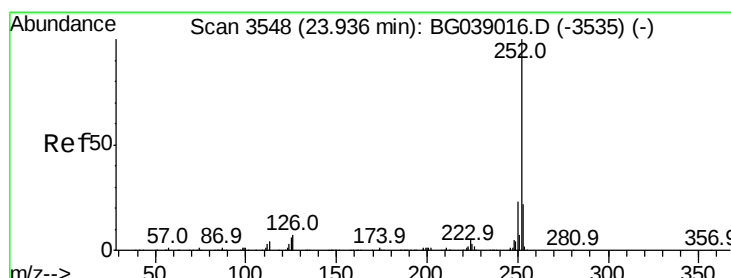
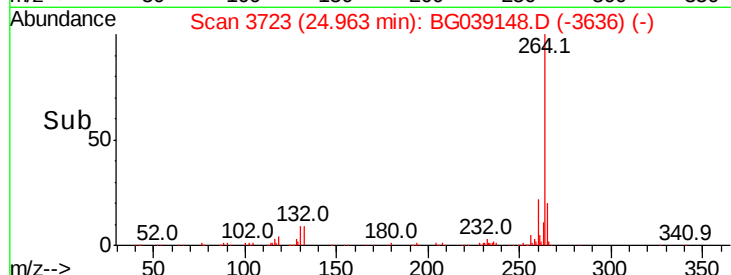
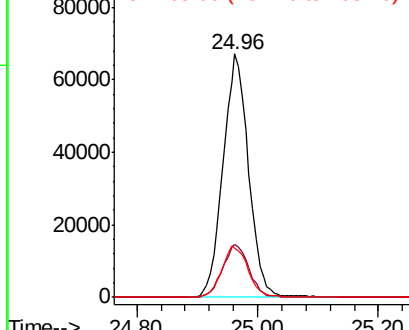
Tot Ion:	264	Resp:	196665
Ion Ratio	Lower	Upper	
264	100		
260	21.6	17.0	25.6
265	20.1	17.2	25.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.367 ng

RT: 23.92 min Scan# 3545

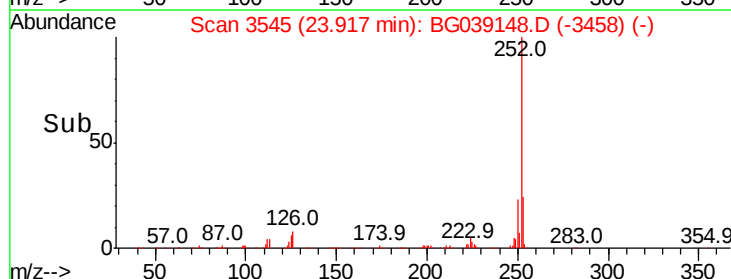
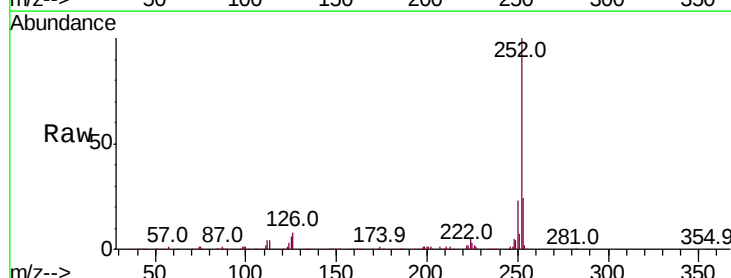
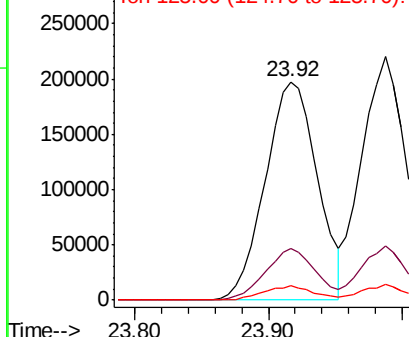
Delta R.T. -0.02 min

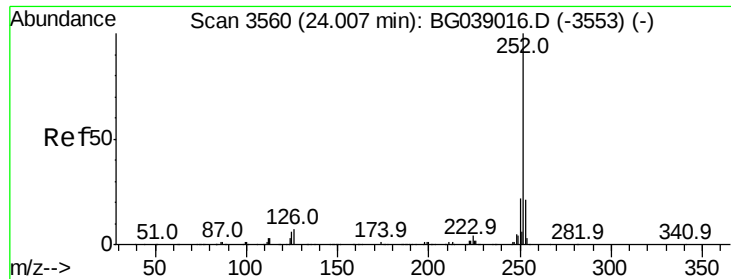
Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	252	Resp:	535344
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	6.4	4.9	7.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





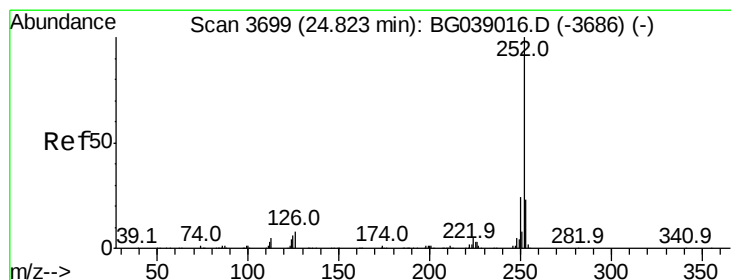
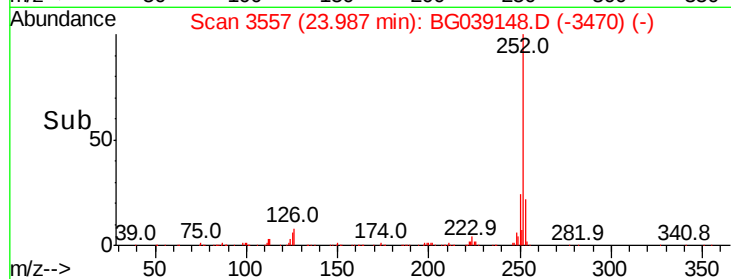
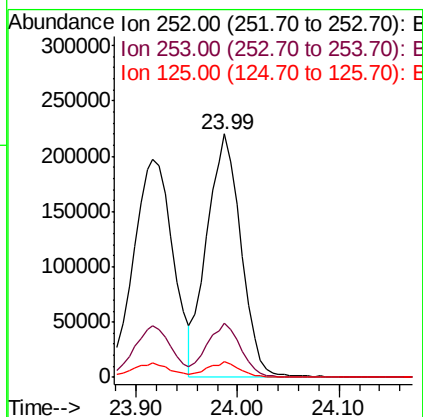
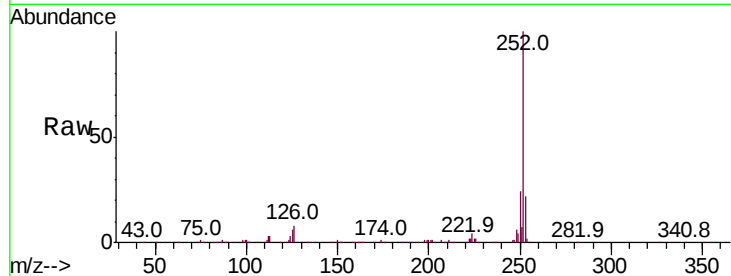
#89
Benzo(k)fluoranthene
Concen: 47.532 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	6.2	4.6	7.0

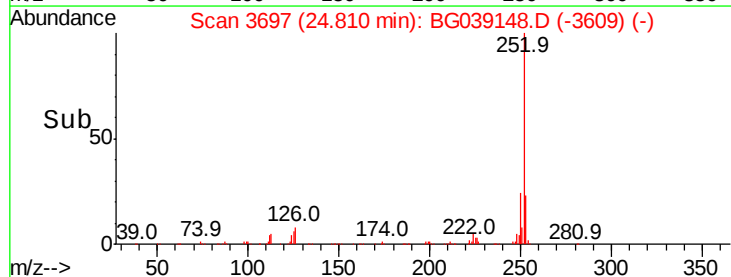
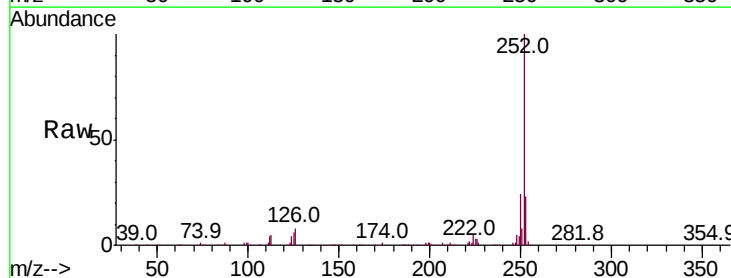
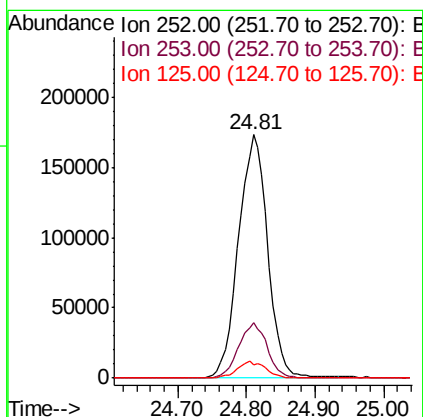
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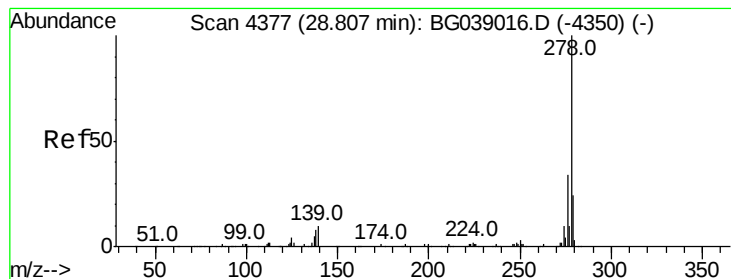
Sohil
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#90
Benzo(a)pyrene
Concen: 49.039 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG039148.D
Acq: 16 Jan 2019 5:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	5.6	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 44.349 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Instrument :

BNA_G

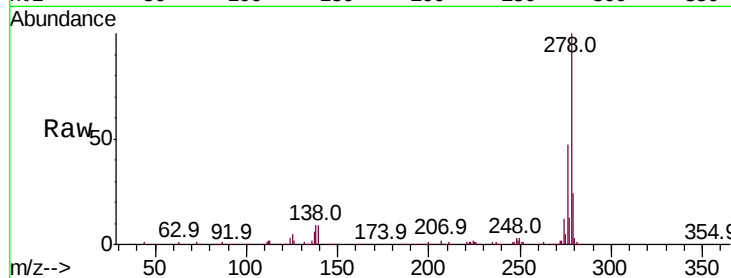
ClientSampleId :

PB116389BS

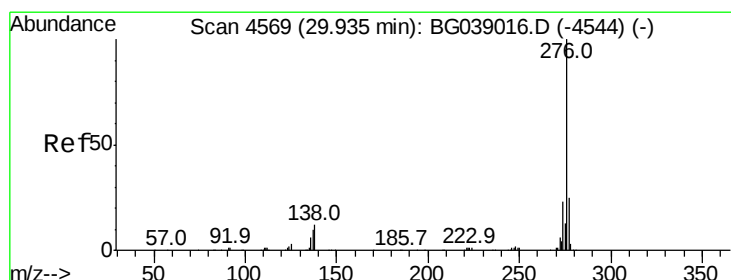
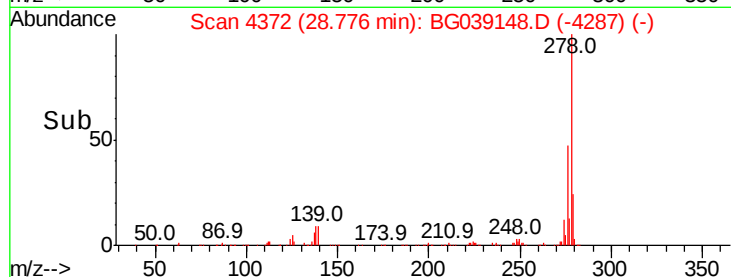
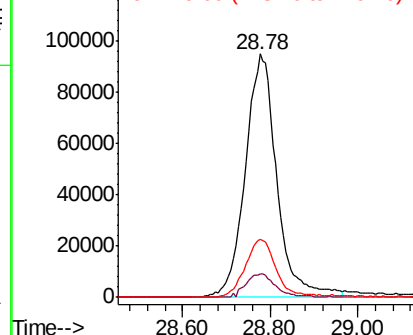
Tot Ion:	278	Resp:	462374
Ion Ratio	Lower	Upper	
278	100		
139	9.4	7.9	11.9
279	24.0	19.3	28.9

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.822 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.03 min

Lab File: BG039148.D

Acq: 16 Jan 2019 5:40

Tgt Ion:	276	Resp:	431663
Ion Ratio	Lower	Upper	
276	100		
277	22.7	20.3	30.5
138	11.4	9.4	14.2

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

