

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012219\
 Data File : BG039252.D
 Acq On : 22 Jan 2019 15:47
 Operator : JU/SJ
 Sample : PB116551BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Manual Integrations
 APPROVED

Sohil
 1/23/2019 10:42:46 AM

Quant Time: Jan 22 17:02:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	16030	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	64976	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	46225	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	124524	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130280	20.00	ng	-0.01
87) Perylene-d12	24.92	264	131990	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	169670	200.79	ng	0.00
7) Phenol-d6	7.17	99	168480	138.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	95212	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	101995	131.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	266158	78.80	ng	0.00
79) Terphenyl-d14	20.00	244	566669	80.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	18931	57.208	ng	# 90
3) Pyridine	3.84	79	28261	31.430	ng	97
4) n-Nitrosodimethylamine	3.76	42	19069	47.128	ng	88
6) Aniline	7.34	93	46417	31.782	ng	97
8) 2-Chlorophenol	7.57	128	45571	45.749	ng	96
9) Benzaldehyde	7.15	77	11542	16.457	ng	99
10) Phenol	7.20	94	55567	45.575	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	35501	38.097	ng	98
12) 1,3-Dichlorobenzene	7.89	146	45847	38.415	ng	98
13) 1,4-Dichlorobenzene	8.04	146	47358	39.181	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45771	39.716	ng	96
15) Benzyl Alcohol	8.25	79	39649	43.293	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	73903	41.360	ng	97
17) 2-Methylphenol	8.45	107	38541	45.524	ng	96
18) Hexachloroethane	9.08	117	16286	39.660	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	30505	38.199	ng	98
20) 3+4-Methylphenols	8.78	107	52578	43.559	ng	98
22) Acetophenone	8.84	105	64536	38.033	ng	99
24) Nitrobenzene	9.22	77	48102	40.077	ng	100
25) Isophorone	9.74	82	87836	42.943	ng	98
26) 2-Nitrophenol	9.93	139	26807	41.293	ng	97
27) 2,4-Dimethylphenol	9.98	122	43792	47.947	ng	89
28) bis(2-Chloroethoxy)methane	10.22	93	53077	43.176	ng	98
29) 2,4-Dichlorophenol	10.47	162	52646	46.398	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	53725	39.407	ng	98
31) Naphthalene	10.87	128	140023	42.967	ng	99
32) Benzoic acid	10.16	122	15103	31.042	ng	95
33) 4-Chloroaniline	10.99	127	34174	23.436	ng	99
34) Hexachlorobutadiene	11.13	225	36214	38.604	ng	98
35) Caprolactam	11.78	113	17486m	38.431	ng	
36) 4-Chloro-3-methylphenol	12.11	107	51336	42.301	ng	90
37) 2-Methylnaphthalene	12.47	142	106494	43.587	ng	99
38) 1-Methylnaphthalene	12.70	142	101503	43.282	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69536	40.055	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	72538	74.606	ng	95
43) 2,4,6-Trichlorophenol	13.08	196	46278	42.356	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	51127	44.274	ng	99
46) 1,1'-Biphenyl	13.48	154	144722	39.512	ng	98
47) 2-Chloronaphthalene	13.53	162	115391	38.931	ng	98
48) 2-Nitroaniline	13.74	65	34866	41.988	ng	96
49) Acenaphthylene	14.37	152	192898	43.298	ng	96
50) Dimethylphthalate	14.10	163	158700	40.628	ng	100
51) 2,6-Dinitrotoluene	14.24	165	35754	40.940	ng	98
52) Acenaphthene	14.71	154	109268	40.822	ng	98
53) 3-Nitroaniline	14.57	138	25168	28.408	ng	94
54) 2,4-Dinitrophenol	14.78	184	30533	59.926	ng	95
55) Dibenzofuran	15.05	168	192347	40.687	ng	99
56) 4-Nitrophenol	14.88	139	53147	83.374	ng	100
57) 2,4-Dinitrotoluene	15.02	165	50836	40.573	ng	# 94
58) Fluorene	15.69	166	157124	44.156	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50051	45.915	ng	# 97
60) Diethylphthalate	15.45	149	162718	40.431	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	89539	39.940	ng	99
62) 4-Nitroaniline	15.74	138	37767	40.921	ng	96
63) Azobenzene	15.97	77	127694	40.572	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	31345	33.977	ng	93
66) n-Nitrosodiphenylamine	15.90	169	142885	38.706	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	58972	36.841	ng	97
68) Hexachlorobenzene	16.69	284	66492	38.068	ng	99
69) Atrazine	16.84	200	60093	38.319	ng	98
70) Pentachlorophenol	17.04	266	59197	56.677	ng	97
71) Phenanthrene	17.44	178	276853	42.062	ng	99
72) Anthracene	17.53	178	279630	42.968	ng	99
73) Carbazole	17.81	167	245441	38.205	ng	99
74) Di-n-butylphthalate	18.34	149	283416	39.656	ng	98
75) Fluoranthene	19.45	202	347095	42.539	ng	99
77) Benzidine	19.64	184	111633	28.015	ng	99
78) Pyrene	19.81	202	348994	42.034	ng	99
80) Butylbenzylphthalate	20.68	149	130844	41.435	ng	99
81) Benzo(a)anthracene	21.65	228	346197	43.652	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	87904	27.203	ng	96
83) Chrysene	21.72	228	322169	42.712	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	178542	40.720	ng	98
85) Di-n-octyl phthalate	22.73	149	309110	41.693	ng	99
86) Indeno(1,2,3-cd)pyrene	28.67	276	405086	44.945	ng	# 80
88) Benzo(b)fluoranthene	23.88	252	347549	47.754	ng	100
89) Benzo(k)fluoranthene	23.95	252	323924	45.015	ng	96
90) Benzo(a)pyrene	24.77	252	333192	47.364	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	335745	47.983	ng	99
92) Benzo(g,h,i)perylene	29.84	276	326443	47.125	ng	98

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



#1

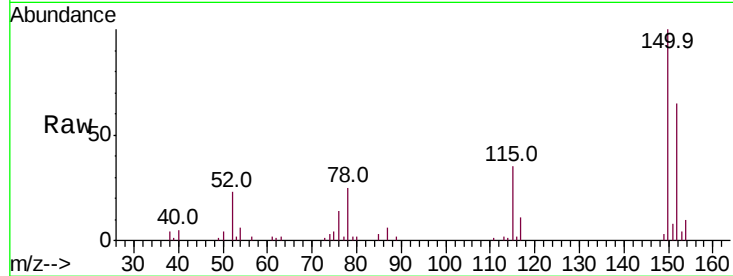
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.7	187.1
115	54.5	46.5	69.7

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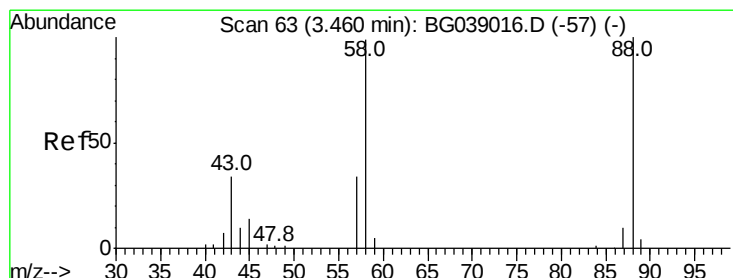
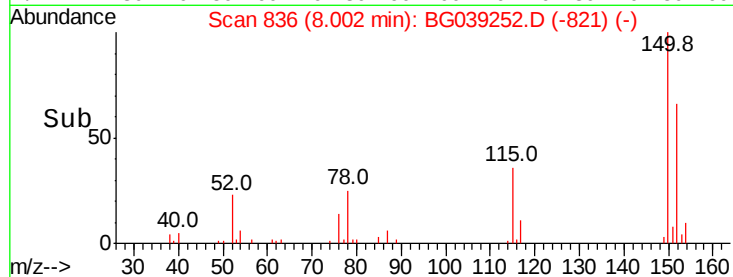
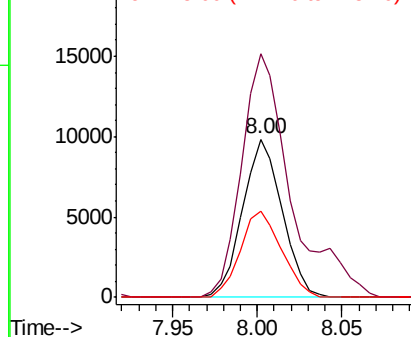


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

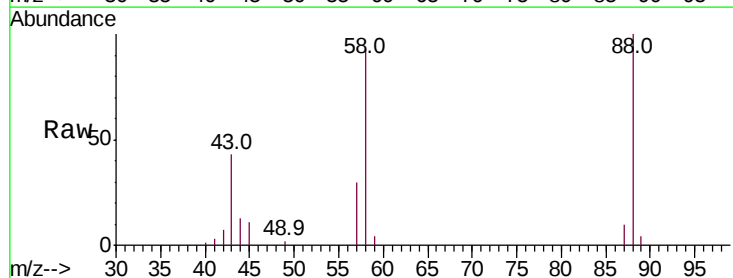
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 57.208 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.4	72.4	108.6
43	41.8	27.6	41.4#

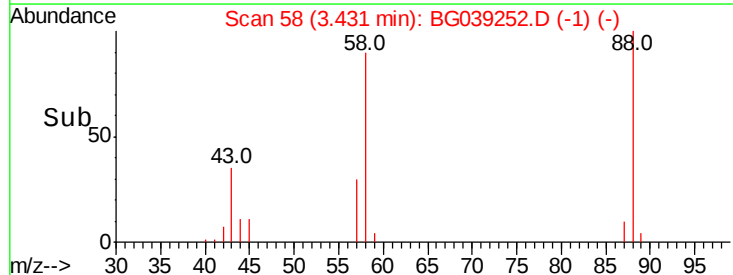
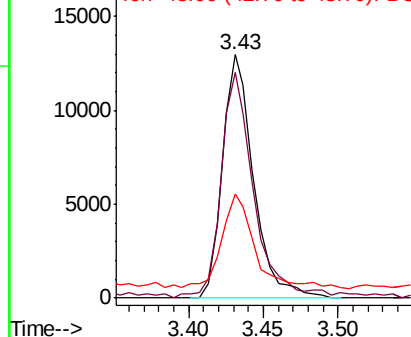


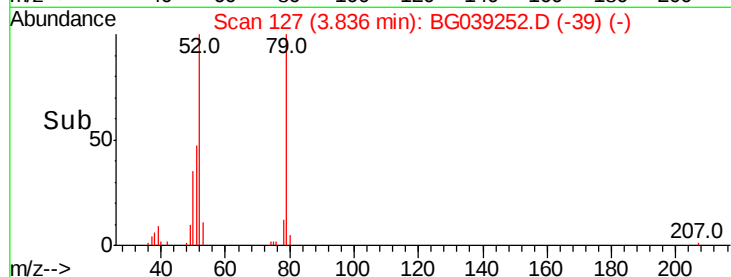
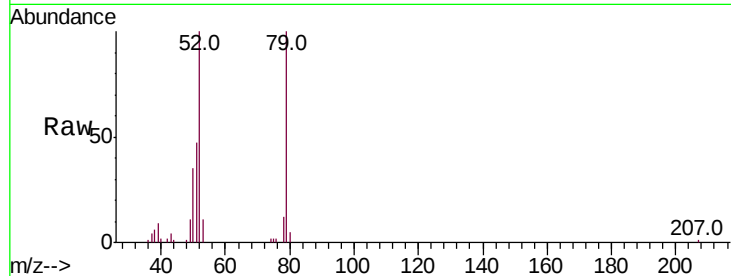
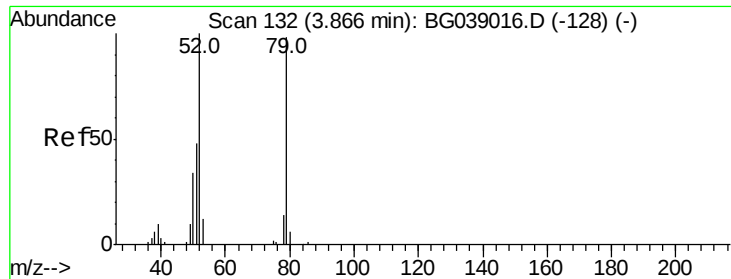
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





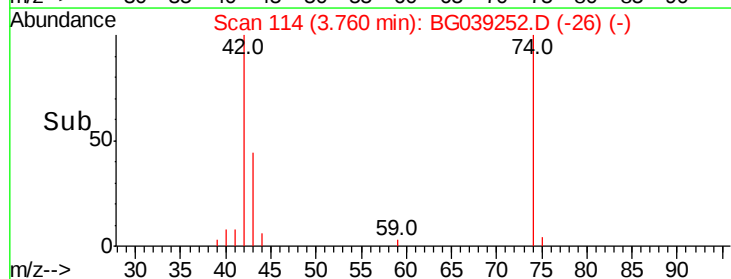
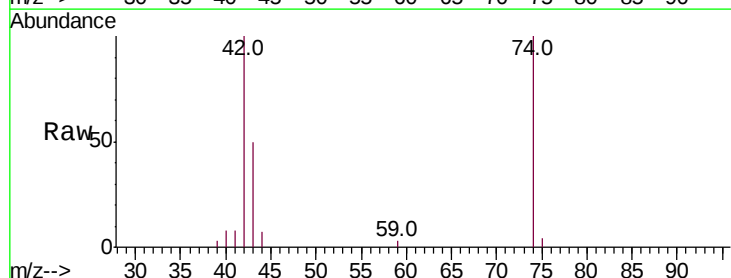
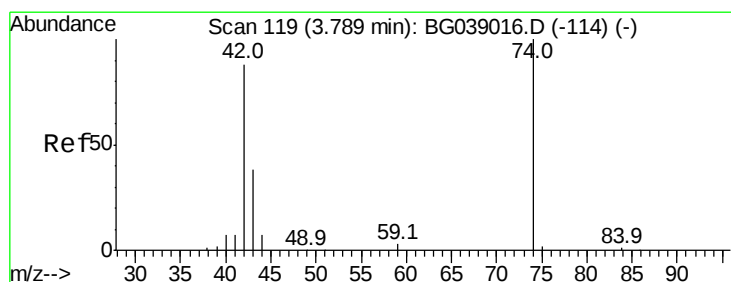
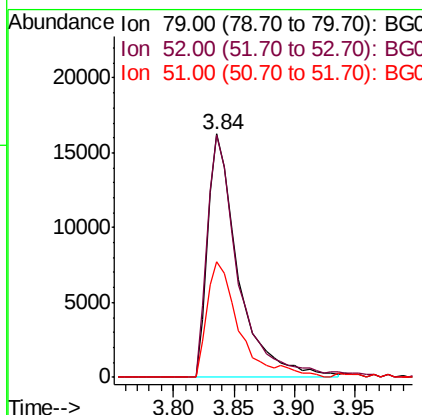
#3
Pvridine
Concen: 31.430 ng
RT: 3.84 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.7	81.5	122.3
51	47.2	39.8	59.6

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

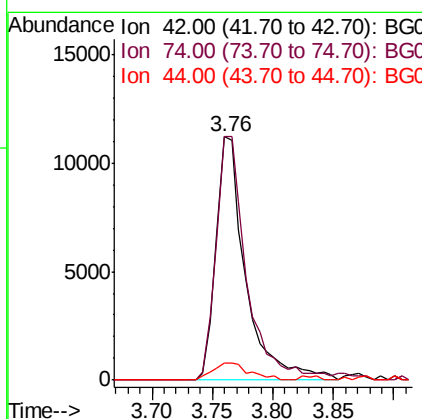
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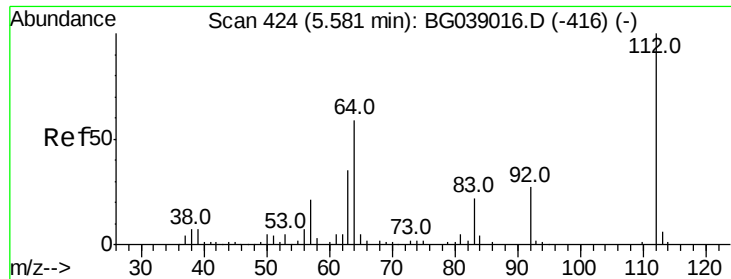
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#4
n-Nitrosodimethylamine
Concen: 47.128 ng
RT: 3.76 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.9	90.7	136.1
44	7.2	6.5	9.7





#5

2-Fluorophenol

Concen: 200.787 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

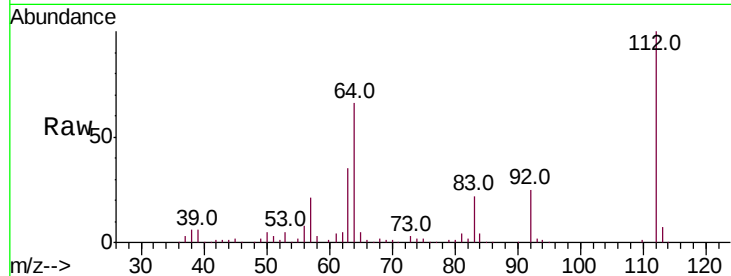
ClientSampled :

PB116551BSD

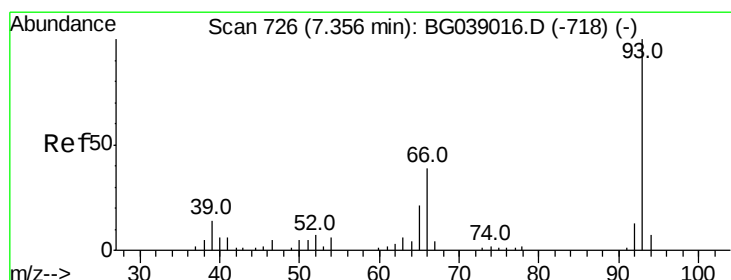
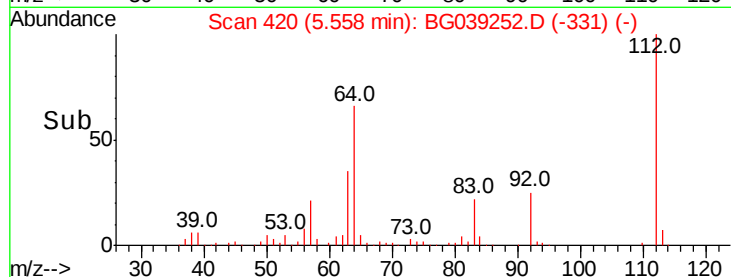
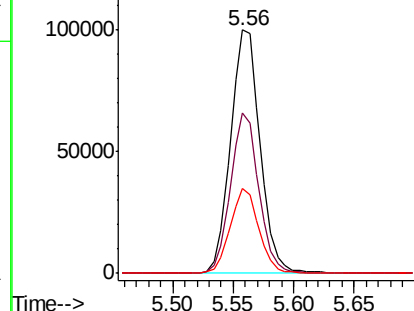
Tot Ion:	112	Resp:	169670
Ion Ratio	Lower	Upper	
112	100		
64	65.8	47.0	70.6
63	34.9	28.0	42.0

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



#6

Aniline

Concen: 31.782 ng

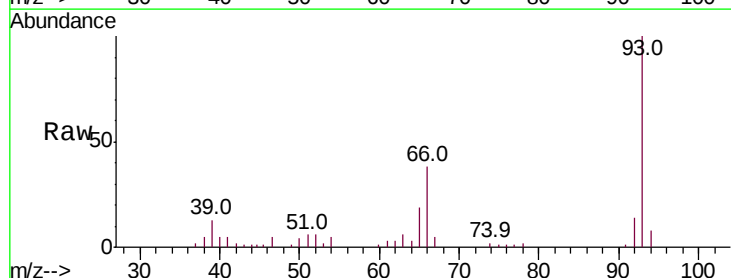
RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

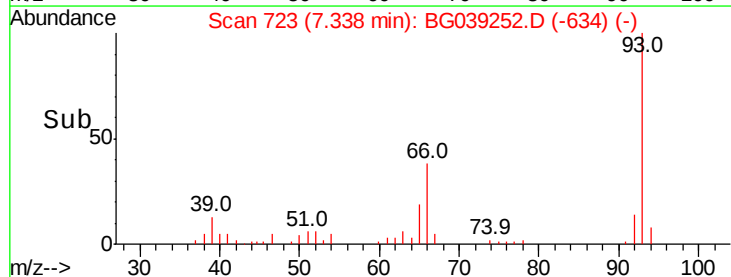
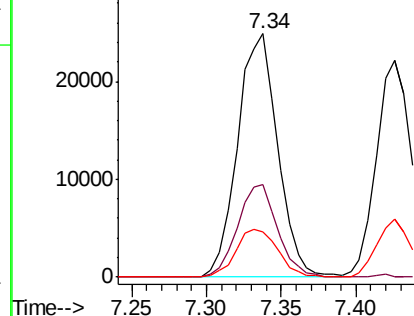
Lab File: BG039252.D

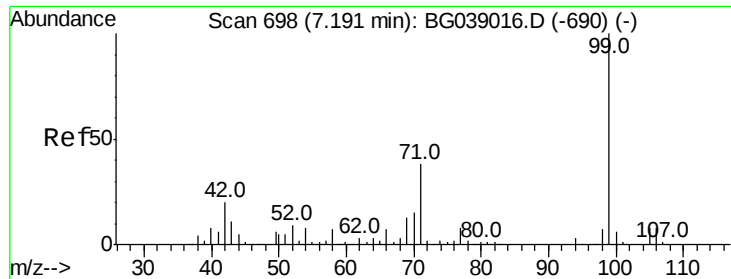
Acq: 22 Jan 2019 15:47

Tgt Ion:	93	Resp:	46417
Ion Ratio	Lower	Upper	
93	100		
66	37.9	30.9	46.3
65	18.6	17.0	25.4



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





#7

Phenol-d6

Concen: 138.541 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

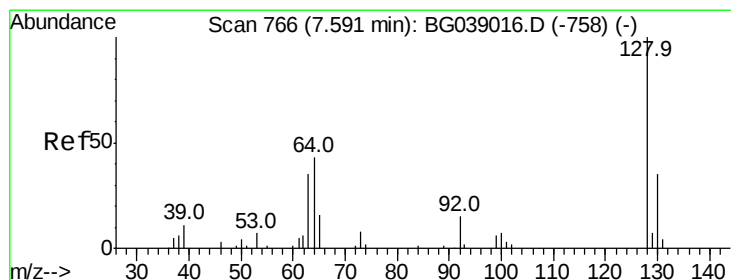
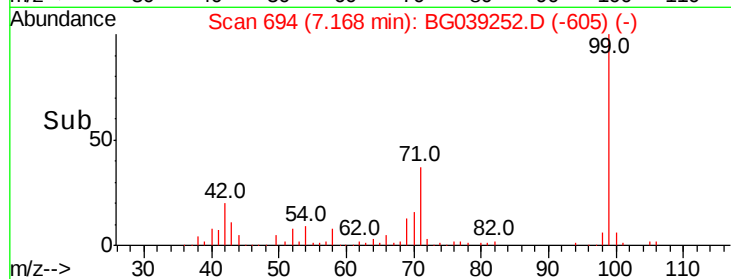
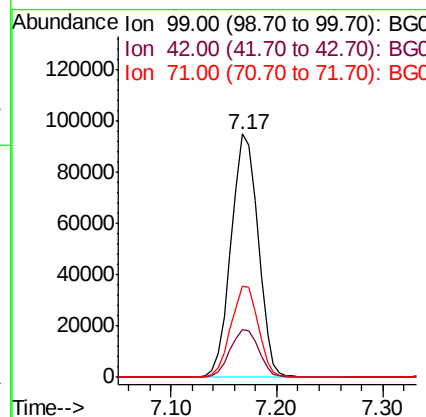
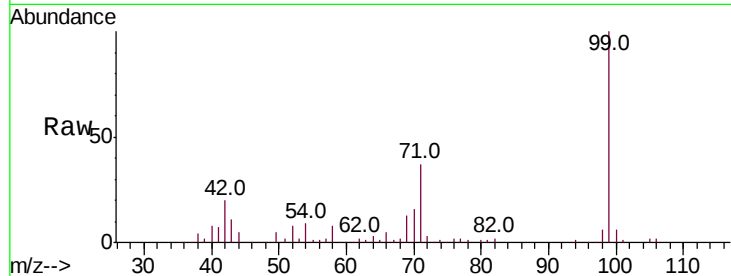
ClientSampleId :

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Tot Ion:	99	Resp:	168480
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	37.2	30.2	45.4

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#8

2-Chlorophenol

Concen: 45.749 ng

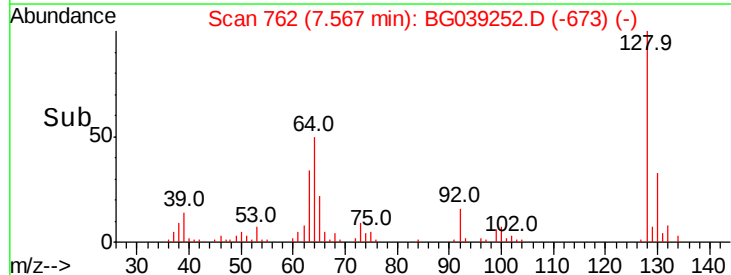
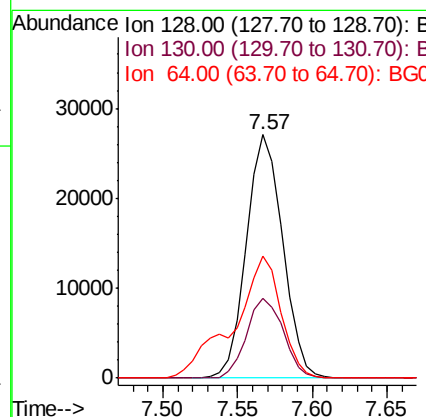
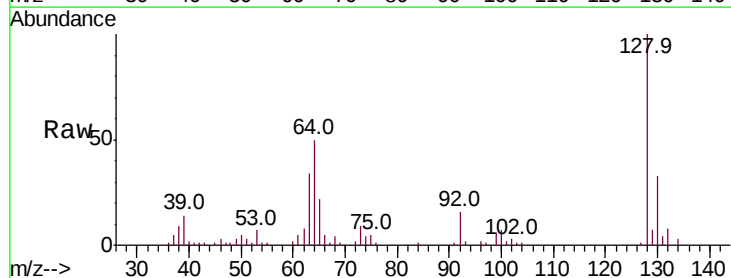
RT: 7.57 min Scan# 762

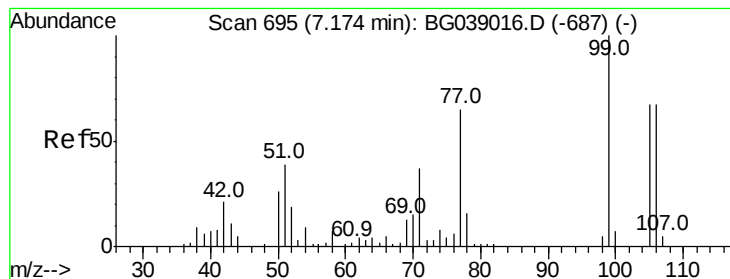
Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	128	Resp:	45571
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.5	54.5
64	50.1	27.3	67.3





#9

Benzaldehyde

Concen: 16.457 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

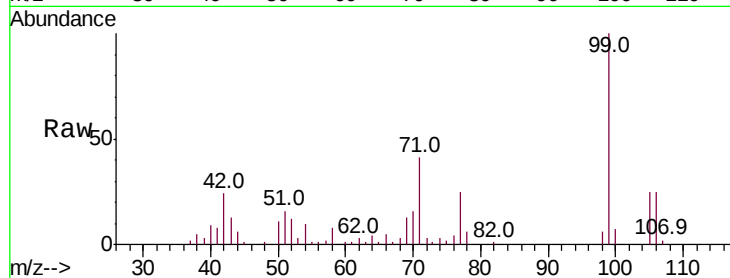
ClientSampleId :

PB116551BSD

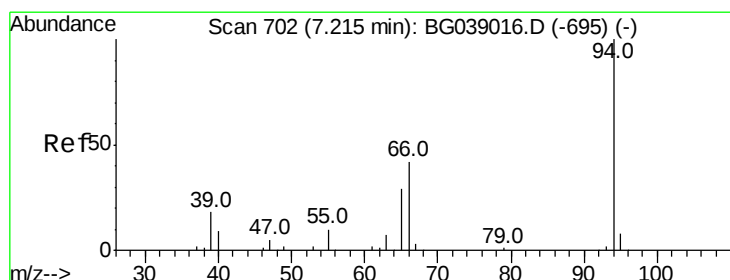
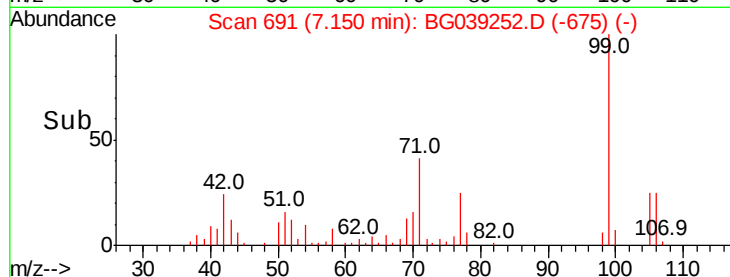
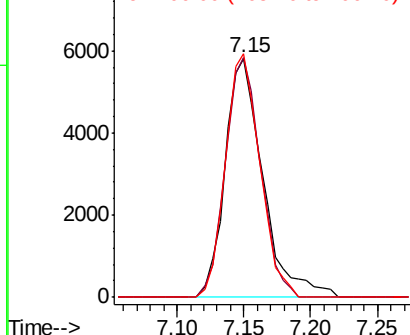
Tot Ion:	77	Resp:	11542
Ion	Ratio	Lower	Upper
77	100		
105	100.4	82.4	122.4
106	101.9	82.8	122.8

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



#10

Phenol

Concen: 45.575 ng

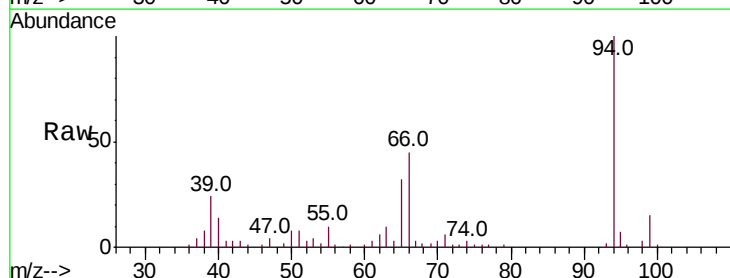
RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

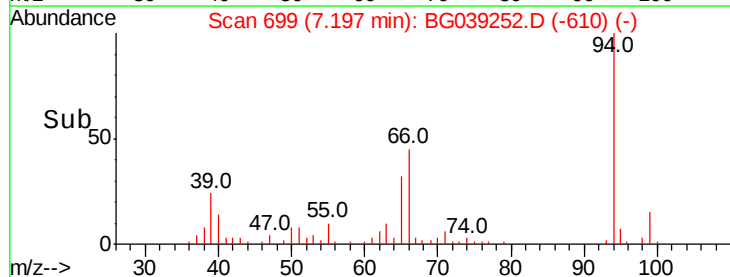
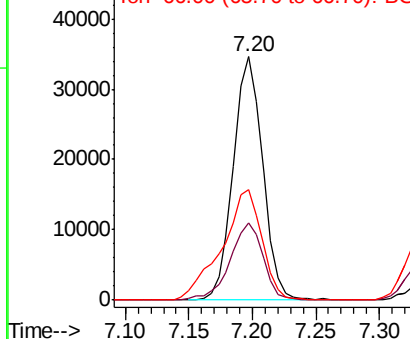
Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	94	Resp:	55567
Ion	Ratio	Lower	Upper
94	100		
65	31.8	10.3	50.3
66	45.5	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





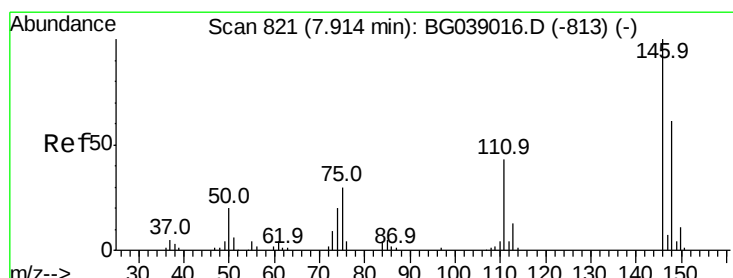
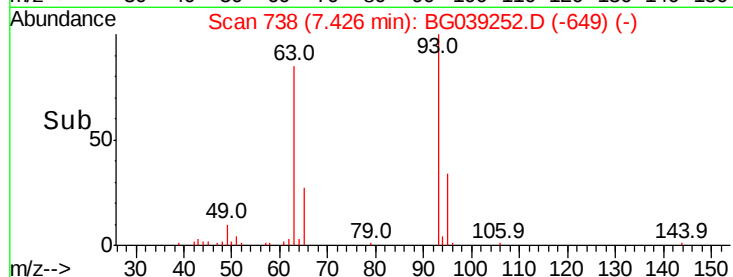
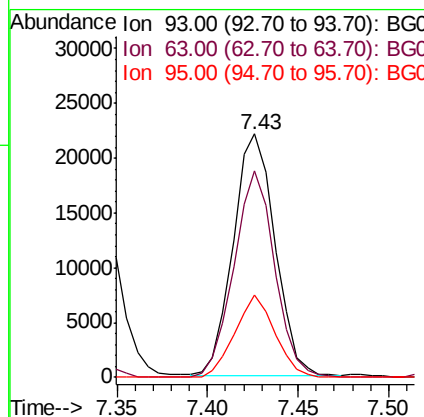
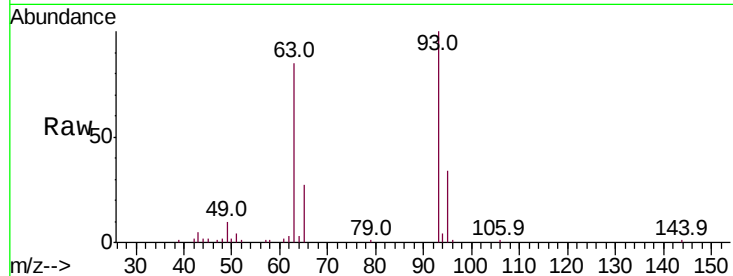
#11
bis(2-Chloroethyl)ether
Concen: 38.097 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	63.2	103.2
95	33.6	11.2	51.2

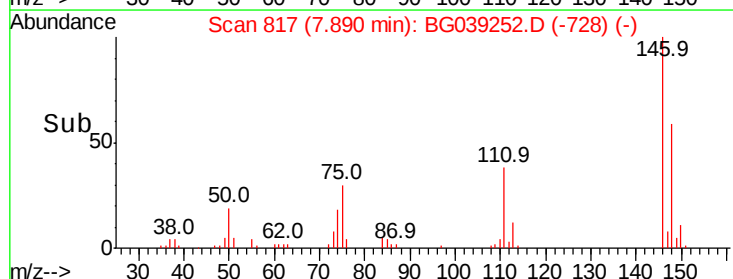
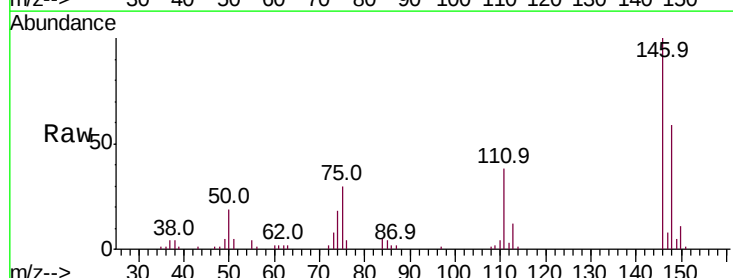
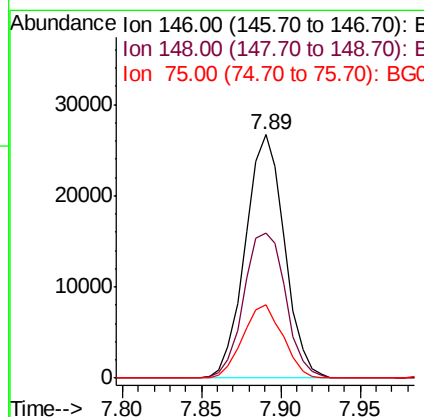
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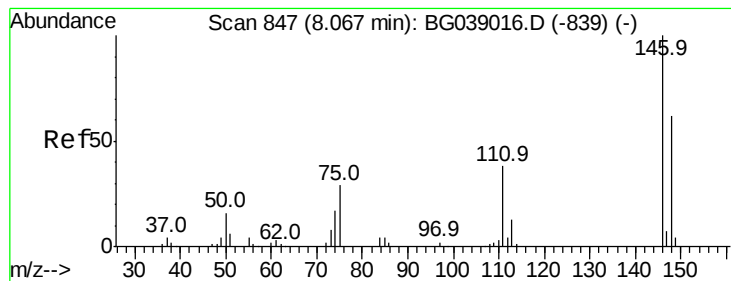
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.415 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.3	49.1	73.7
75	30.4	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.181 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

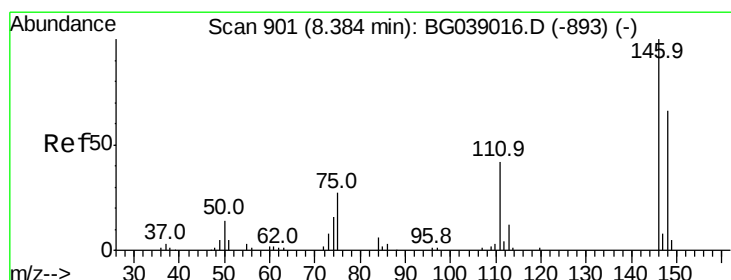
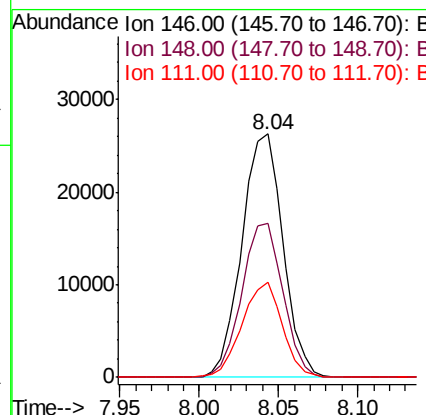
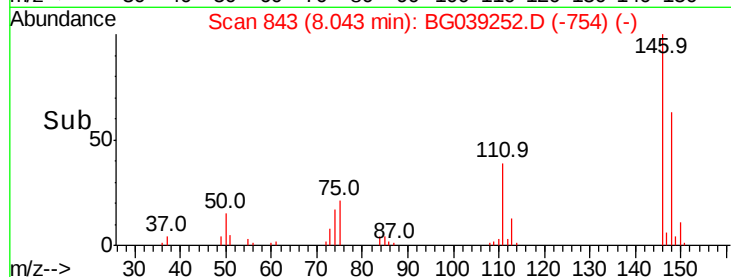
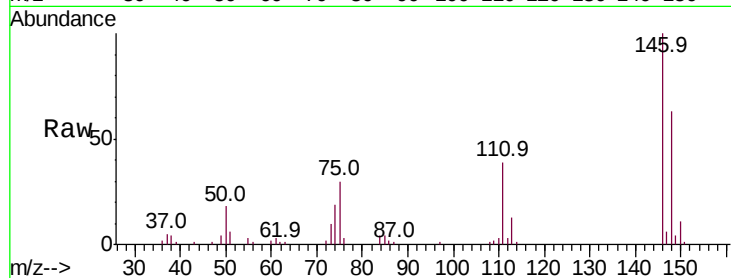
ClientSampleId :

PB116551BSD

Tot Ion:	146	Resp:	47358
Ion Ratio	Lower	Upper	
146	100		
148	63.1	49.8	74.6
111	39.1	30.6	45.8

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#14

1,2-Dichlorobenzene

Concen: 39.716 ng

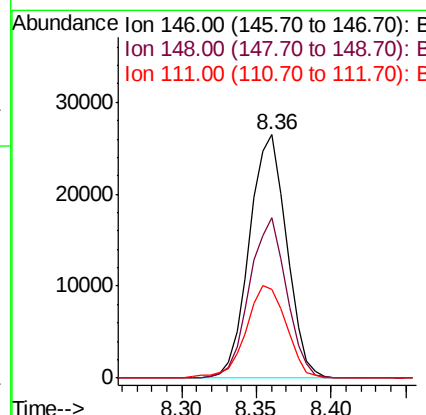
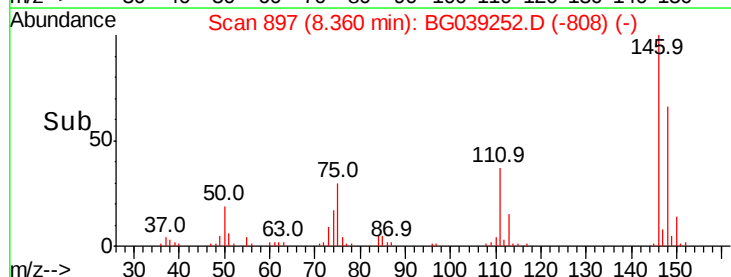
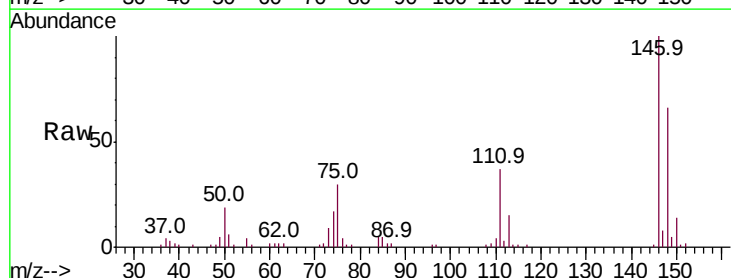
RT: 8.36 min Scan# 897

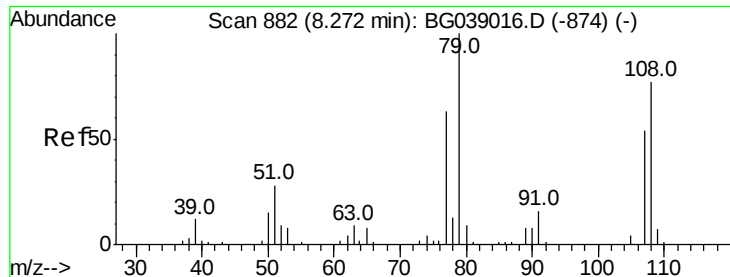
Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	146	Resp:	45771
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.6	79.0
111	36.6	34.6	51.8





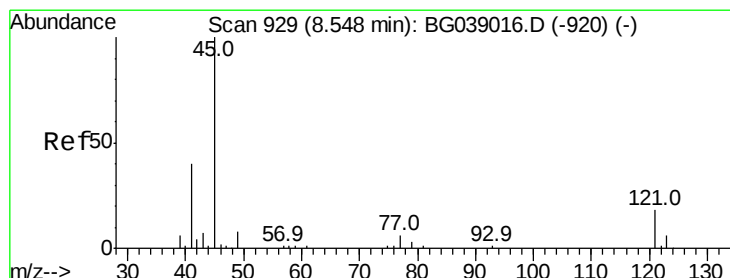
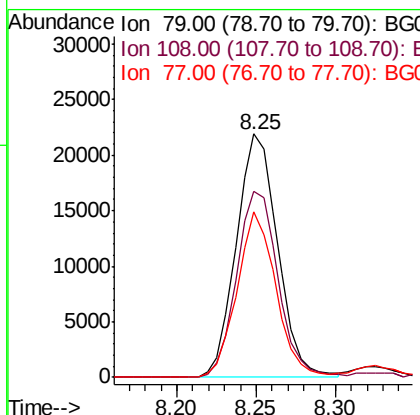
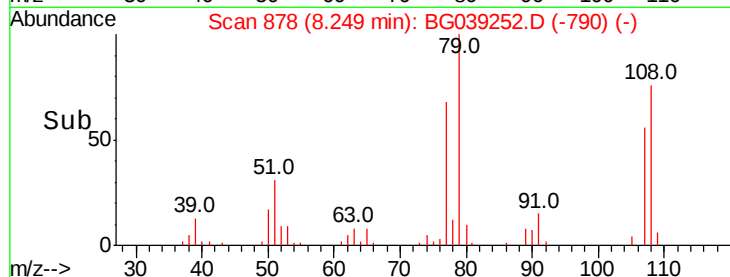
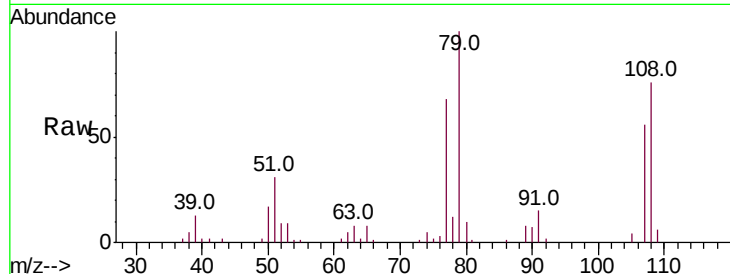
#15
Benzyl Alcohol
Concen: 43.293 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	62.0	93.0
77	67.9	50.1	75.1

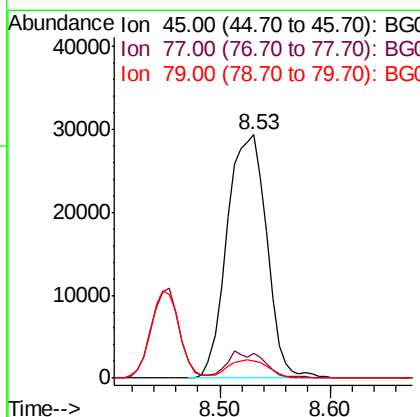
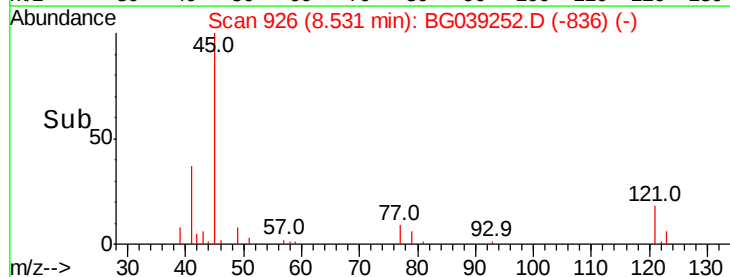
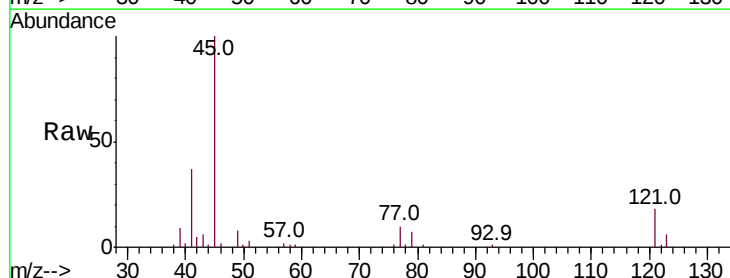
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.360 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.7
79	6.8	0.0	28.5





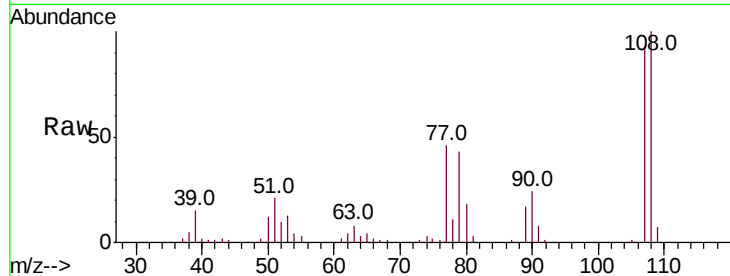
#17
2-Methylphenol
Concen: 45.524 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion:	107	Resp:	38541
Ion Ratio	Lower	Upper	
107	100		
108	107.3	90.3	135.5
77	49.7	38.3	57.5
79	45.9	35.8	53.6

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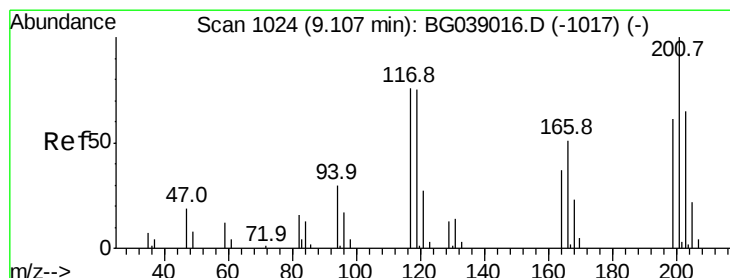
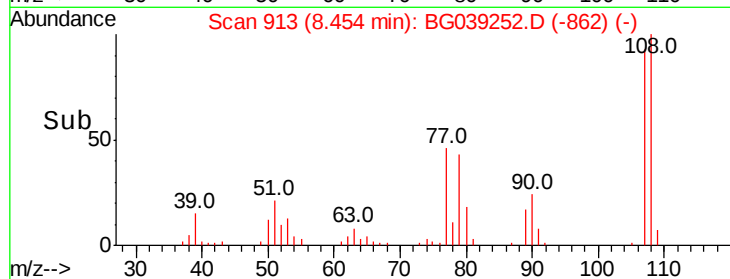
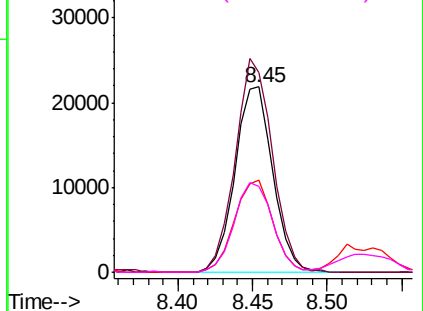
Abundance

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: 39.660 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

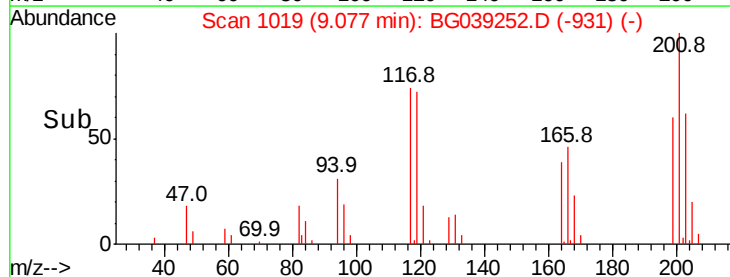
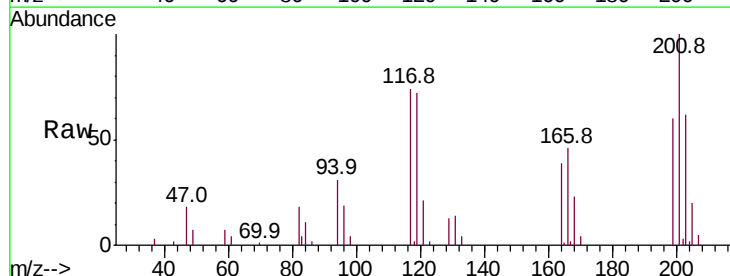
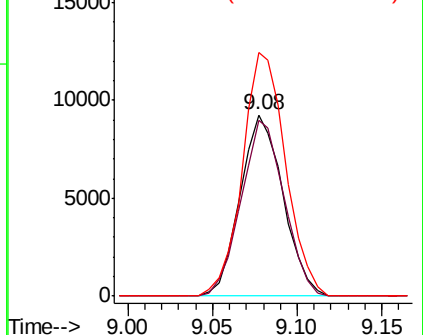
Tgt Ion:	117	Resp:	16286
Ion Ratio	Lower	Upper	
117	100		
119	97.5	78.7	118.1
201	134.6	108.1	162.1

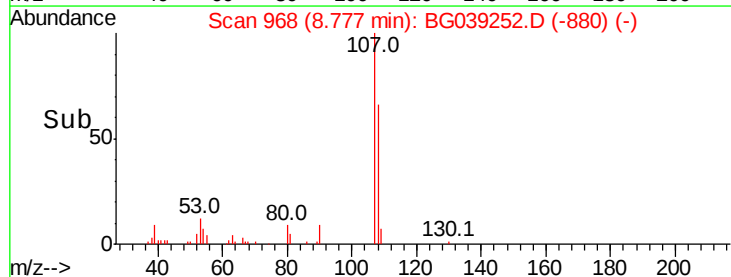
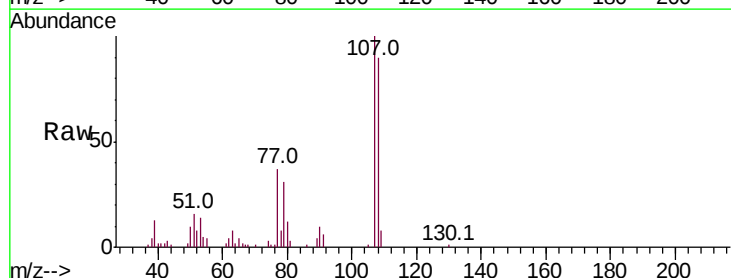
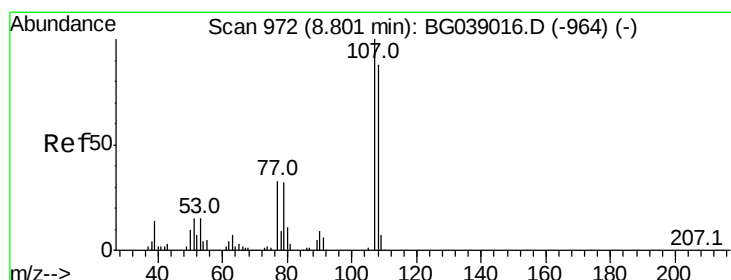
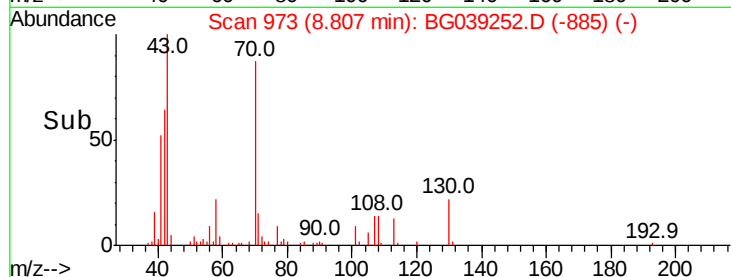
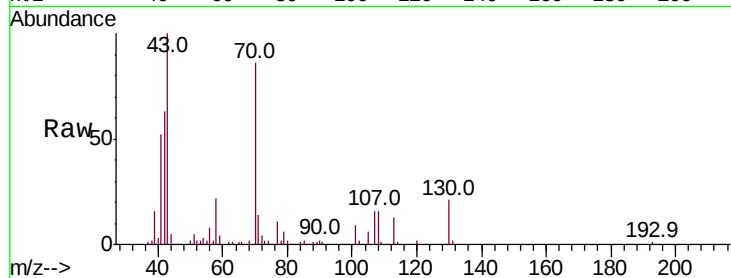
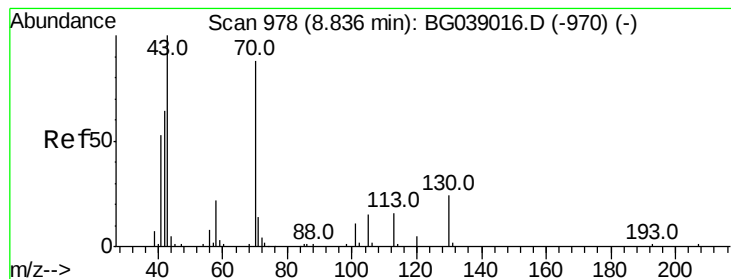
Abundance

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: 38.199 ng

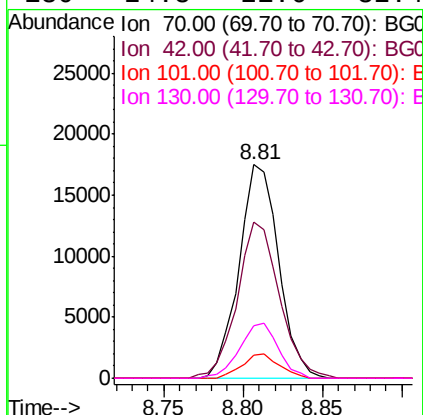
RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.2	59.0	88.4
101	10.5	10.4	15.6
130	24.8	21.6	32.4



Instrument :

BNA_G

ClientSampleId :

PB116551BSD

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#20

3+4-Methylphenols

Concen: 43.559 ng

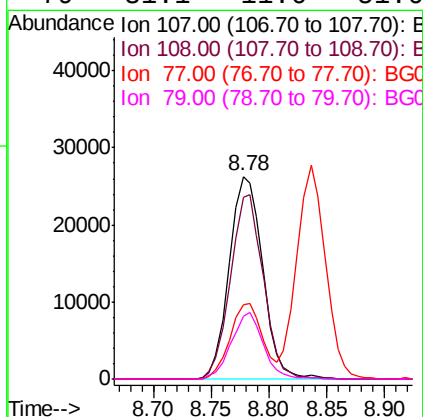
RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.4	108.4
77	36.7	13.3	53.3
79	31.1	11.6	51.6





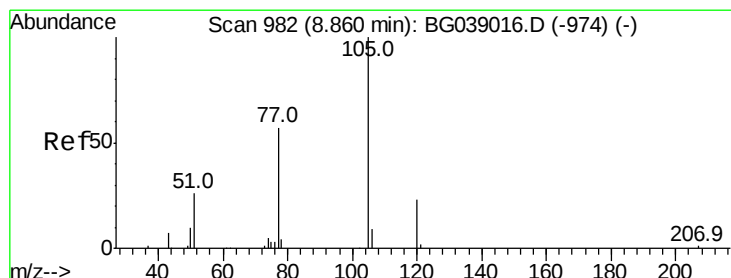
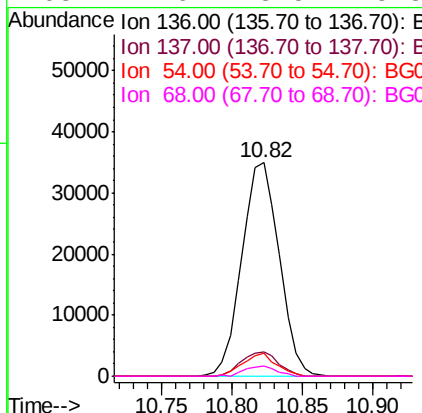
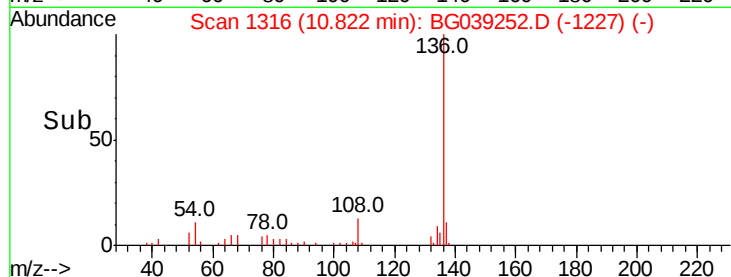
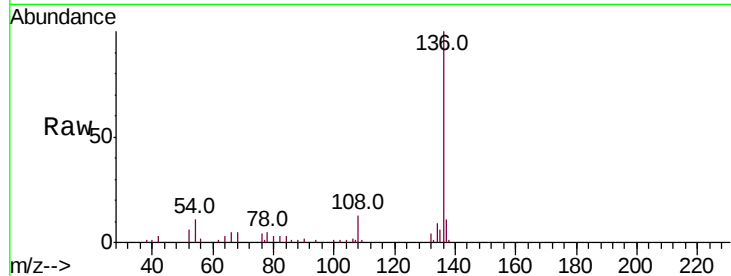
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	64976		
137	11.2		9.4	14.2
54	10.5		7.2	10.8
68	4.6		3.5	5.3

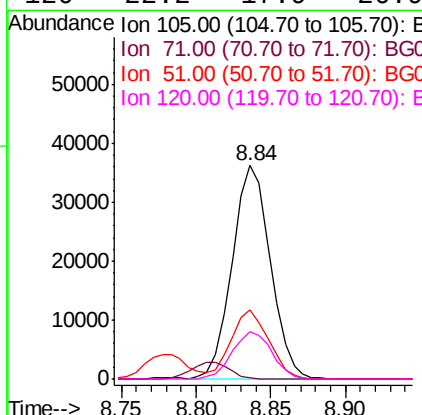
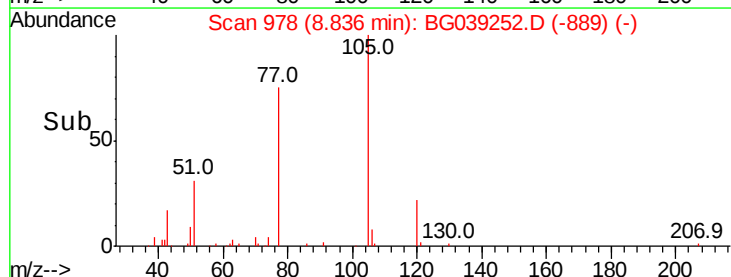
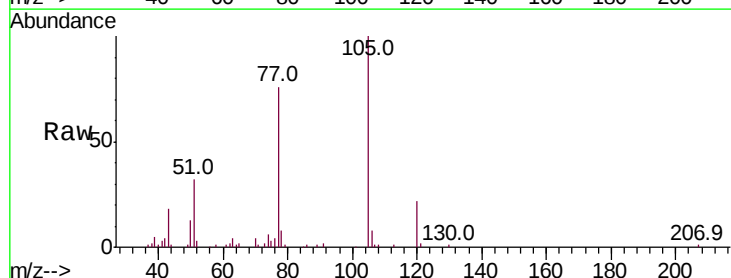
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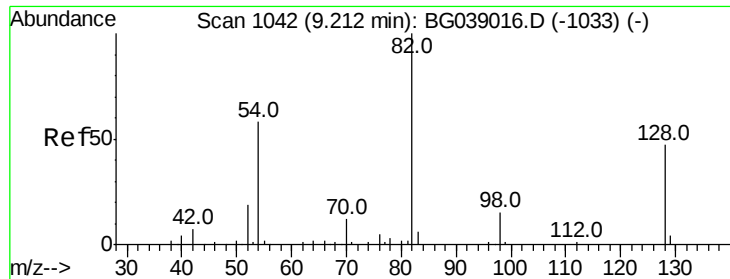
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#22
Acetophenone
Concen: 38.033 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64536		
71	0.8		0.6	1.0
51	32.1		26.6	39.8
120	22.2		17.9	26.9





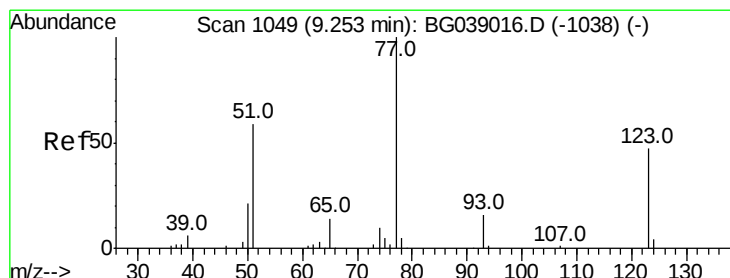
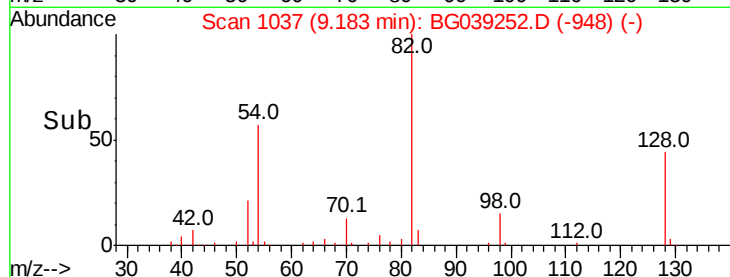
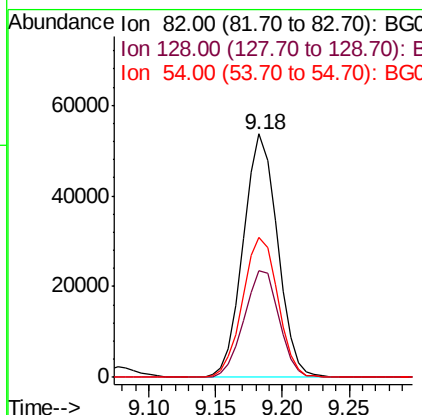
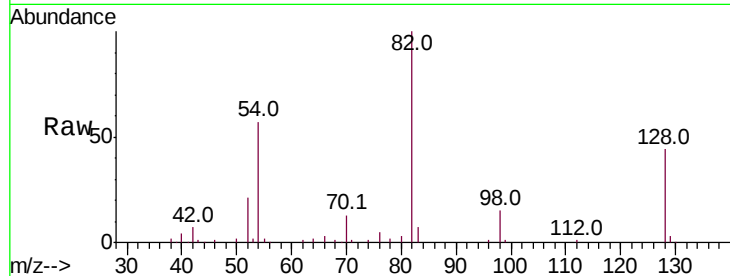
#23
Nitrobenzene-d5
Concen: 80.183 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.3	55.9
54	57.3	46.4	69.6

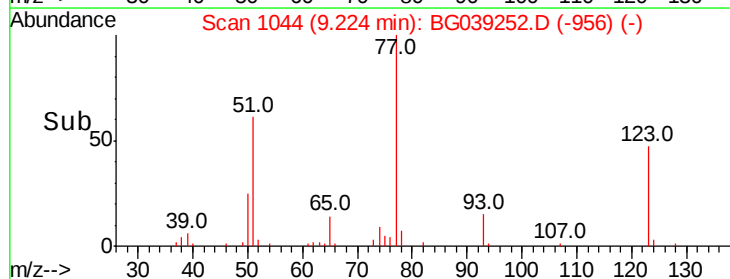
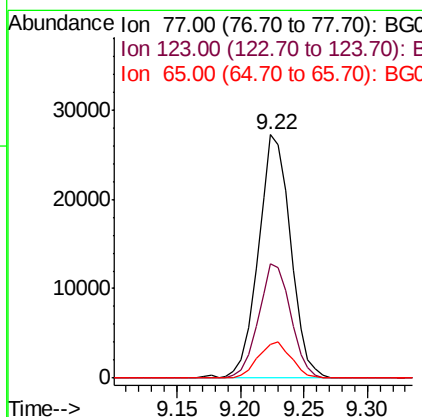
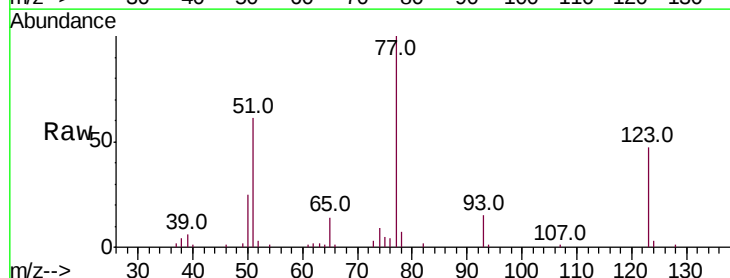
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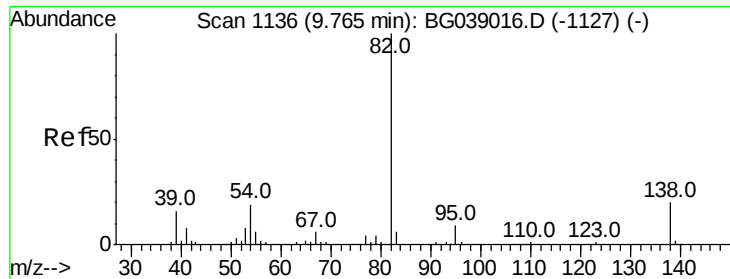
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#24
Nitrobenzene
Concen: 40.077 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.6	56.4
65	13.9	11.0	16.6





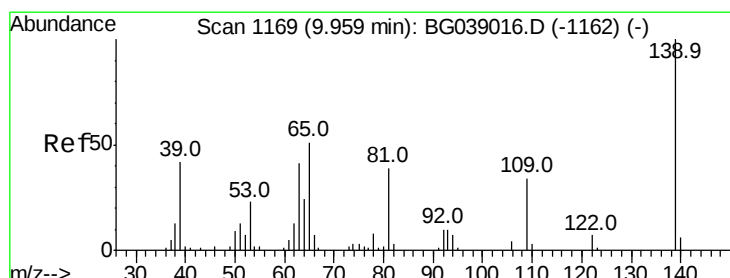
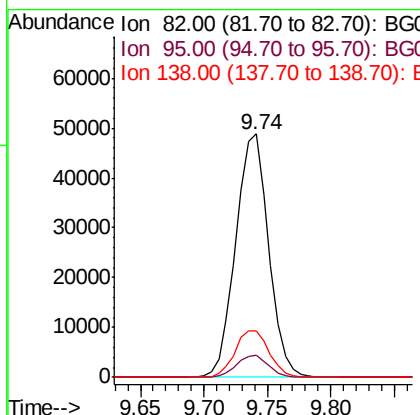
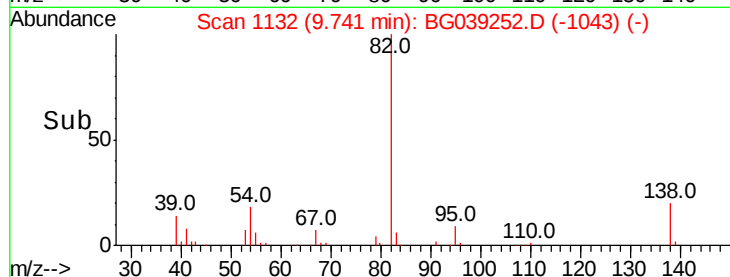
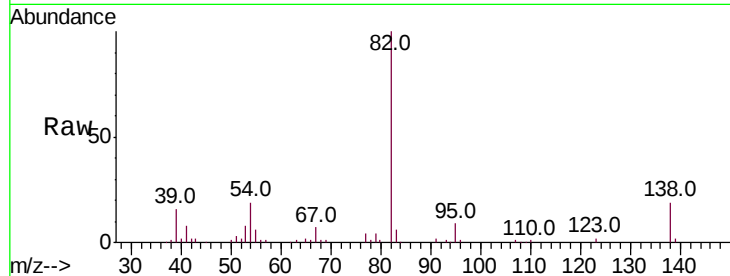
#25
Isophorone
Concen: 42.943 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.0	7.0	10.6
138	19.3	16.2	24.4

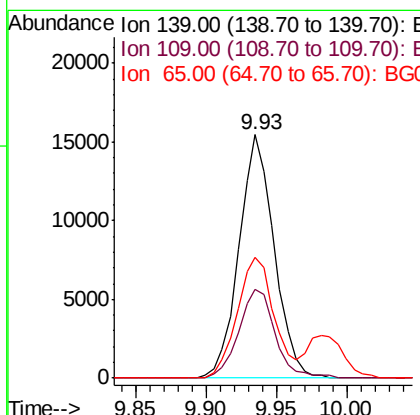
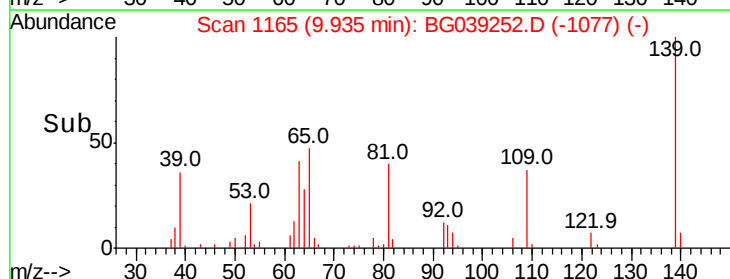
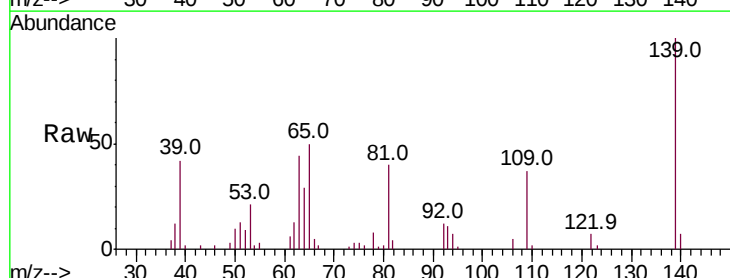
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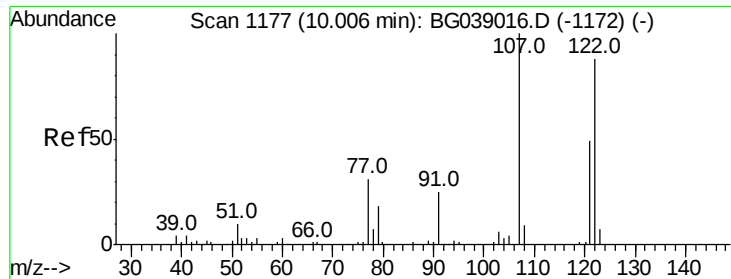
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#26
2-Nitrophenol
Concen: 41.293 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	36.7	27.3	40.9
65	49.6	40.6	61.0





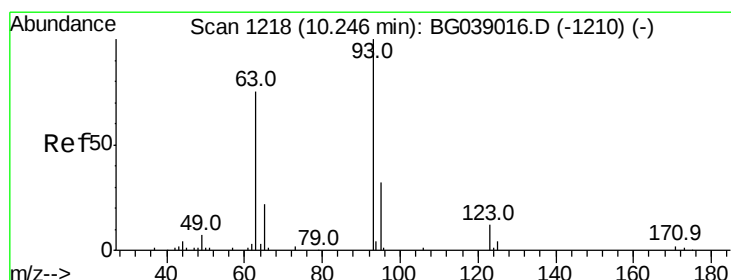
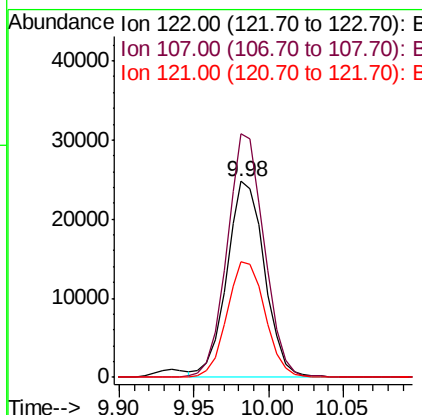
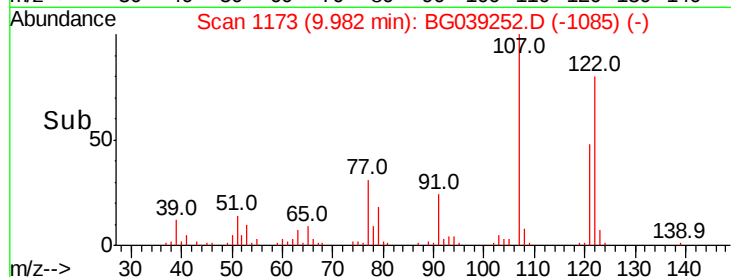
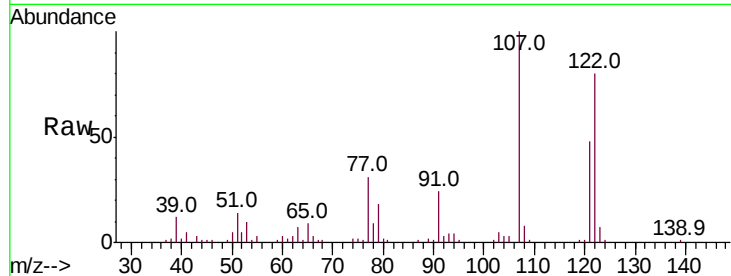
#27
2,4-Dimethylphenol
Concen: 47.947 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.5	88.8	133.2		
121	59.3	43.1	64.7		

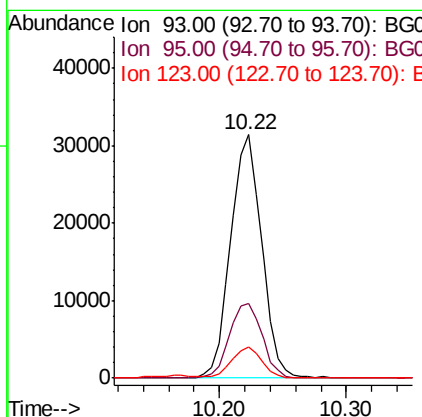
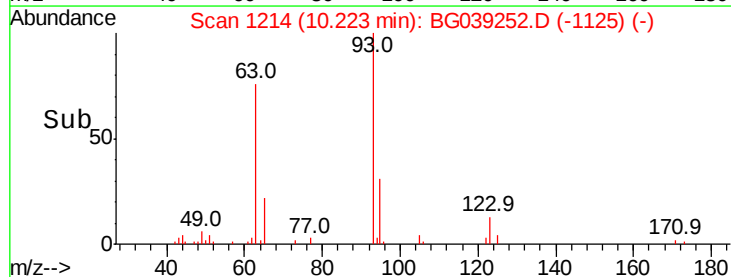
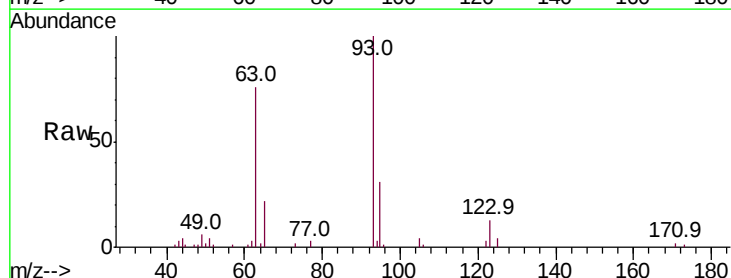
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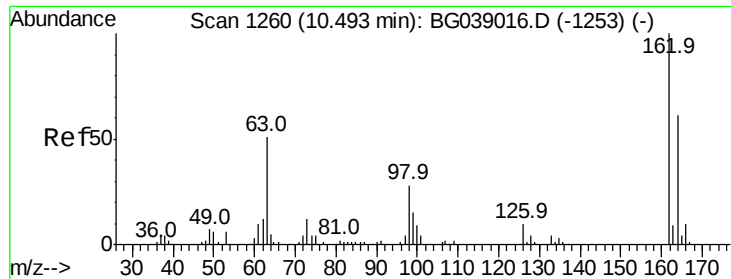
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#28
bis(2-Chloroethoxy)methane
Concen: 43.176 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	30.6	25.6	38.4		
123	12.5	10.1	15.1		





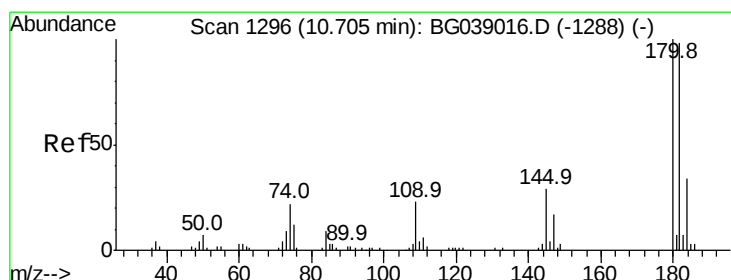
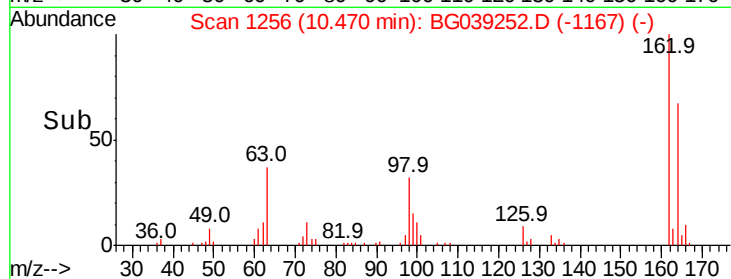
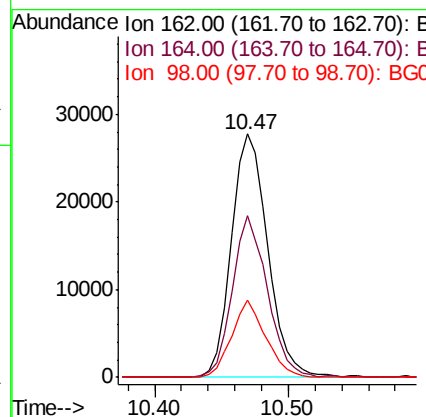
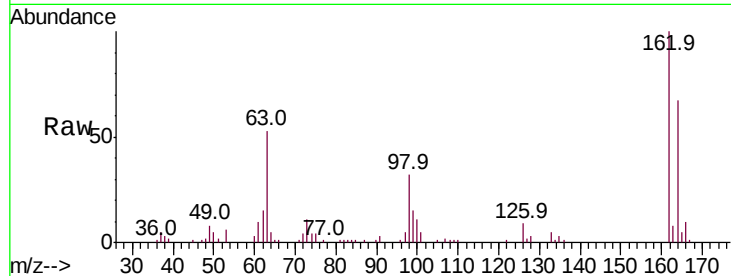
#29
 2,4-Dichlorophenol
 Concen: 46.398 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	41.3	81.3
98	31.7	8.3	48.3

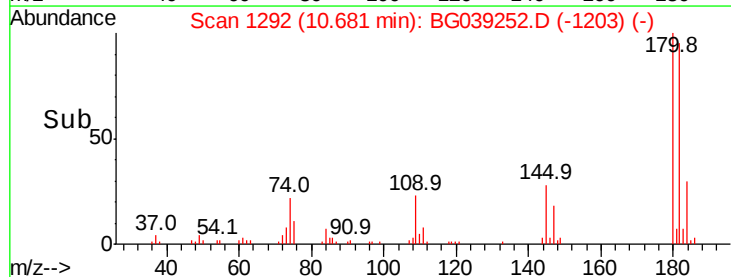
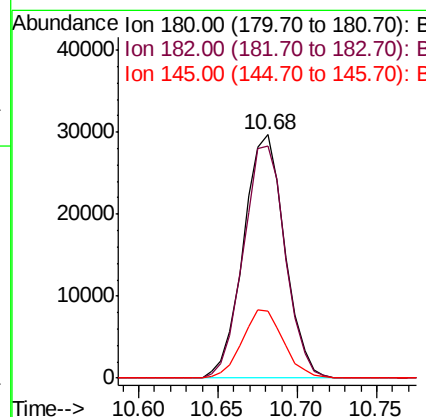
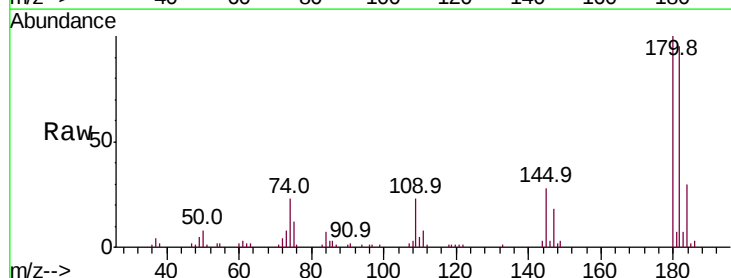
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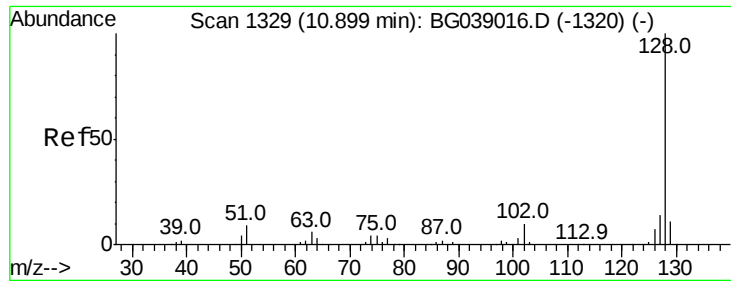
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.407 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.1	117.1
145	27.7	23.1	34.7





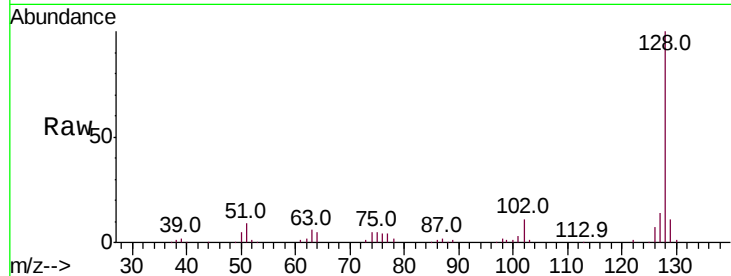
#31
Naphthalene
Concen: 42.967 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	14.0	11.2	16.8

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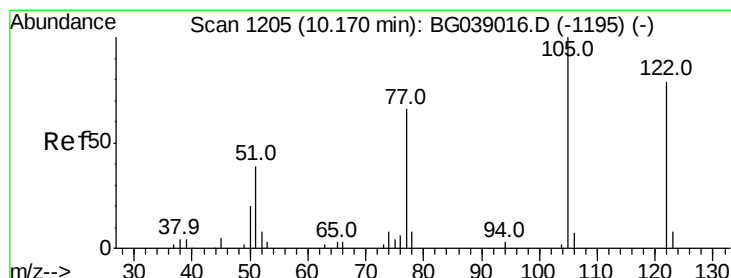
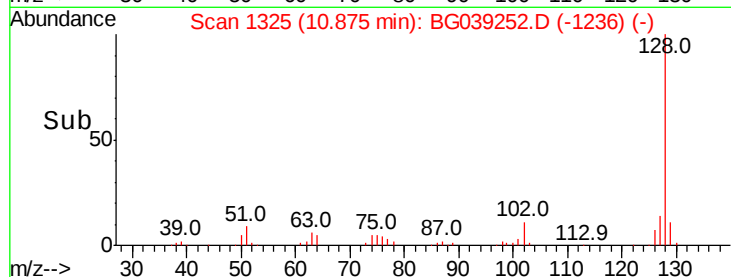
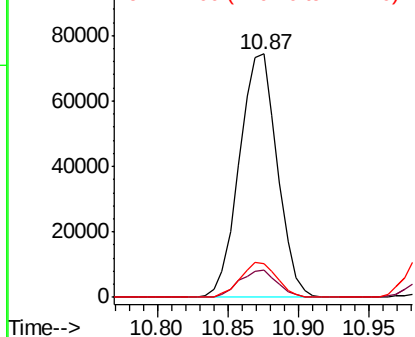


Abundance

Ion 128.00 (127.70 to 128.70): E

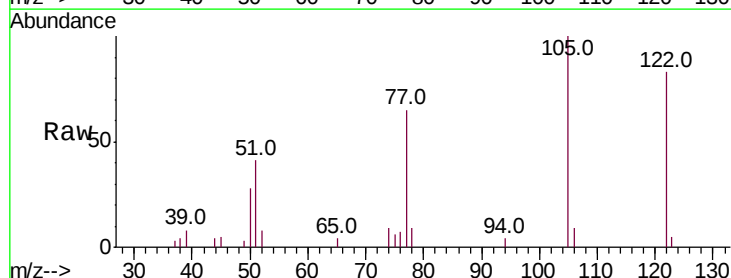
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.042 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	106.4	146.4
77	78.6	63.6	103.6

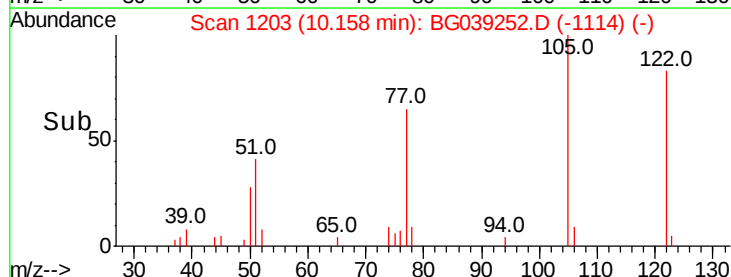
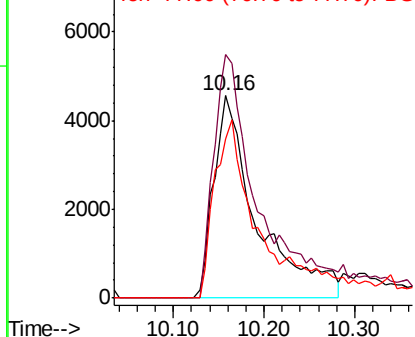


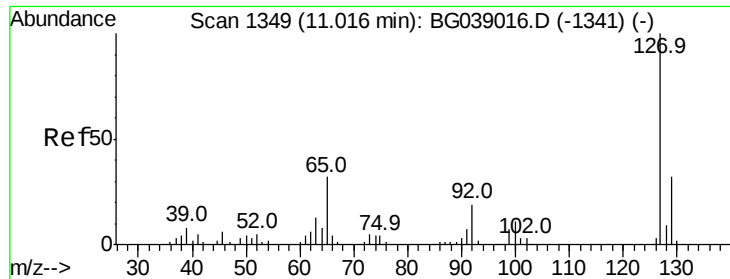
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





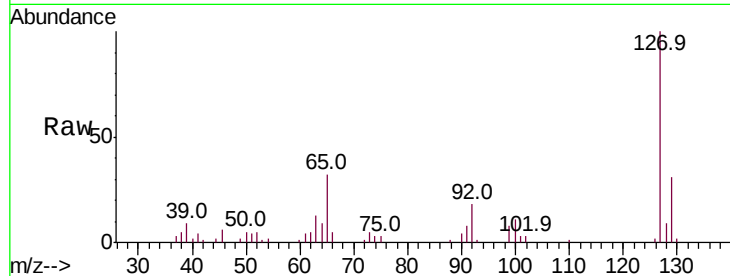
#33
4-Chloroaniline
Concen: 23.436 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.0
65	32.3	25.4	38.0
92	18.2	15.2	22.8

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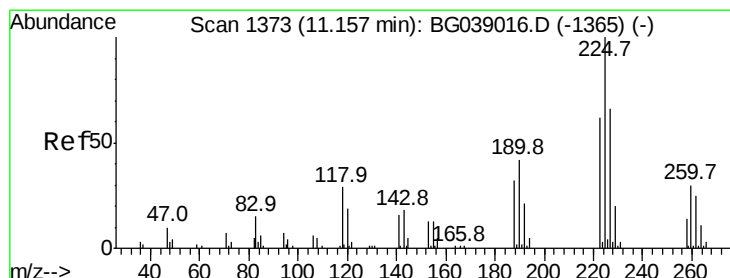
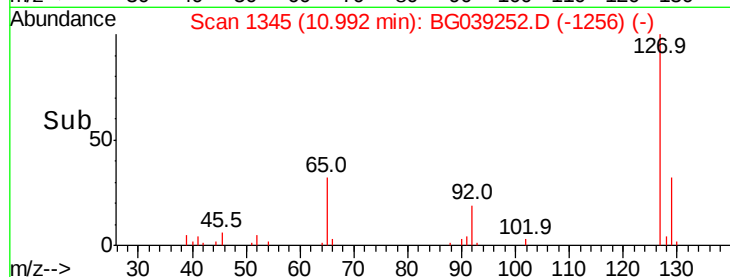
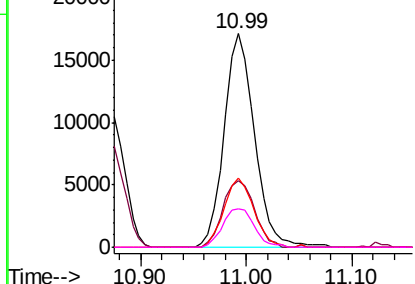
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

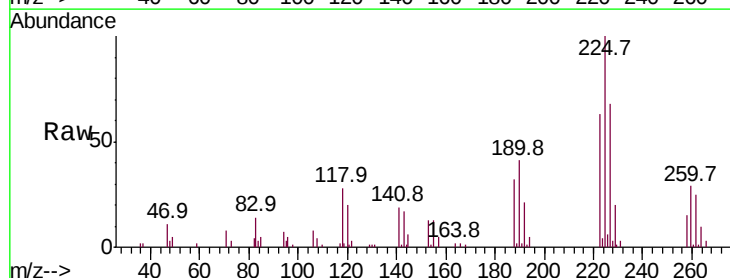
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.604 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	50.2	75.4
227	66.9	53.2	79.8

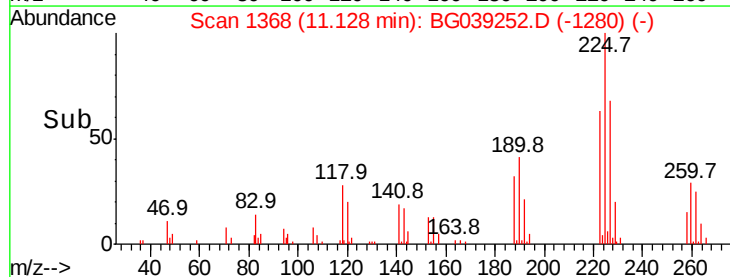
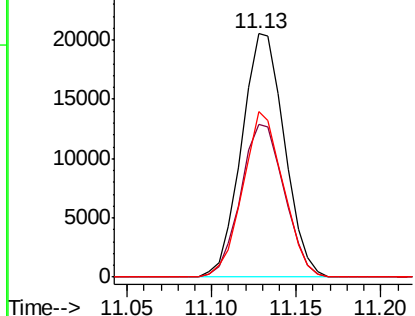


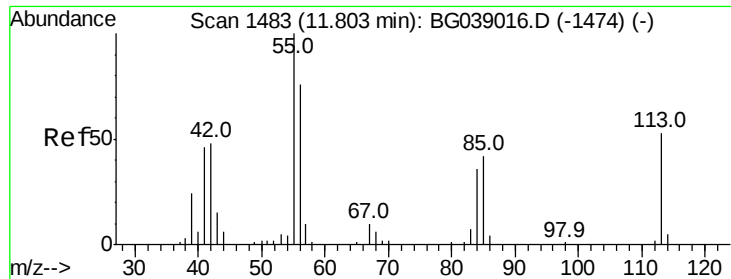
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





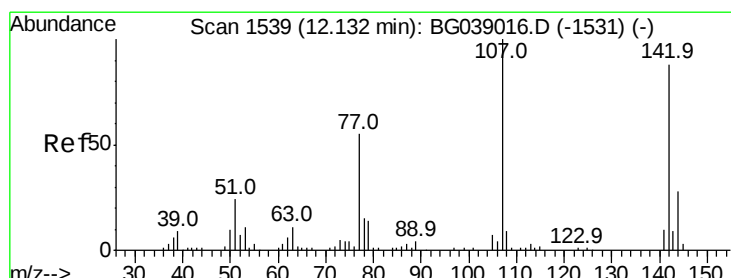
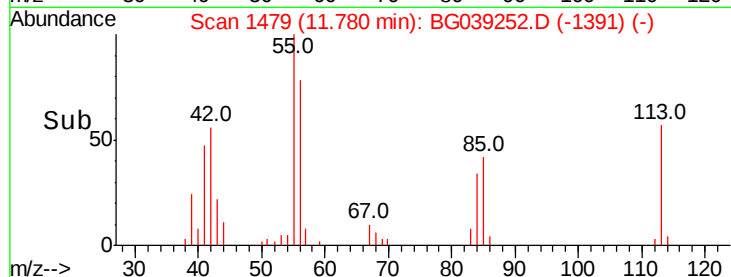
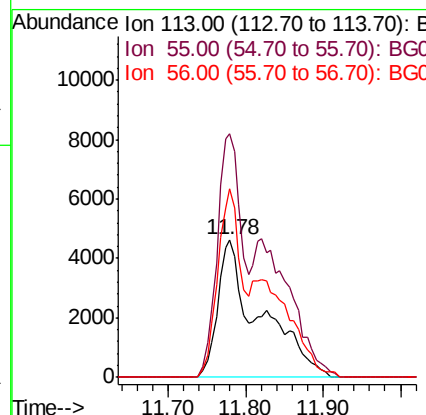
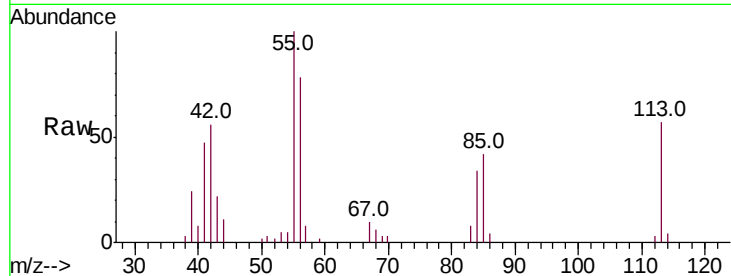
#35
Caprolactam
Concen: 38.431 ng/ml
RT: 11.78 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleID :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.8	168.6	208.6
56	137.1	123.2	163.2

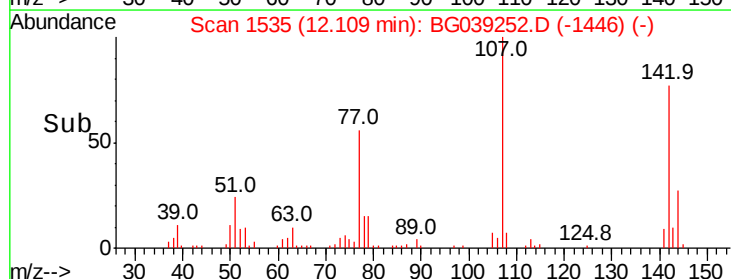
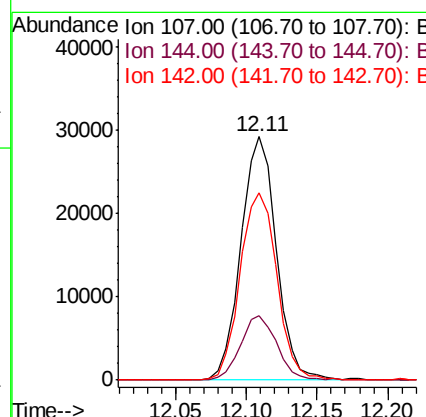
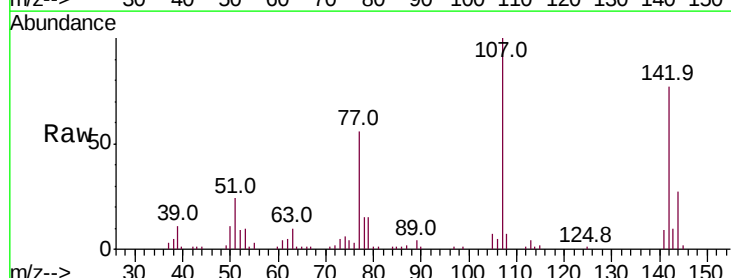
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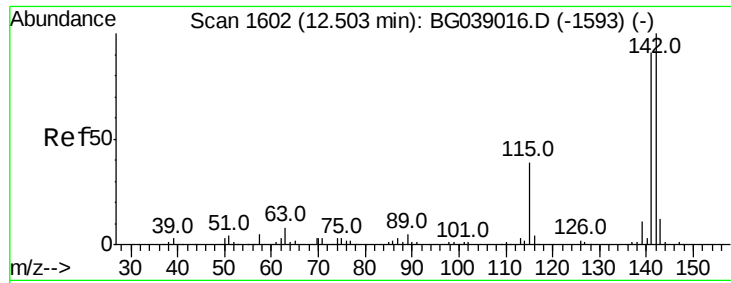
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#36
4-Chloro-3-methylphenol
Concen: 42.301 ng/ml
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.6	34.0
142	76.7	70.2	105.4





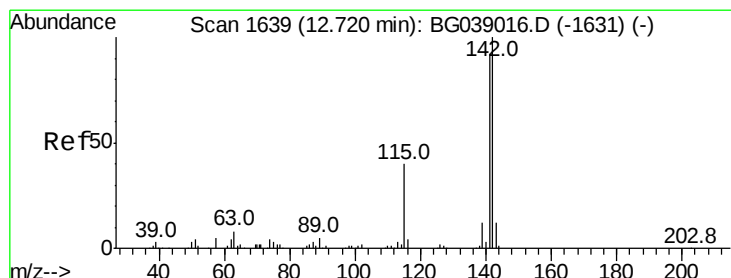
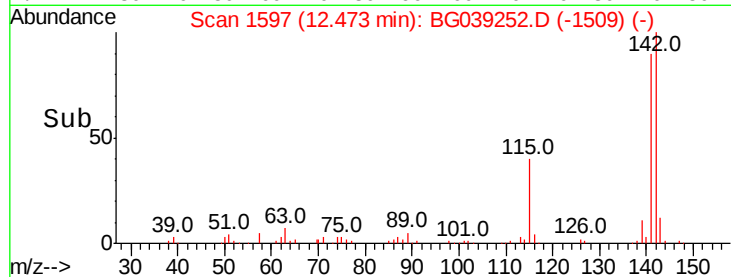
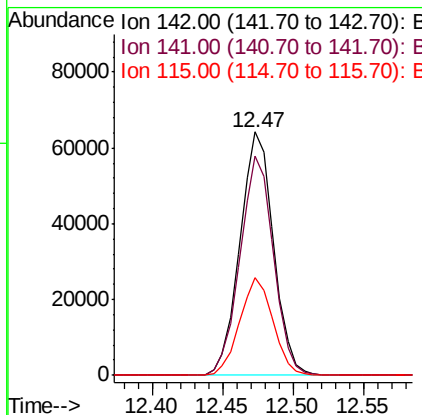
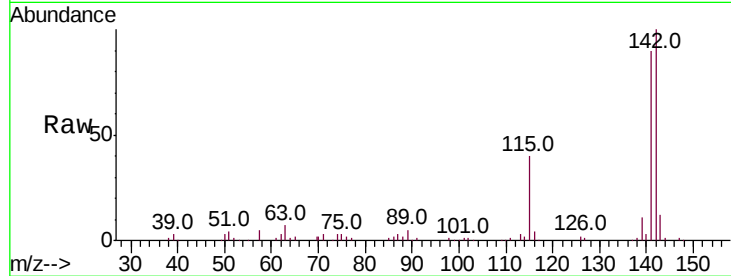
#37
 2-Methylnaphthalene
 Concen: 43.587 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	109.0
115	40.4	31.1	46.7

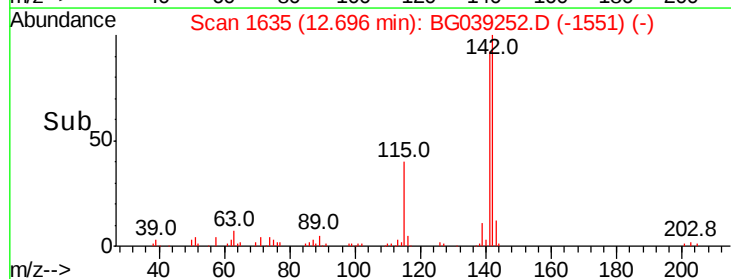
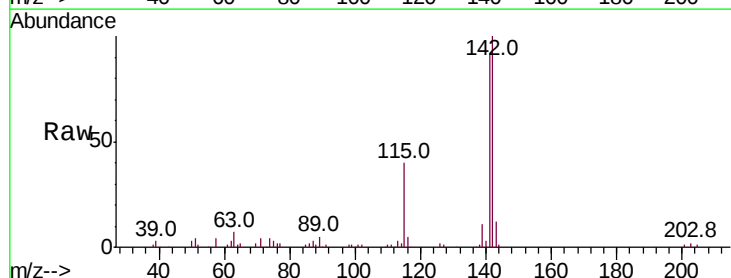
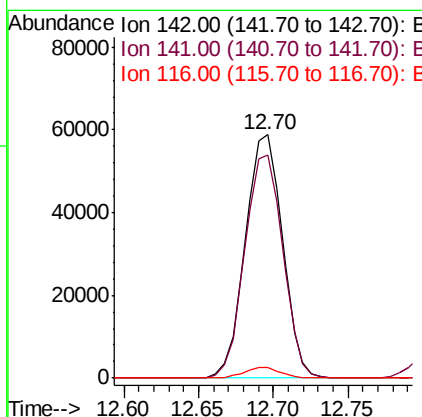
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#38
 1-Methylnaphthalene
 Concen: 43.282 ng
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

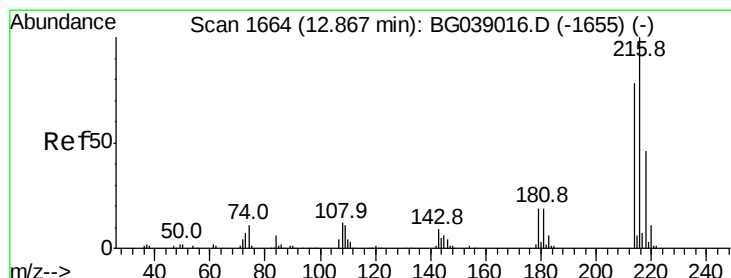
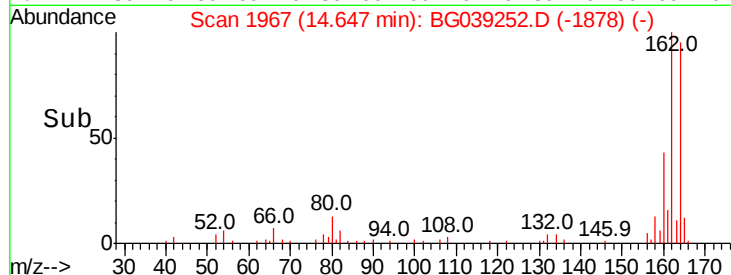
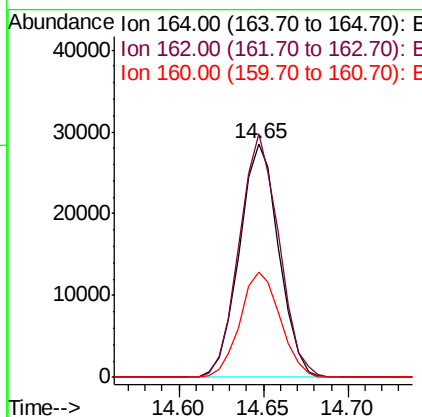
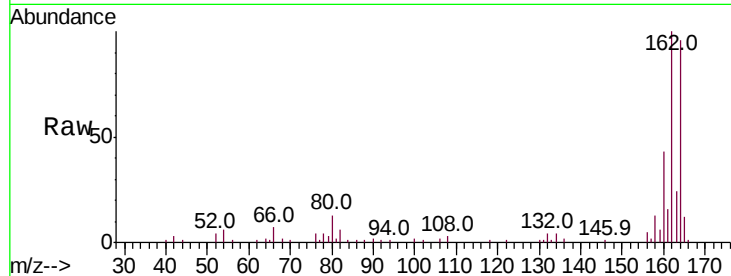
ClientSampleId :

PB116551BSD

Tot Ion:	164	Resp:	46225
Ion Ratio	Lower	Upper	
164	100		
162	104.1	87.2	130.8
160	45.0	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.055 ng

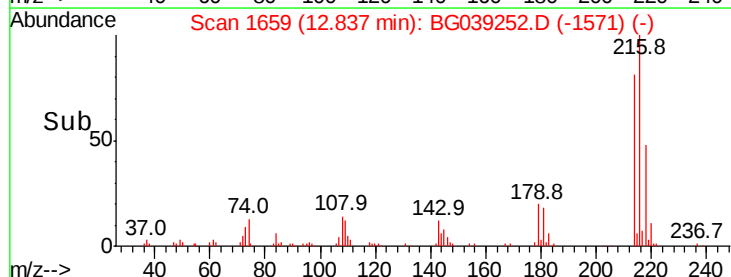
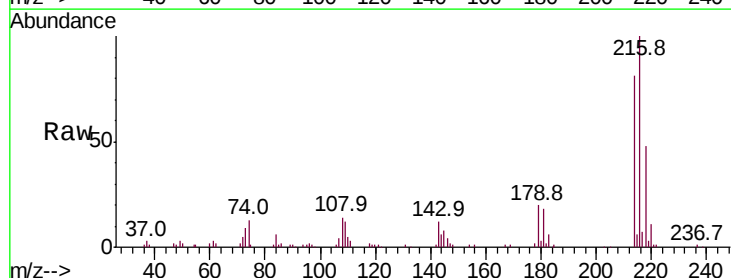
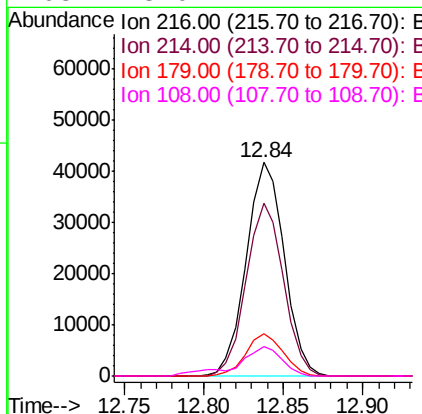
RT: 12.84 min Scan# 1659

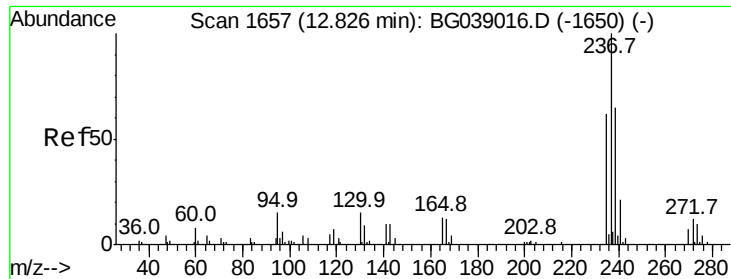
Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	216	Resp:	69536
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.2
179	19.3	15.5	23.3
108	13.0	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 74.606 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

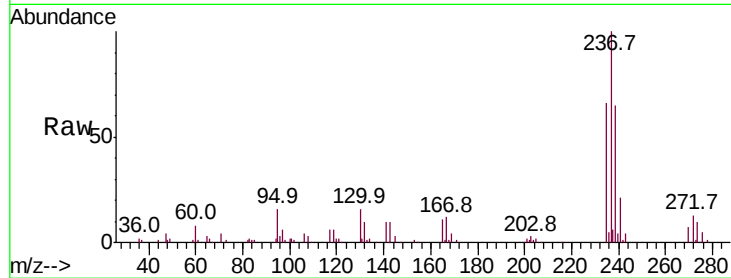
ClientSampleId :

PB116551BSD

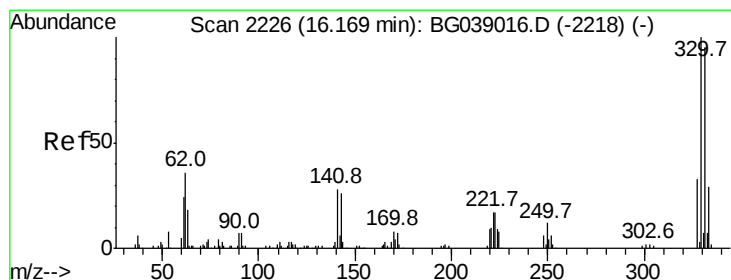
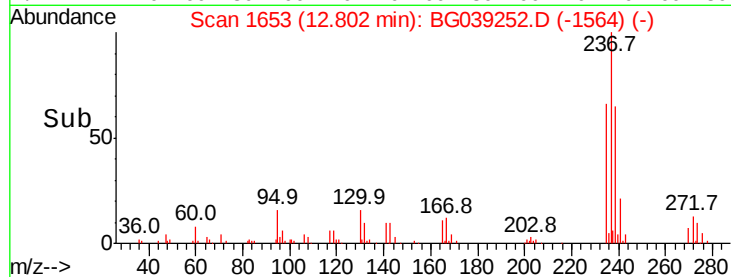
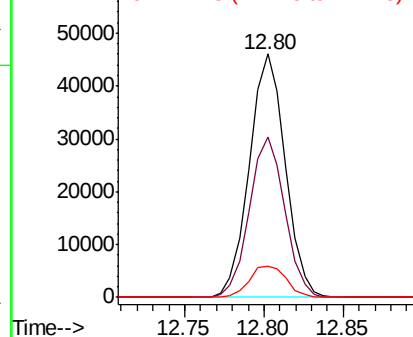
Tot Ion:	237	Resp:	72538
Ion Ratio	Lower	Upper	
237	100		
235	65.7	41.7	81.7
272	13.0	0.0	32.1

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



#42

2,4,6-Tribromophenol

Concen: 131.630 ng

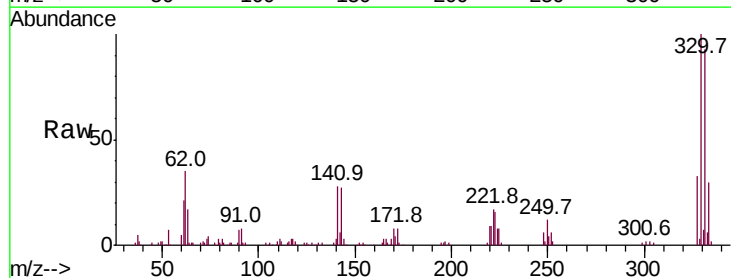
RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

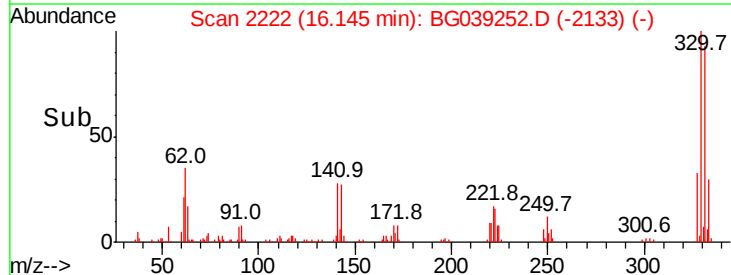
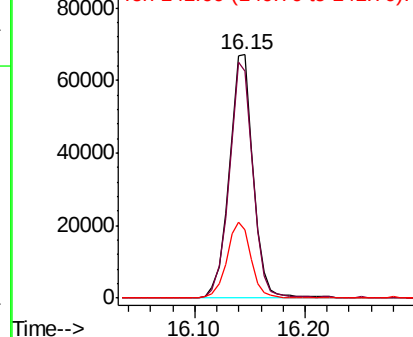
Lab File: BG039252.D

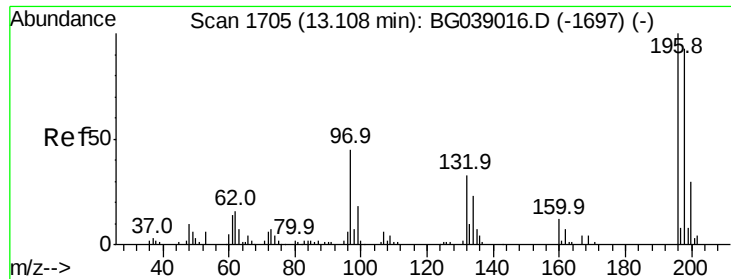
Acq: 22 Jan 2019 15:47

Tgt Ion:	330	Resp:	101995
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	31.1	24.9	37.3



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





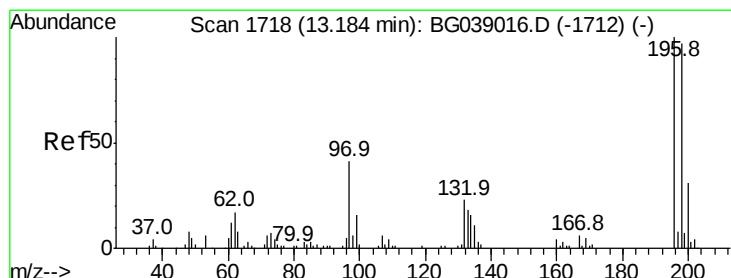
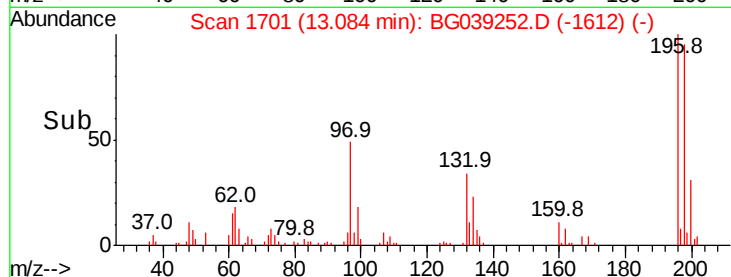
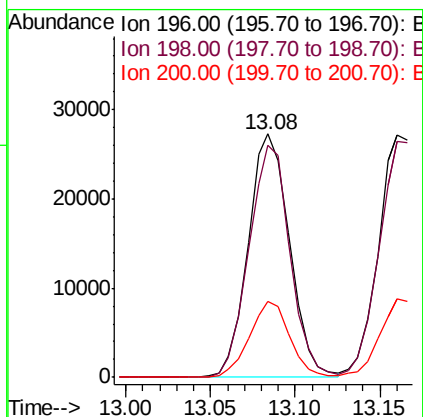
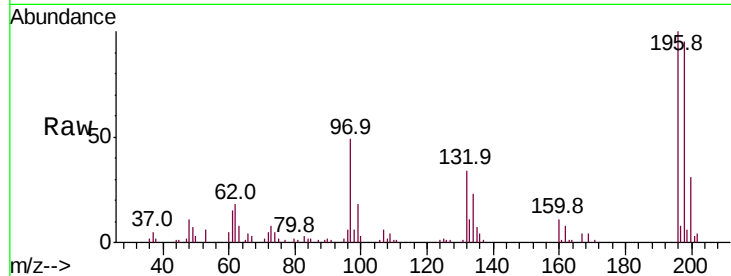
#43
 2,4,6-Trichlorophenol
 Concen: 42.356 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampled :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	46278		
198	95.4		74.5	111.7
200	31.3		23.8	35.6

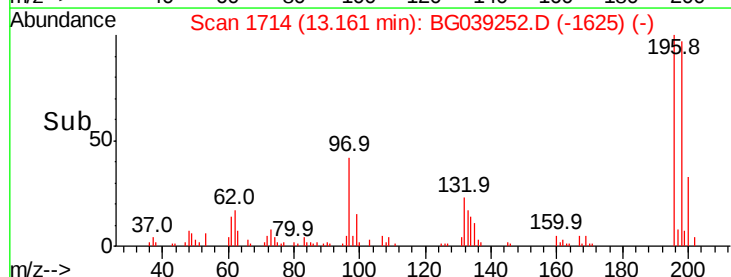
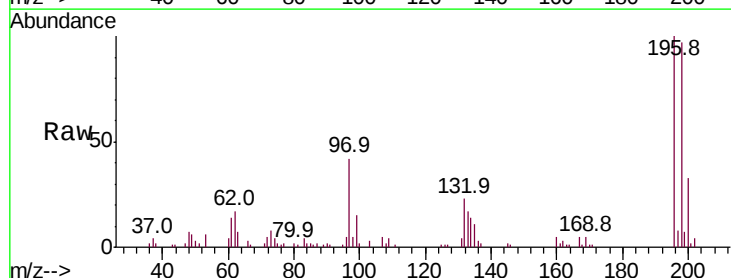
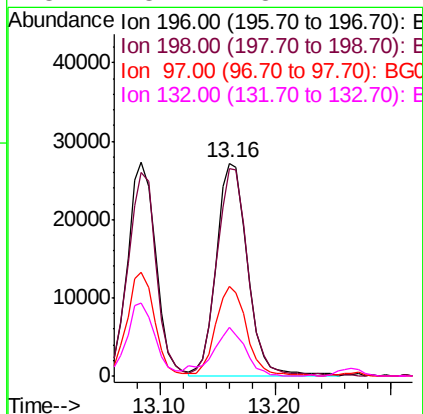
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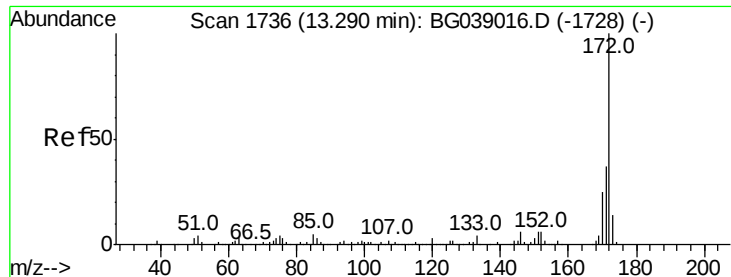
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#44
 2,4,5-Trichlorophenol
 Concen: 44.274 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51127		
198	97.5		78.1	117.1
97	42.3		33.2	49.8
132	23.2		18.2	27.4





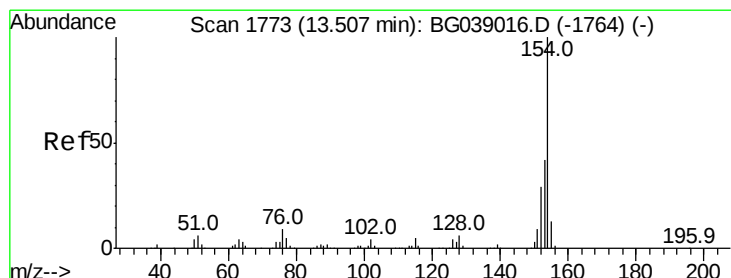
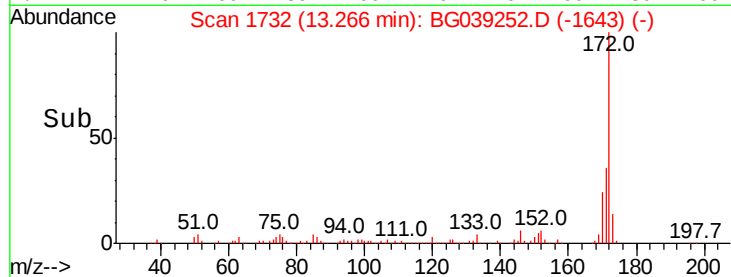
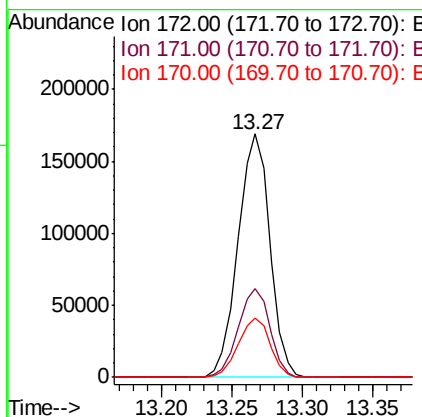
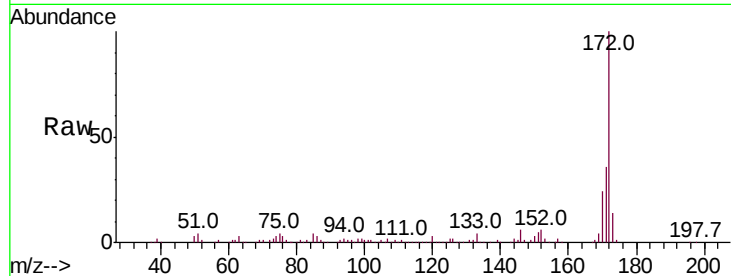
#45
 2-Fluorobiphenyl
 Concen: 78.800 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.1	30.1

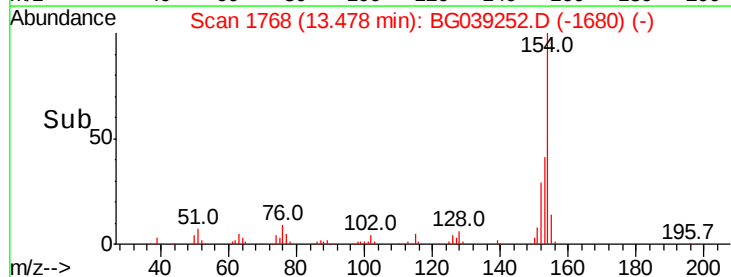
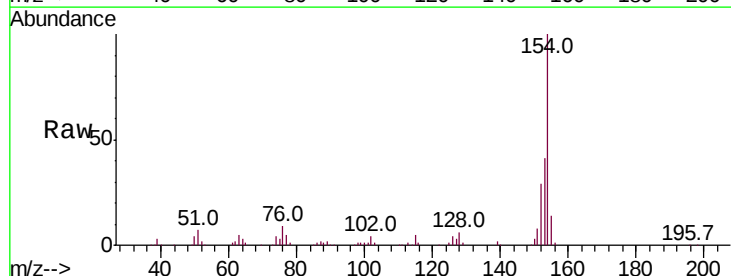
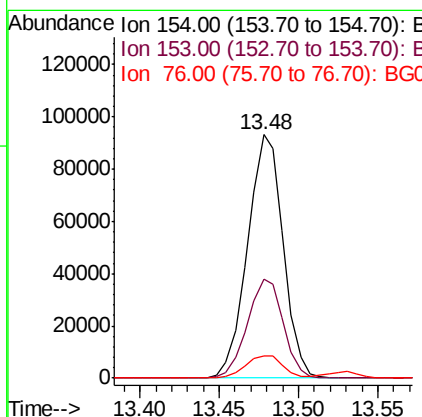
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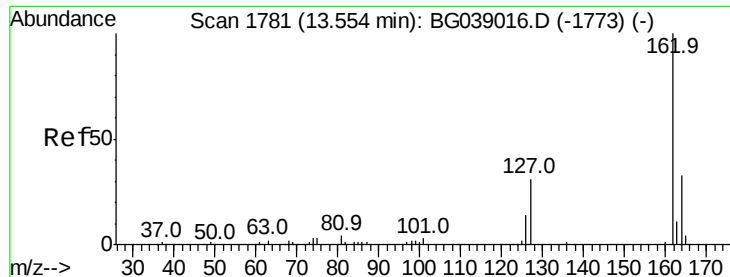
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#46
 1,1'-Biphenyl
 Concen: 39.512 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.4	62.4
76	9.3	0.0	29.4





#47

2-Chloronaphthalene

Concen: 38.931 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

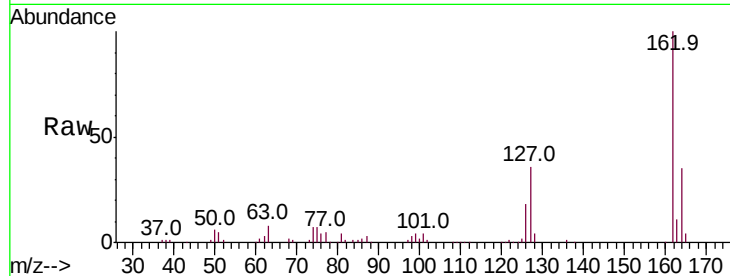
ClientSampleId :

PB116551BSD

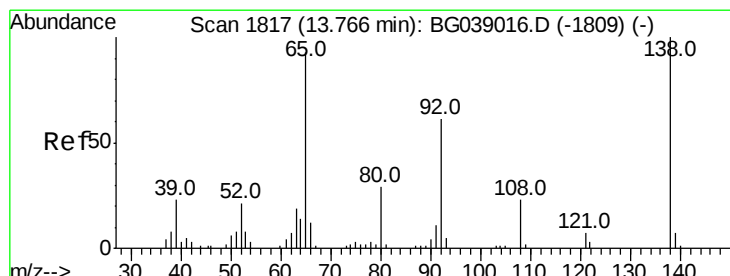
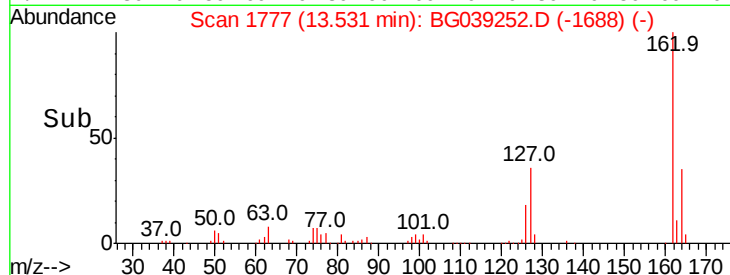
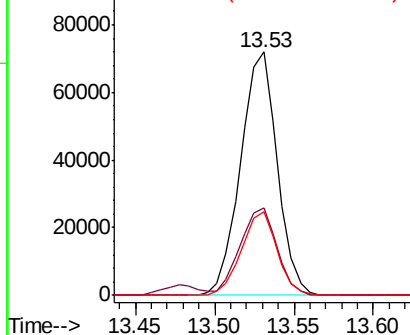
Tot Ion	Ratio	Resp	Lower	Upper
162	100	115391		
127	35.7	28.4	42.6	
164	34.6	26.3	39.5	

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.988 ng

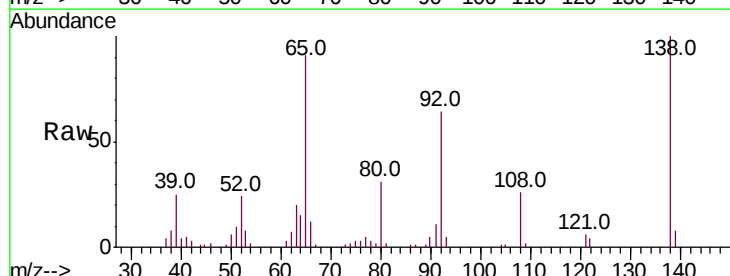
RT: 13.74 min Scan# 1813

Delta R.T. -0.01 min

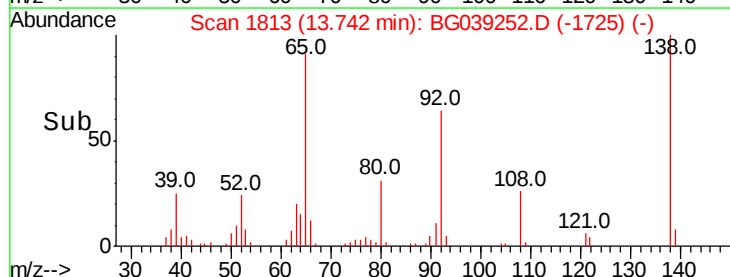
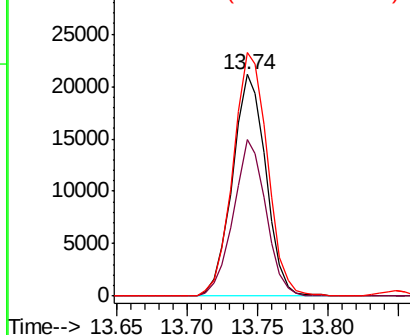
Lab File: BG039252.D

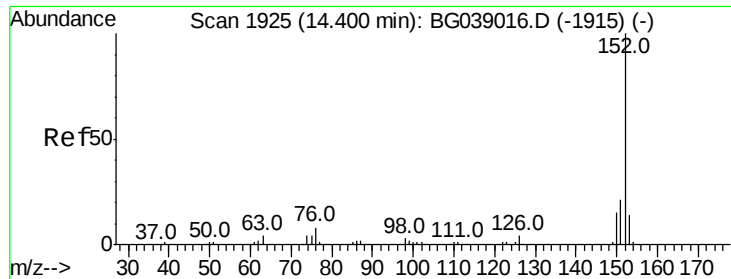
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	34866		
92	70.8	52.2	78.4	
138	109.8	86.0	129.0	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





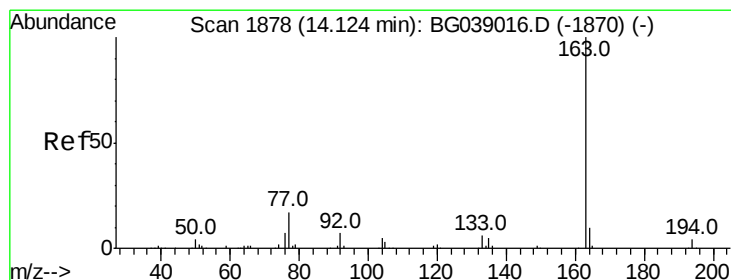
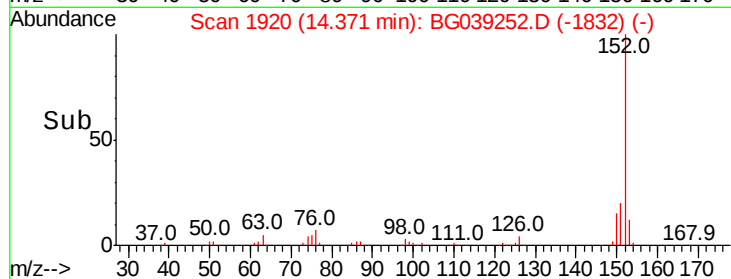
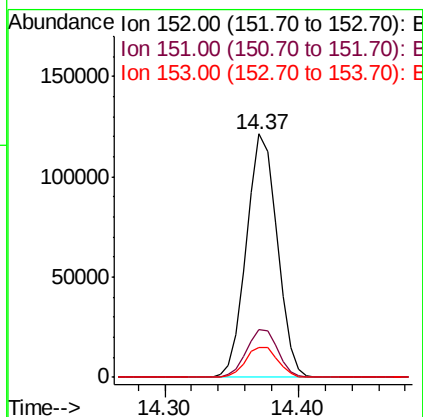
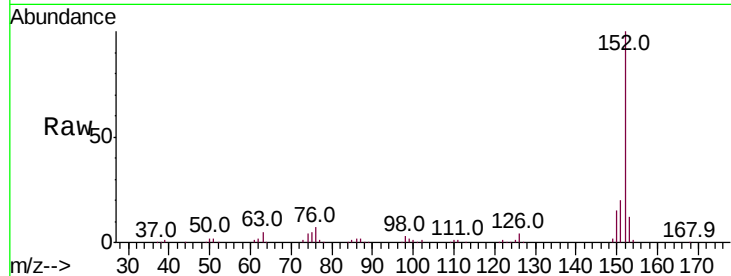
#49
Acenaphthylene
Concen: 43.298 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.4
153	12.5	11.2	16.8

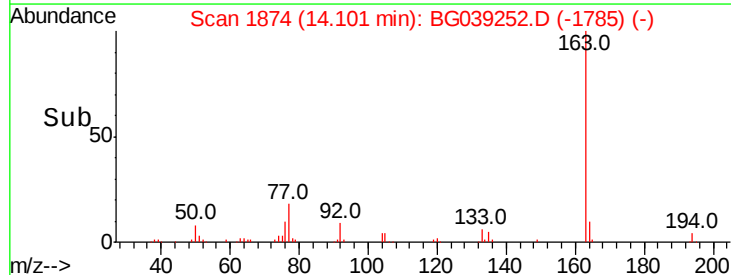
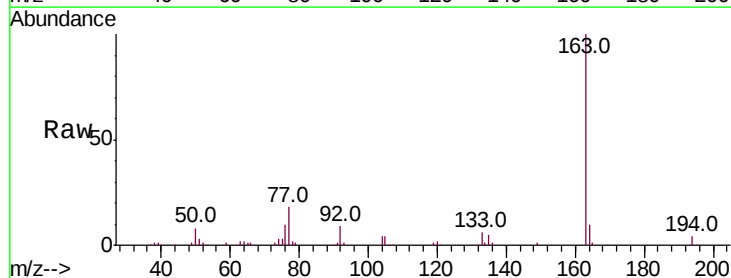
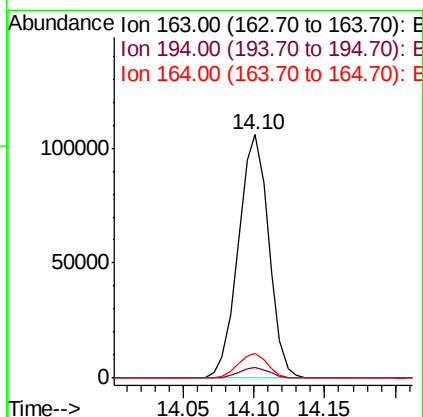
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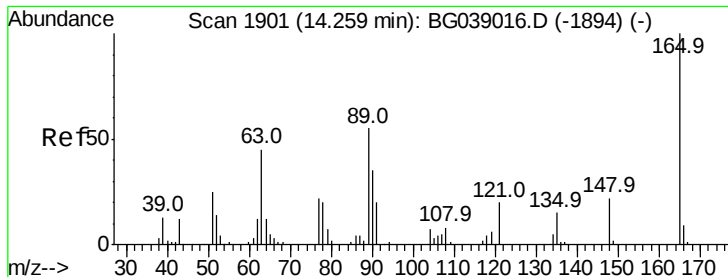
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#50
Dimethylphthalate
Concen: 40.628 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.4	8.2	12.2





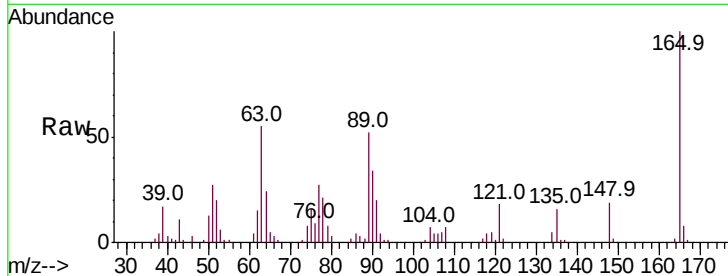
#51
 2,6-Dinitrotoluene
 Concen: 40.940 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

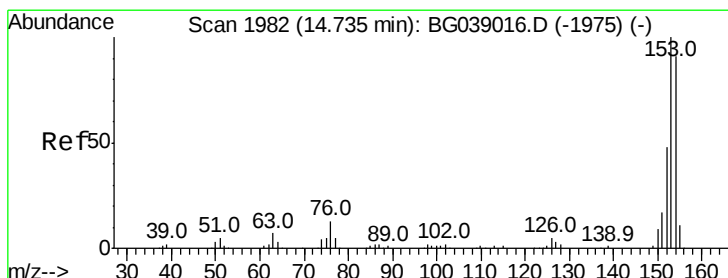
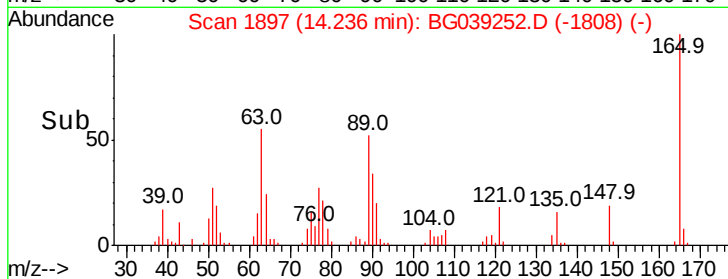
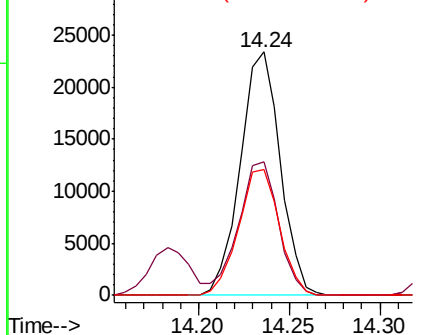
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	43.6	65.4
89	51.8	43.7	65.5

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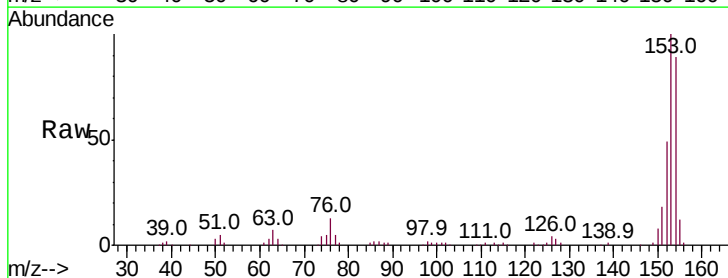


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

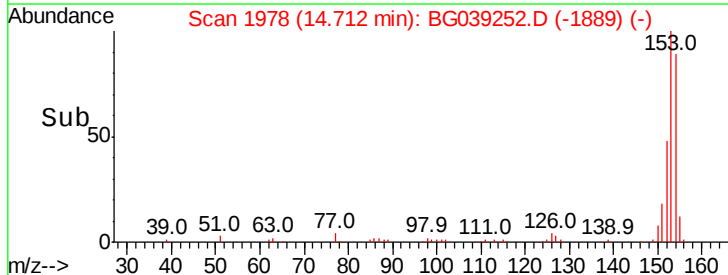
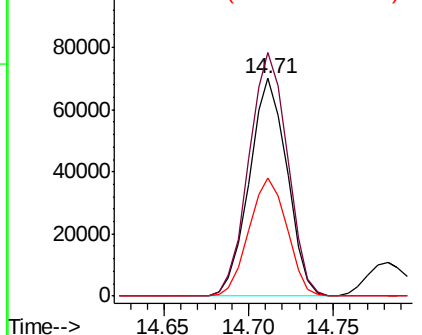


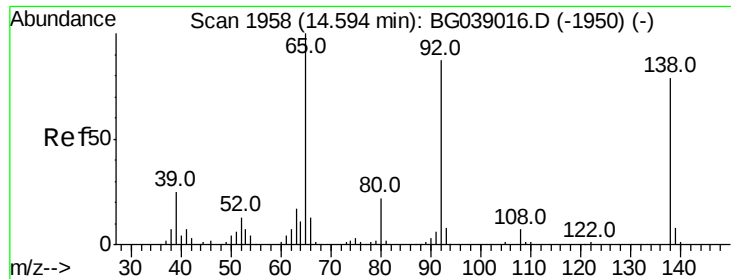
#52
 Acenaphthene
 Concen: 40.822 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.9	131.9
152	54.4	42.2	63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





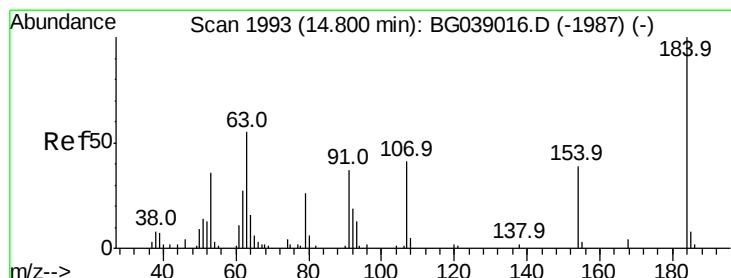
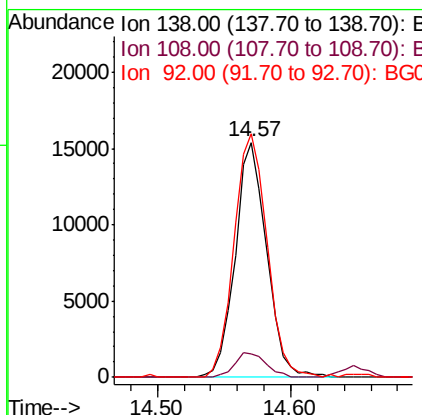
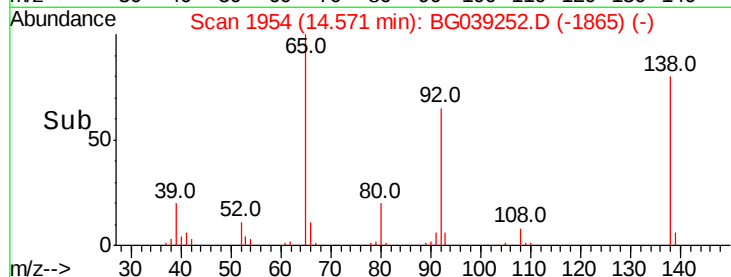
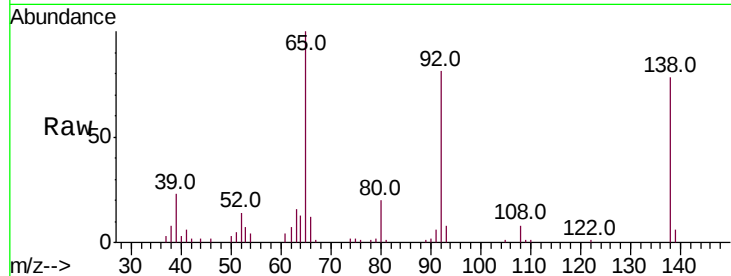
#53
 3-Nitroaniline
 Concen: 28.408 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.0
92	103.5	88.2	132.4

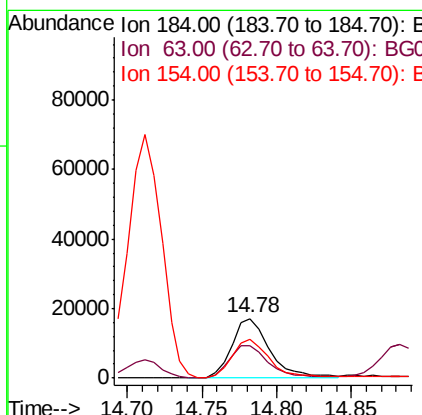
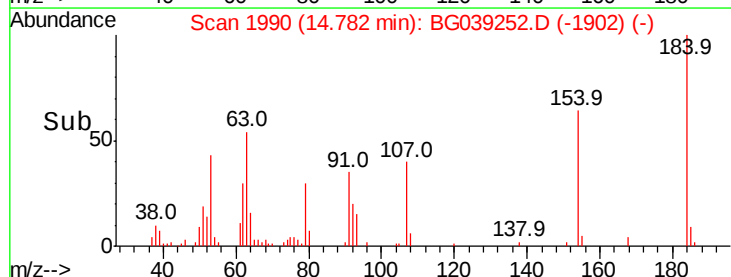
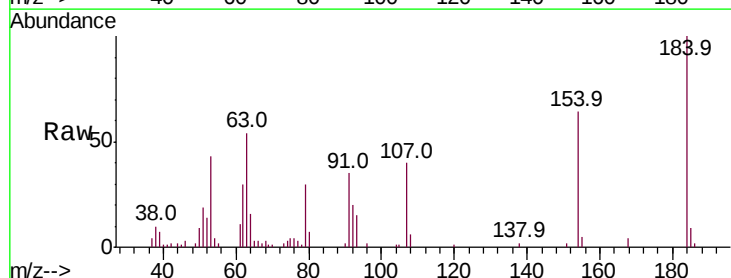
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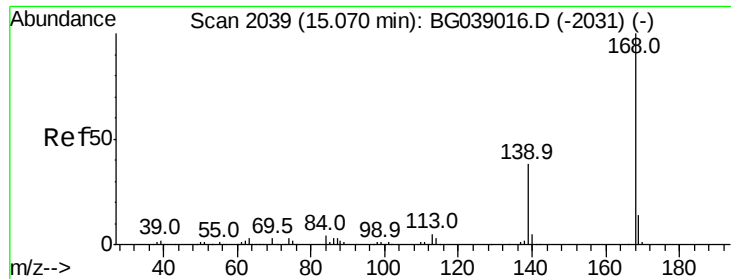
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#54
 2,4-Dinitrophenol
 Concen: 59.926 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.2	44.0	66.0
154	64.5	46.1	69.1





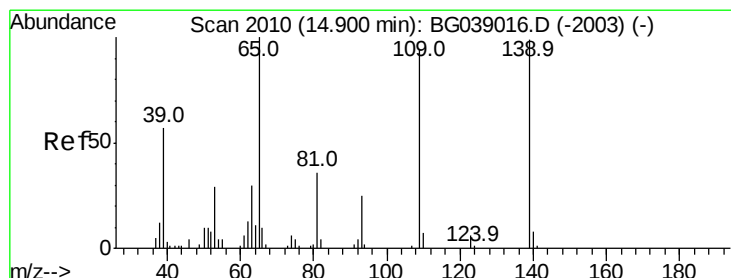
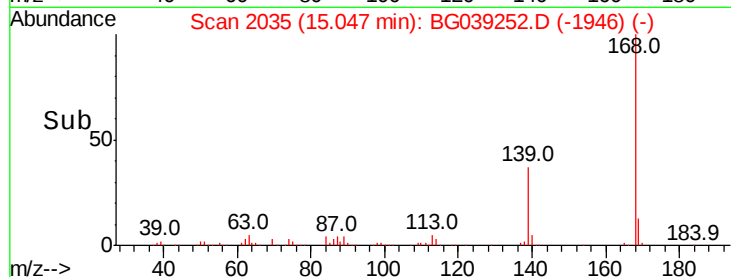
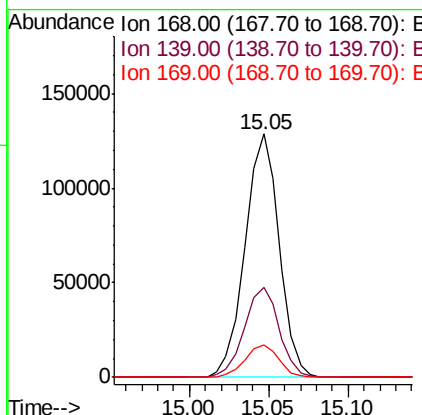
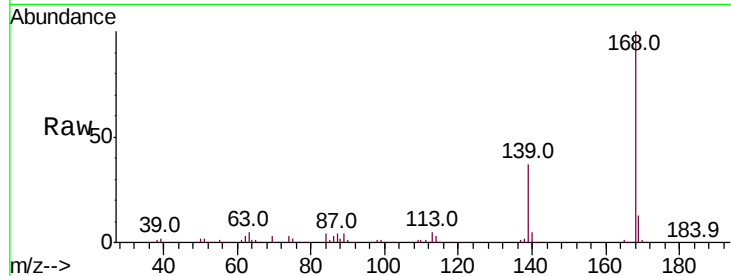
#55
Dibenzenofuran
Concen: 40.687 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	13.4	10.9	16.3

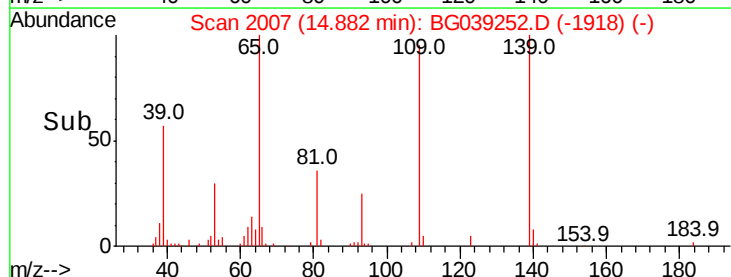
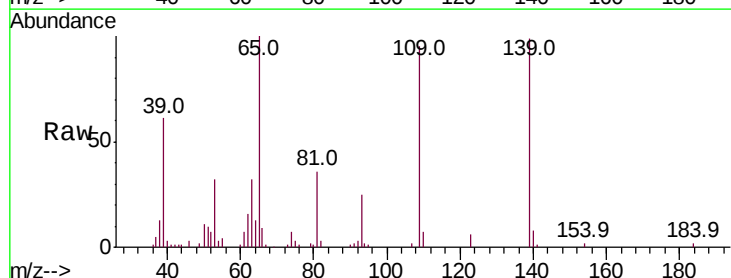
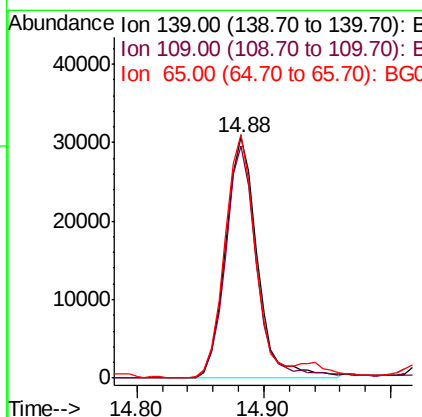
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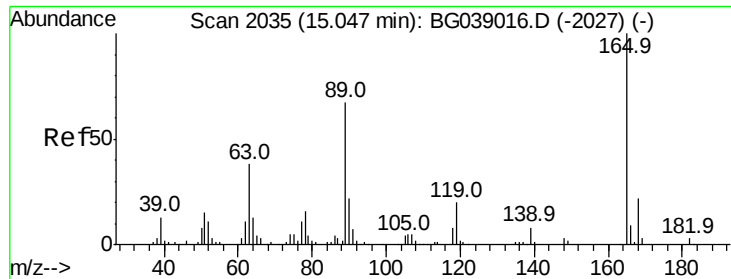
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#56
4-Nitrophenol
Concen: 83.374 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.6	75.6	115.6
65	101.2	81.2	121.2





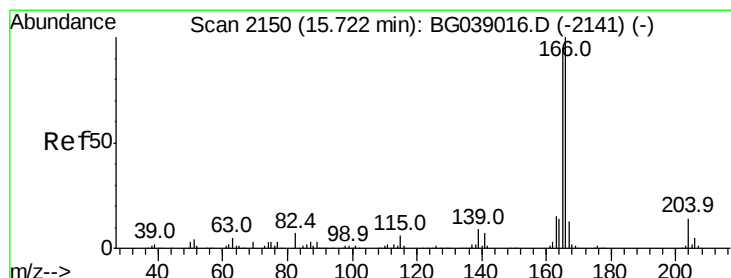
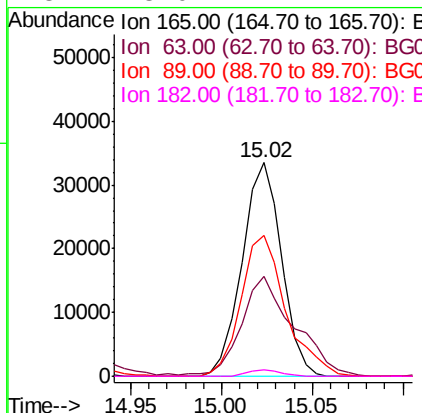
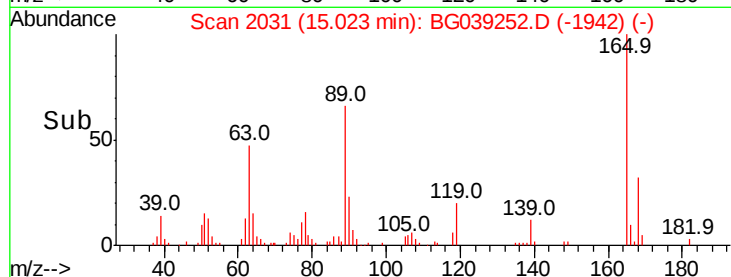
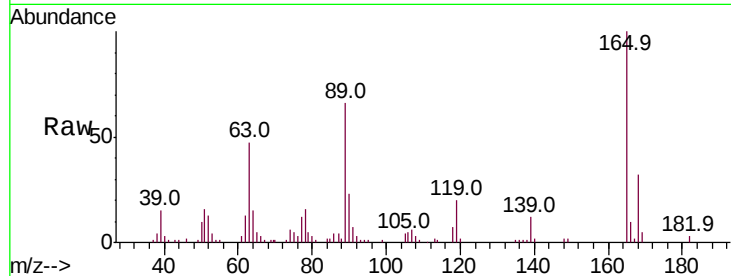
#57
2,4-Dinitrotoluene
Concen: 40.573 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampled :
PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.8	30.2	45.4	
89	65.8	53.2	79.8	
182	3.0	2.7	4.1	

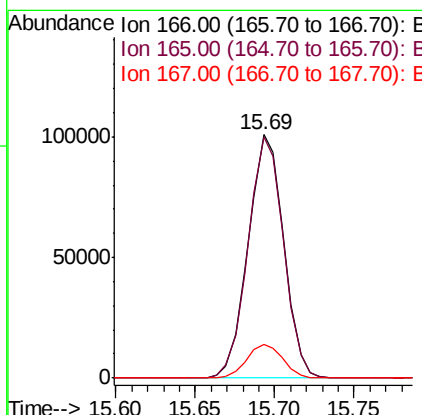
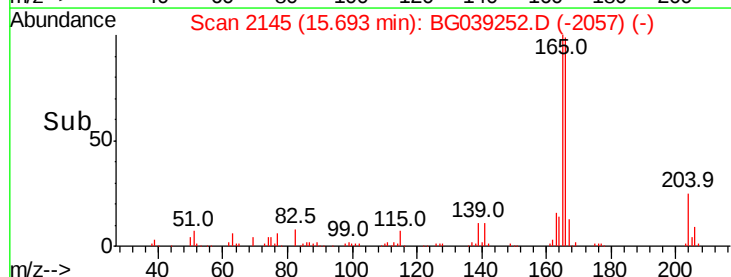
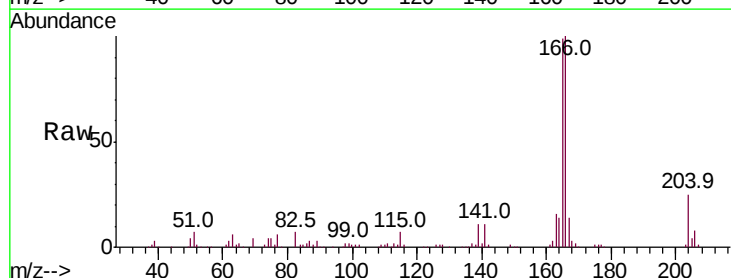
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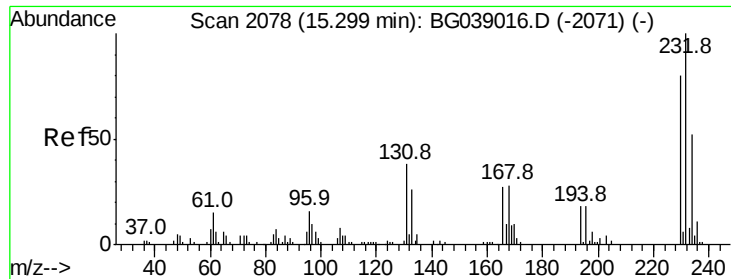
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#58
Fluorene
Concen: 44.156 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	76.2	114.2	
167	13.6	10.6	16.0	





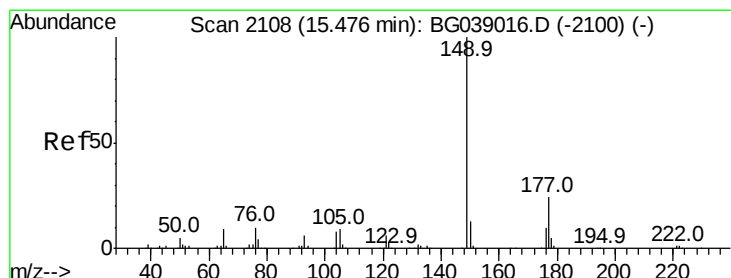
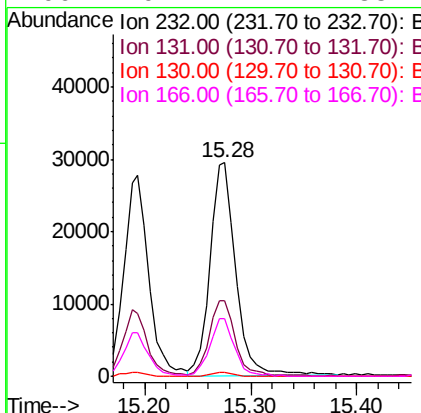
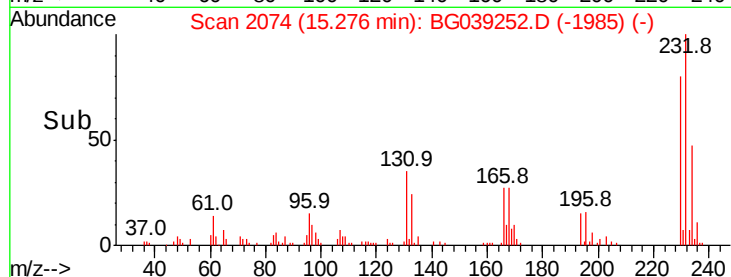
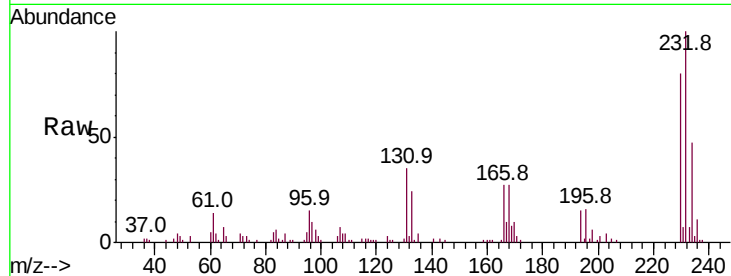
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.915 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	50051		
131	36.7		30.9	46.3
130	1.7		1.9	2.9
166	26.2		22.1	33.1

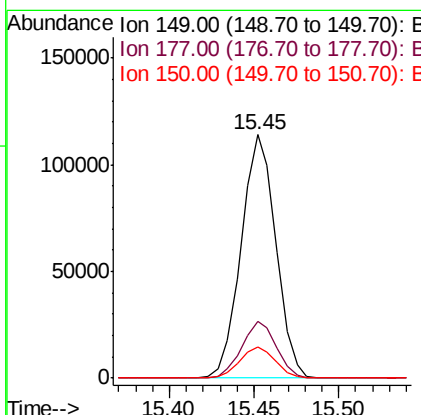
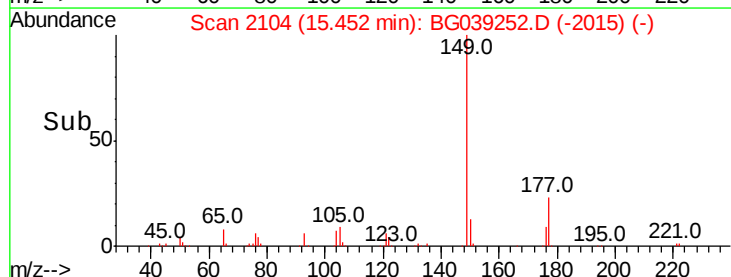
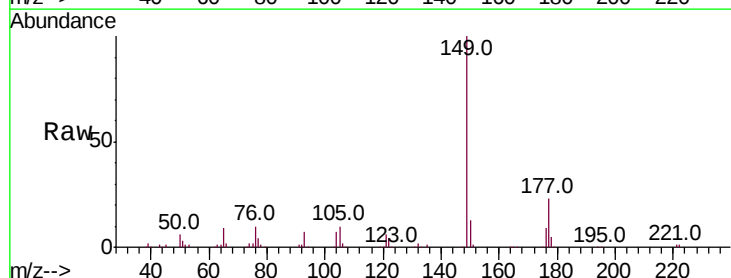
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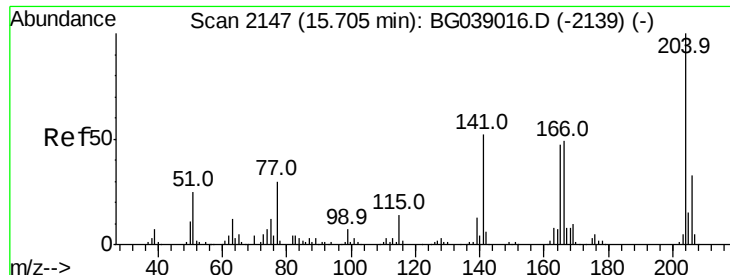
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#60
 Diethylphthalate
 Concen: 40.431 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	162718		
177	23.2		19.0	28.6
150	13.0		10.2	15.4





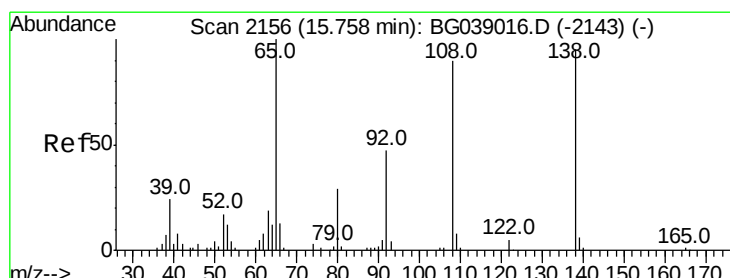
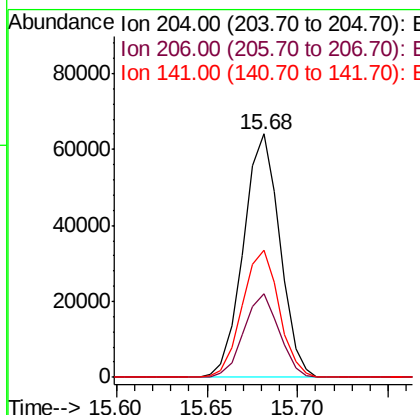
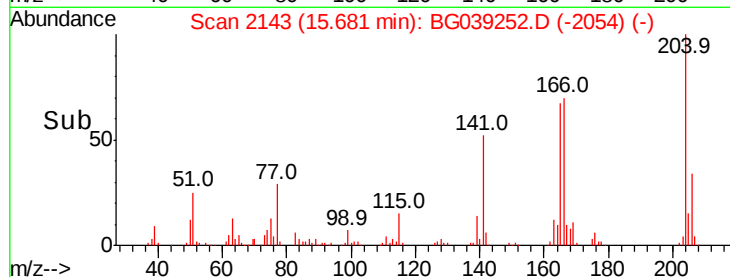
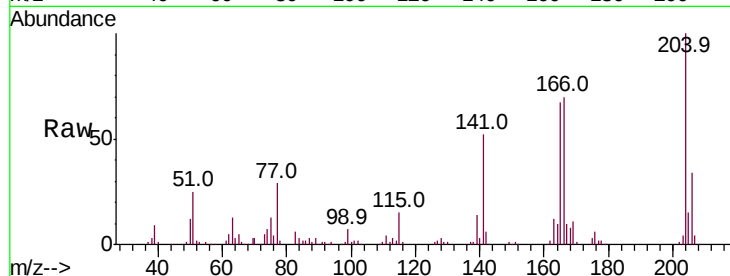
#61
4-Chlorophenyl-phenylether
Concen: 39.940 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	52.5	41.4	62.0

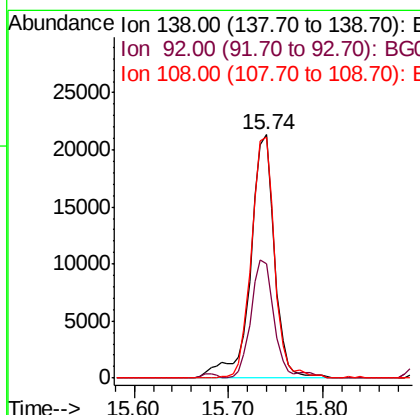
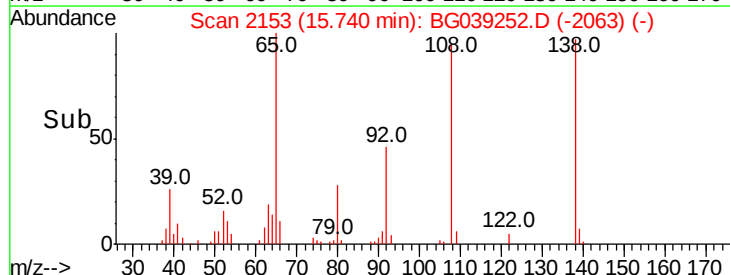
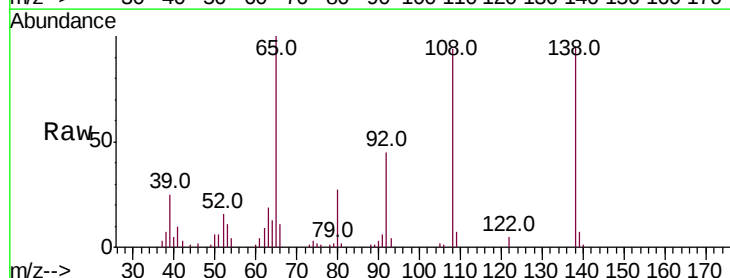
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#62
4-Nitroaniline
Concen: 40.921 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	29.7	69.7
108	99.0	75.7	115.7





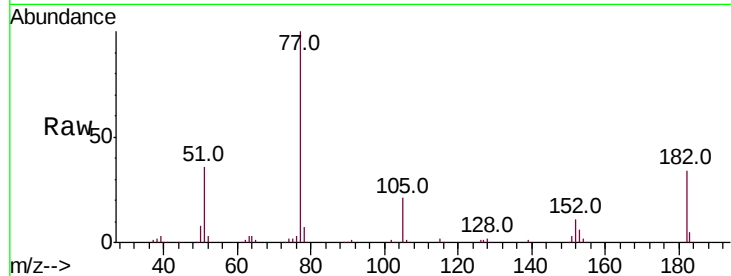
#63
Azobenzene
Concen: 40.572 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

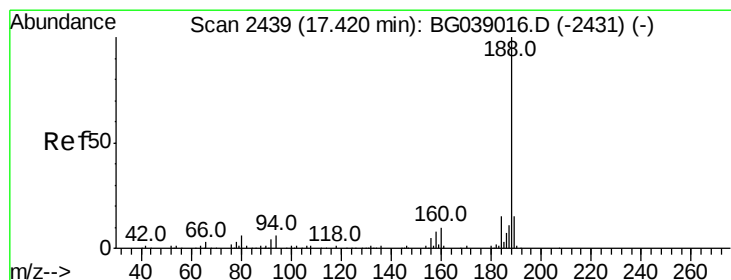
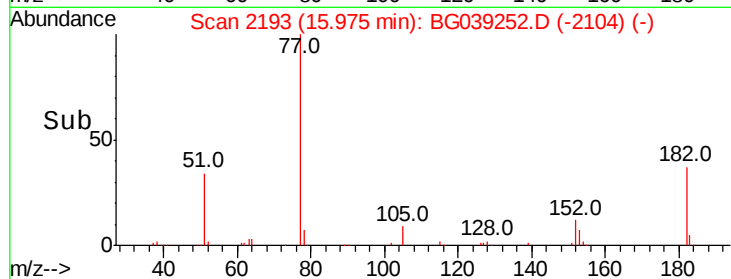
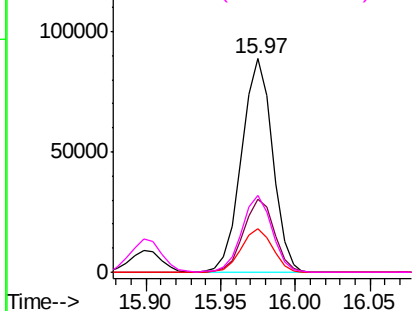
Tot Ion:	77	Resp:	127694
Ion Ratio	Lower	Upper	
77	100		
182	34.5	12.2	52.2
105	20.6	1.2	41.2
51	35.7	13.4	53.4

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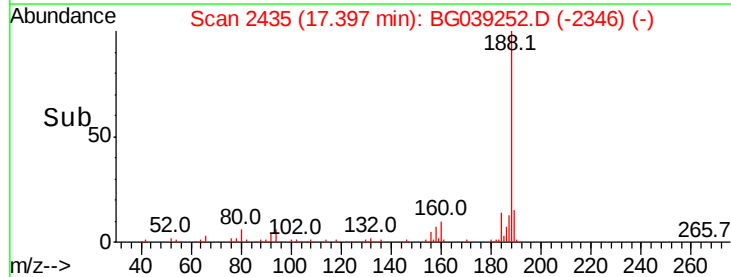
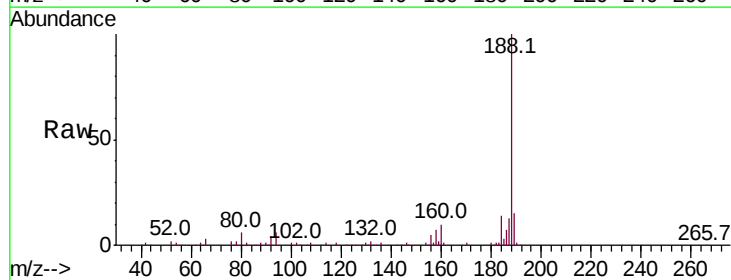
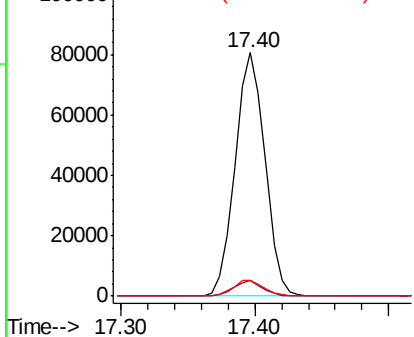
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

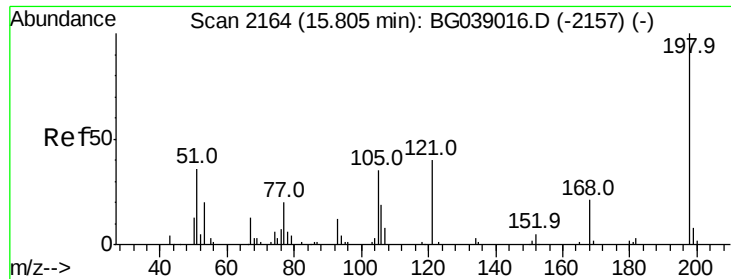


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion:	188	Resp:	124524
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.0	7.4
80	6.4	4.7	7.1

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





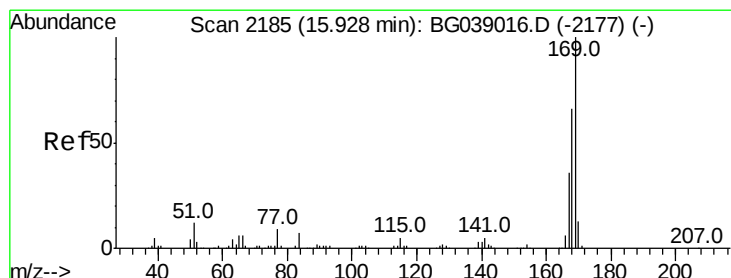
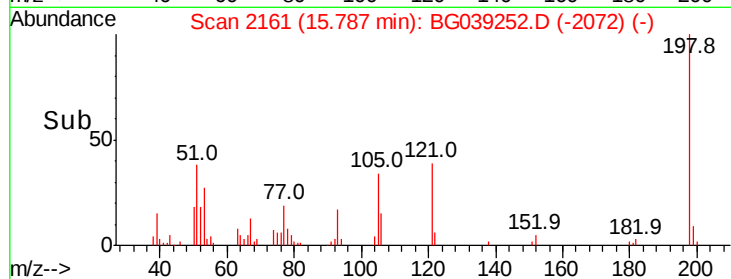
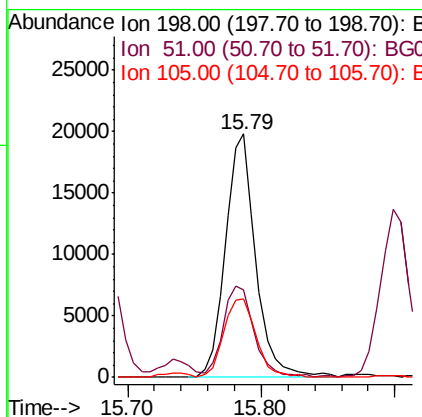
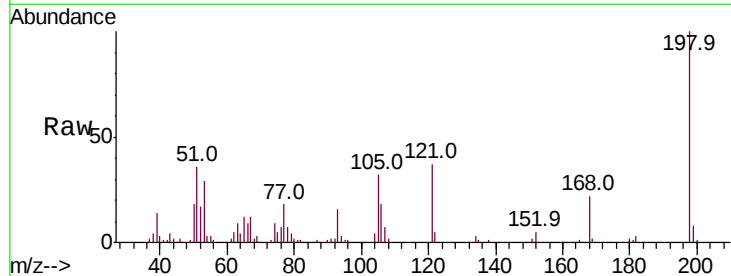
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.977 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	31345		
51	35.8	20.8	60.8	
105	32.2	16.1	56.1	

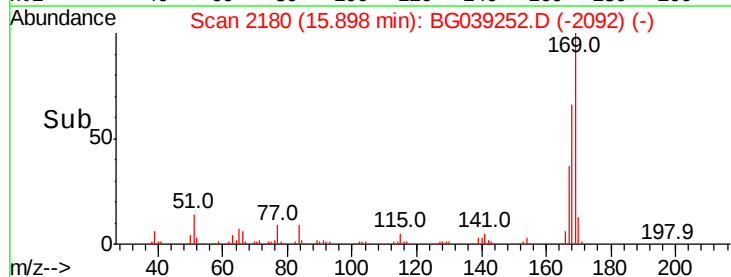
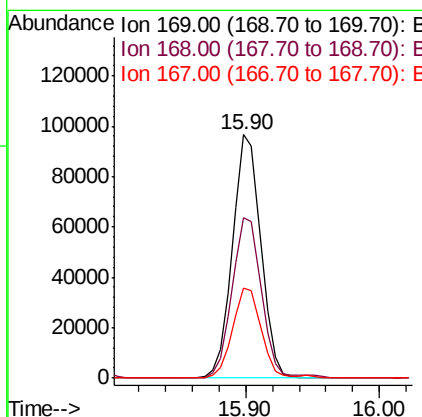
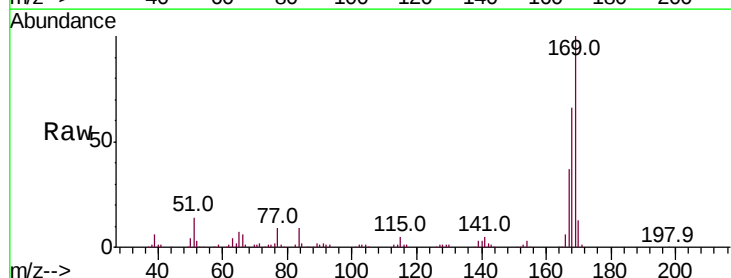
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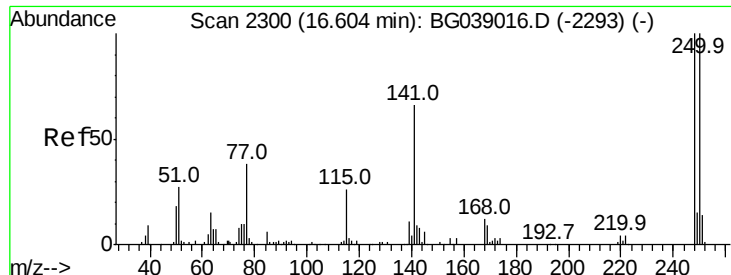
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#66
 n-Nitrosodiphenylamine
 Concen: 38.706 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	142885		
168	65.7	53.2	79.8	
167	37.0	29.1	43.7	





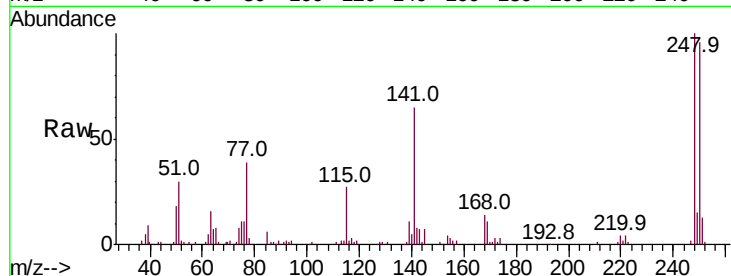
#67
 4-Bromophenyl-phenylether
 Concen: 36.841 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.9	119.9
141	65.1	52.7	79.1

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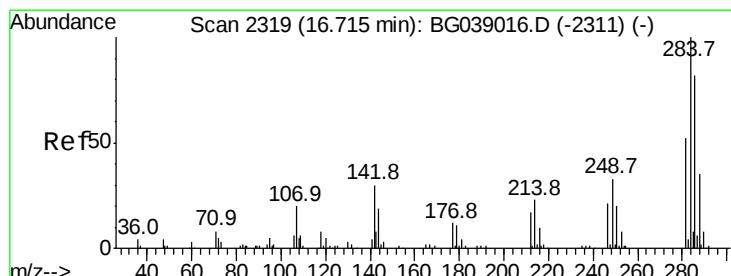
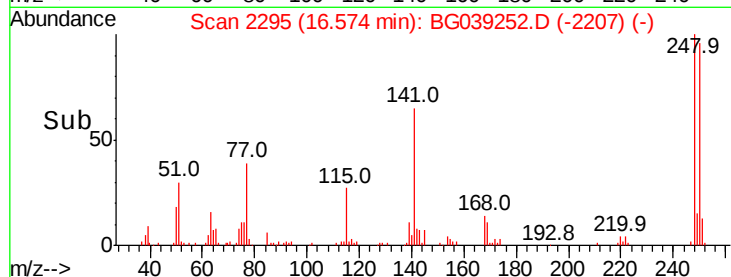
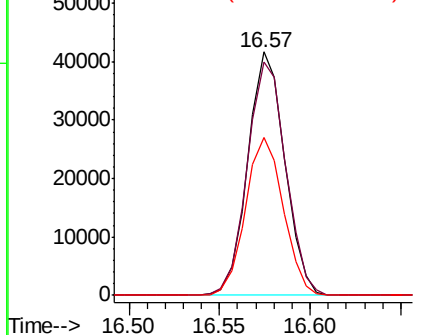


Abundance

Ion 248.00 (247.70 to 248.70): E

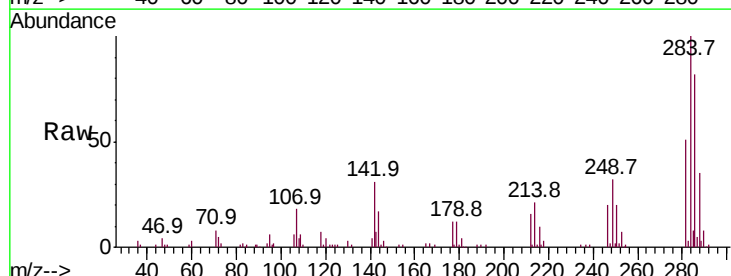
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.068 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.3	36.5
249	34.2	27.8	41.8

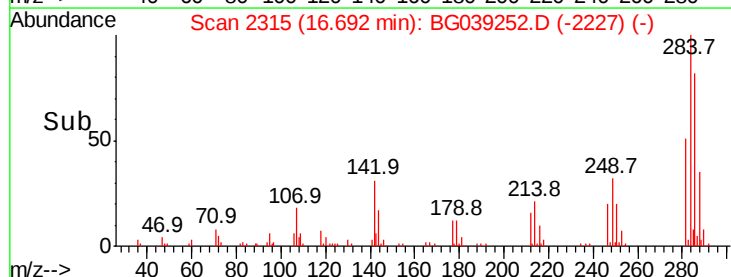
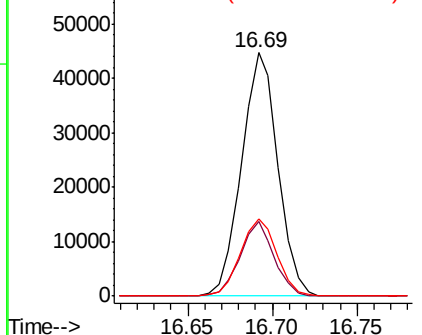


Abundance

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





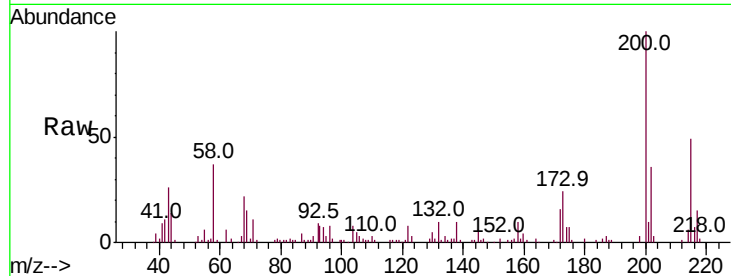
#69
Atrazine
Concen: 38.319 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

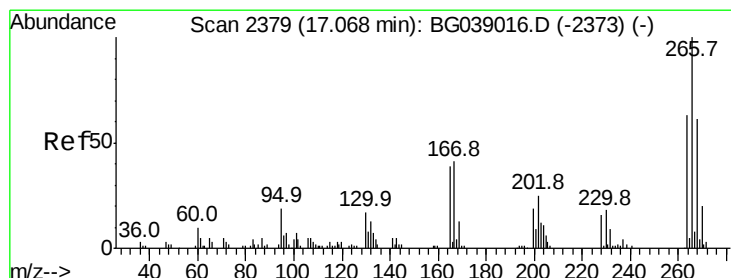
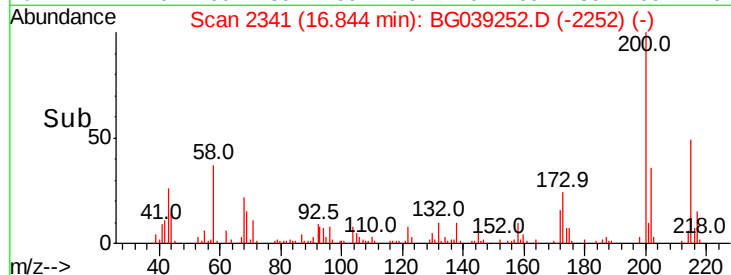
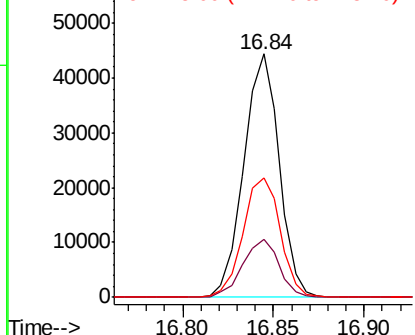
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	2.6	42.6
215	49.3	28.0	68.0

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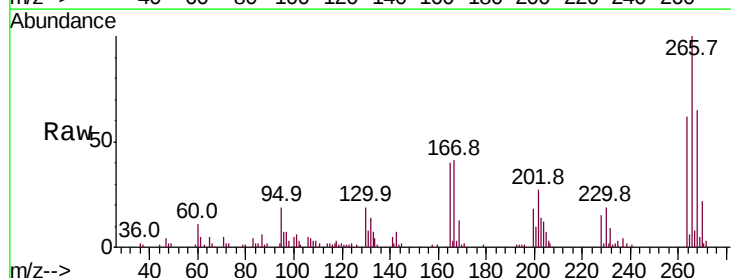


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

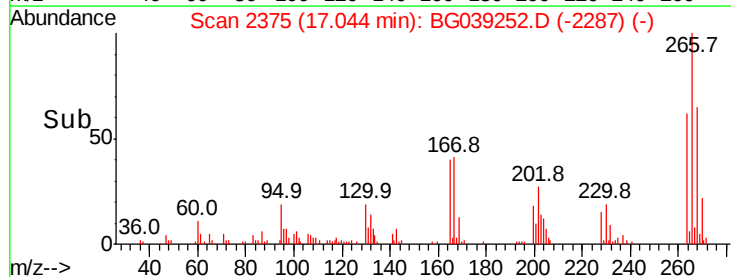
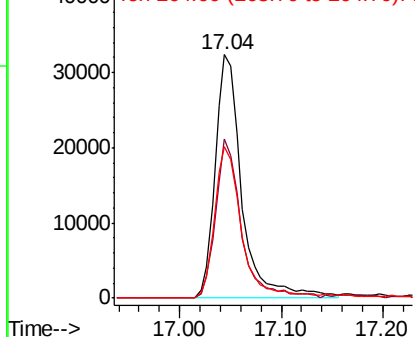


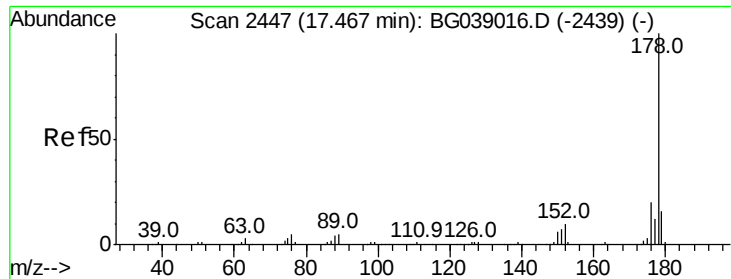
#70
Pentachlorophenol
Concen: 56.677 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.0	78.0
264	67.8	54.6	81.8



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





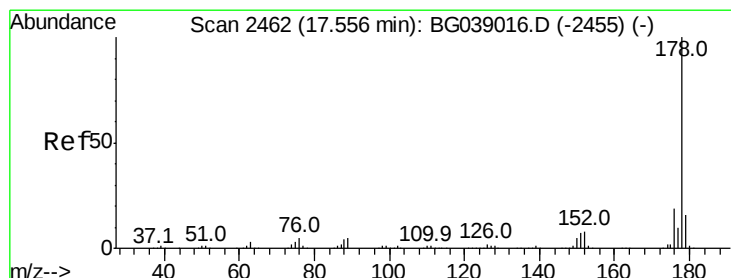
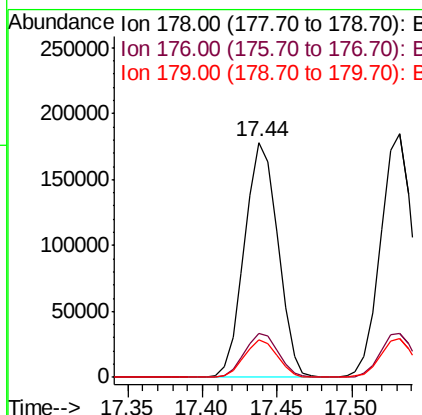
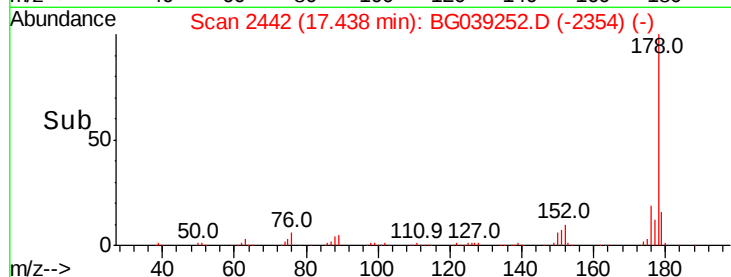
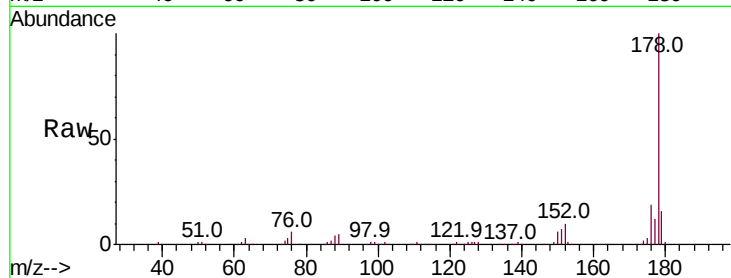
#71
 Phenanthrene
 Concen: 42.062 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleID :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.9	12.9	19.3

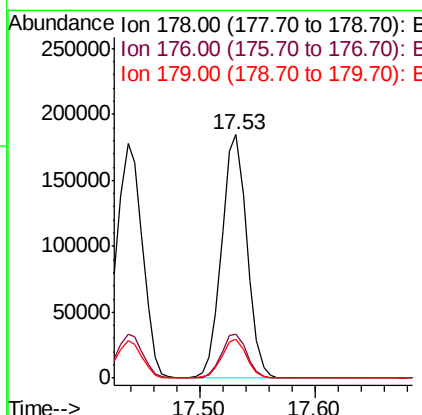
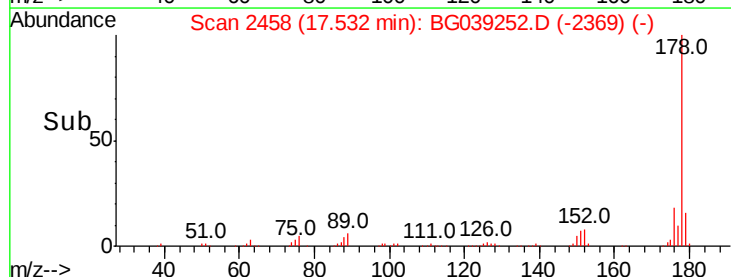
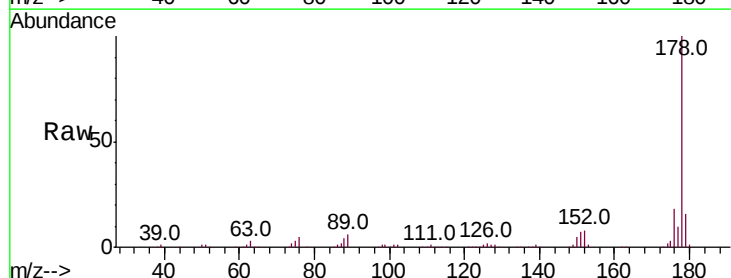
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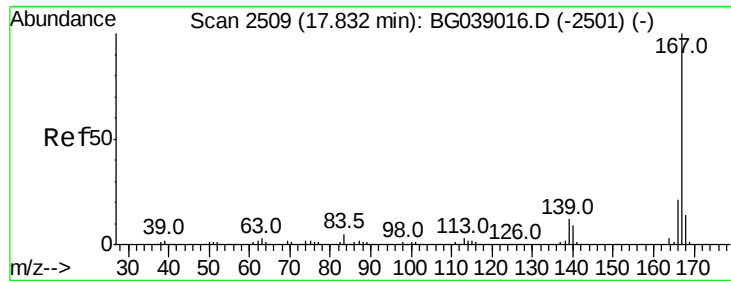
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#72
 Anthracene
 Concen: 42.968 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	16.0	13.0	19.4





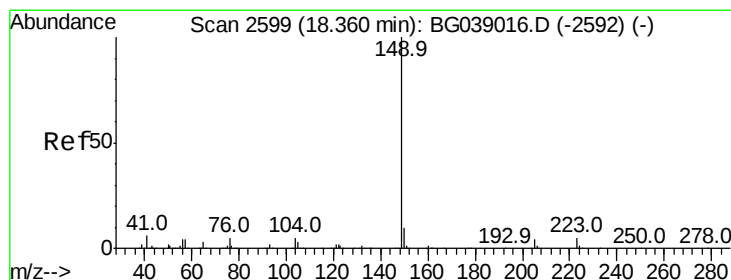
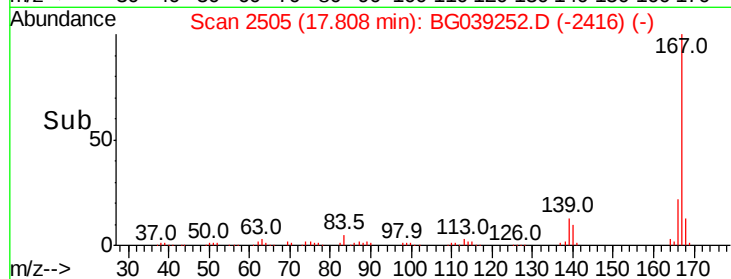
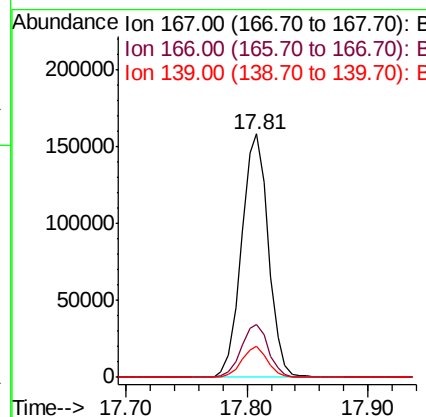
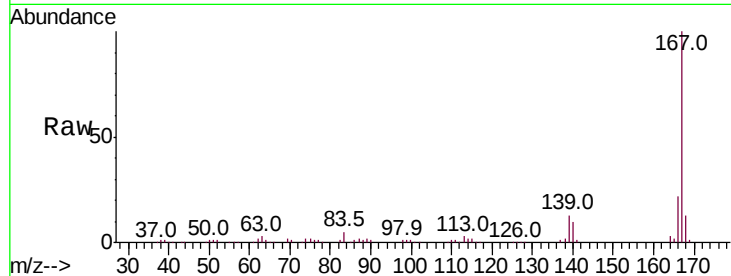
#73
 Carbazole
 Concen: 38.205 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	245441		
166	21.8	16.9	25.3	
139	12.5	10.0	15.0	

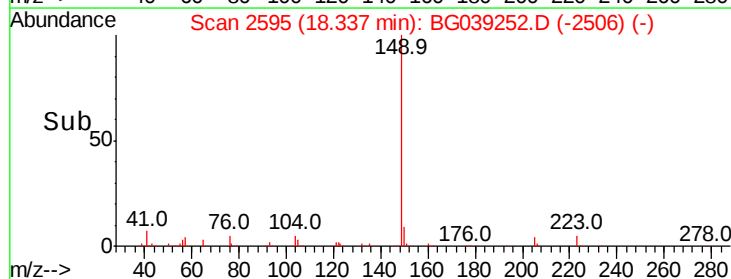
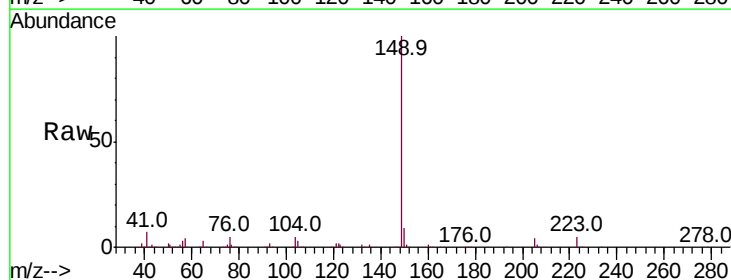
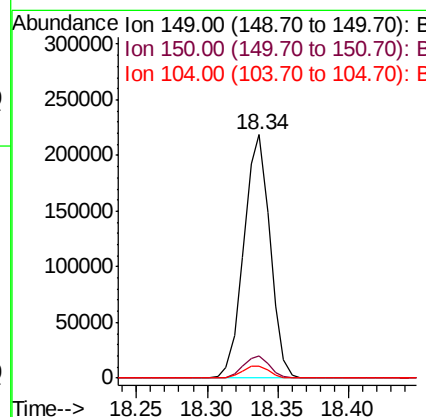
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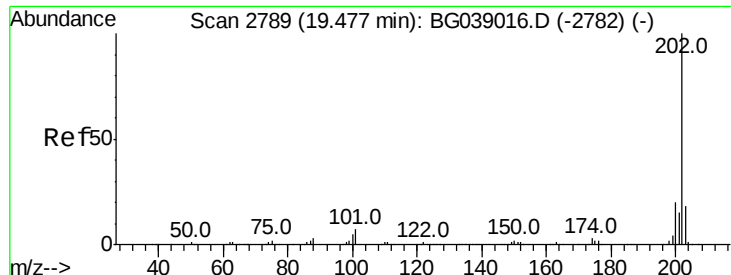
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#74
 Di-n-butylphthalate
 Concen: 39.656 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	283416		
150	8.9	7.9	11.9	
104	5.1	4.2	6.2	





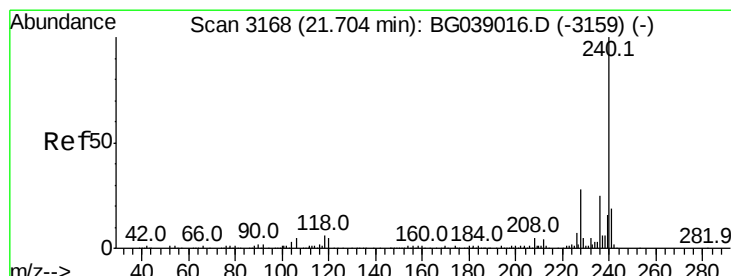
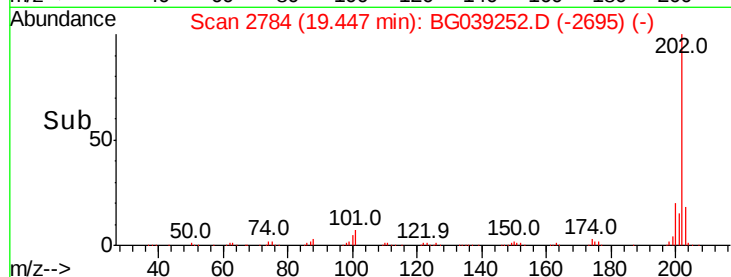
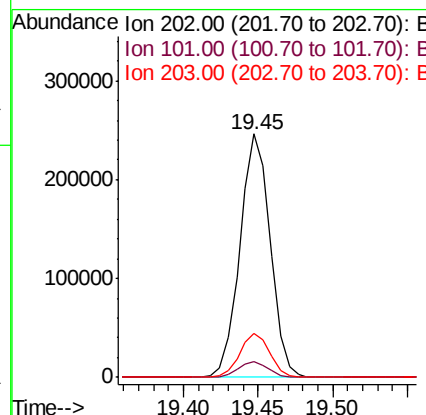
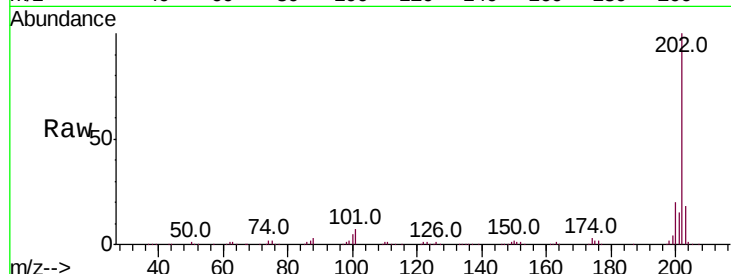
#75
 Fluoranthene
 Concen: 42.539 ng
 RT: 19.45 min Scan# 2784
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	26.9
203	17.8	0.0	38.1

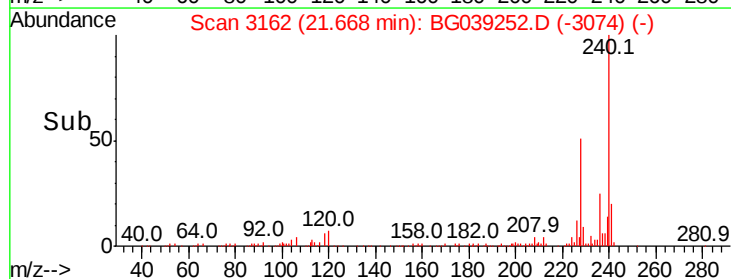
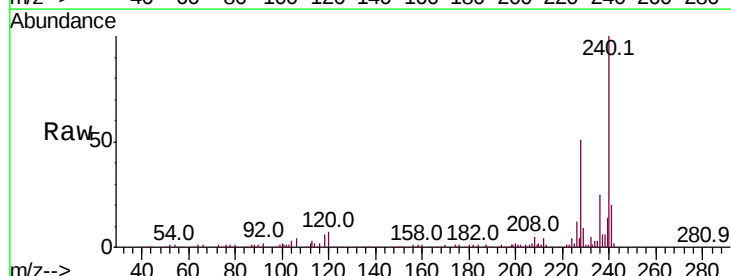
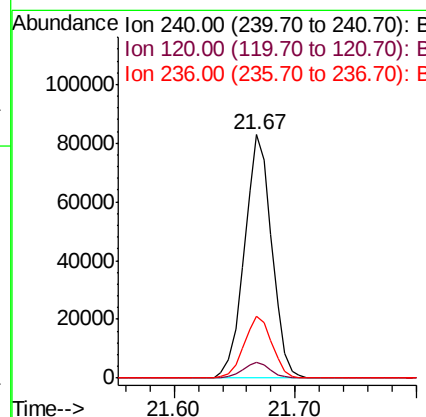
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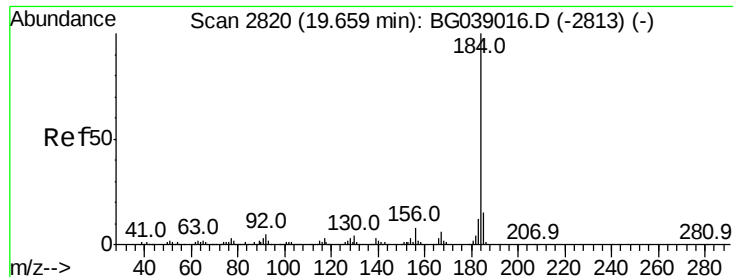
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.6	4.3	6.5#
236	25.2	20.1	30.1





#77

Benzidine

Concen: 28.015 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

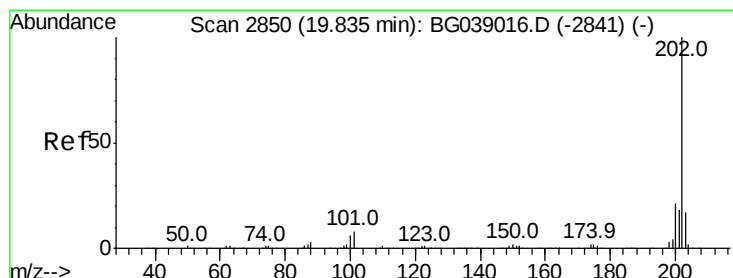
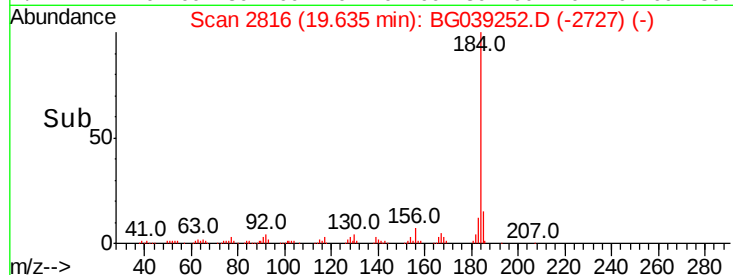
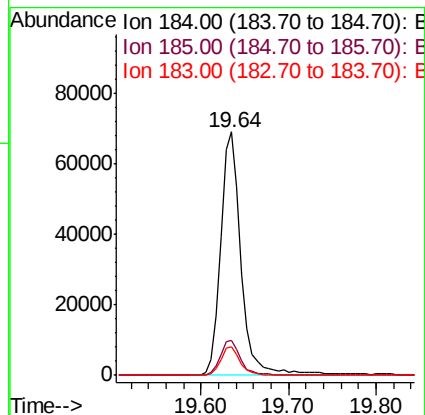
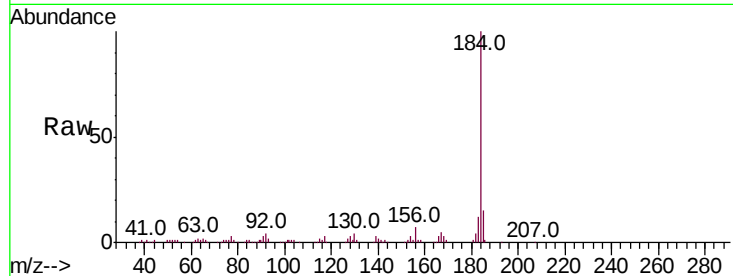
ClientSampleId :

PB116551BSD

Tot Ion:	184	Resp:	111633
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.1	18.1
183	11.5	9.5	14.3

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#78

Pyrene

Concen: 42.034 ng

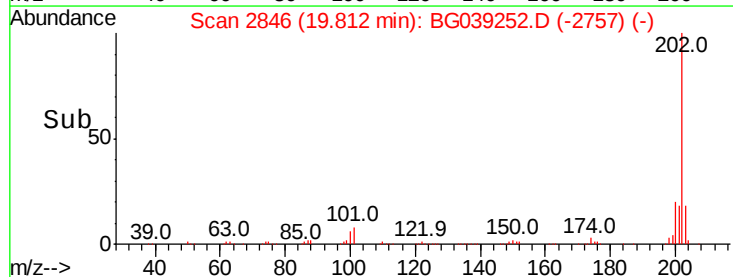
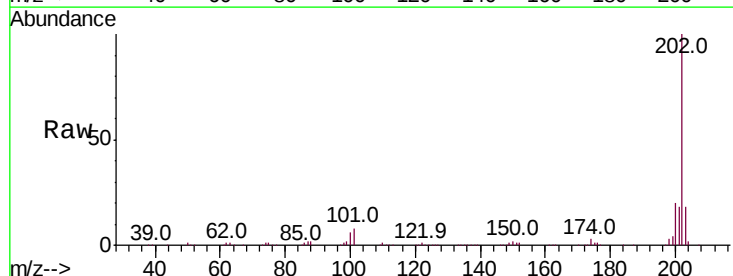
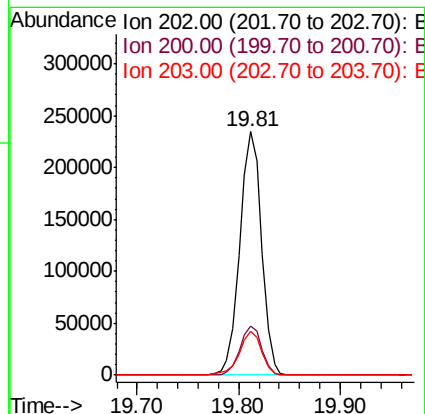
RT: 19.81 min Scan# 2846

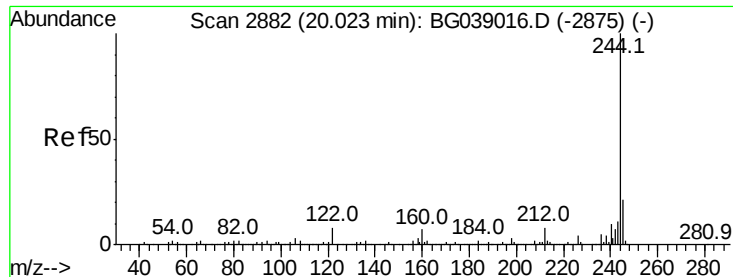
Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	202	Resp:	348994
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.6
203	17.9	14.0	21.0





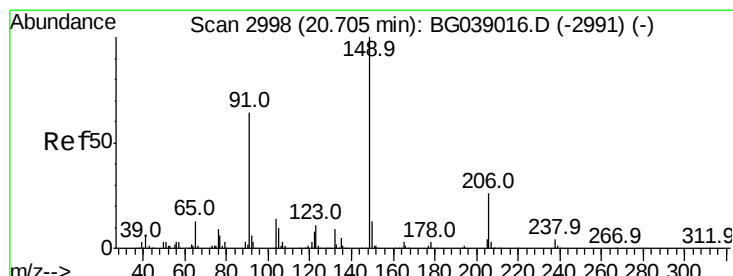
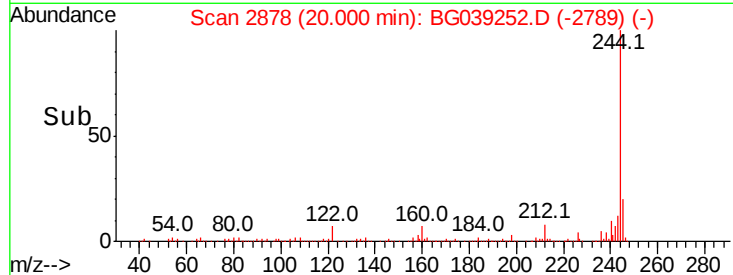
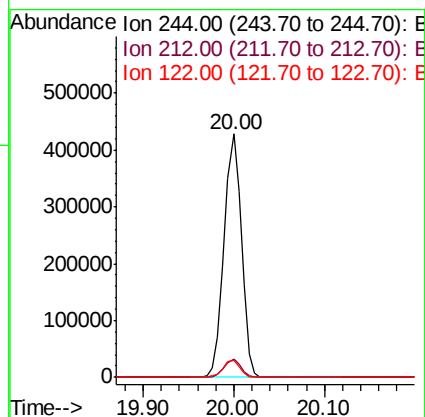
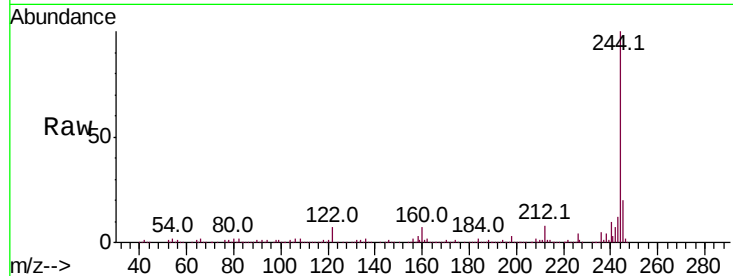
#79
 Terphenyl-d14
 Concen: 80.463 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:	244	Resp:	566669
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	7.0	6.1	9.1

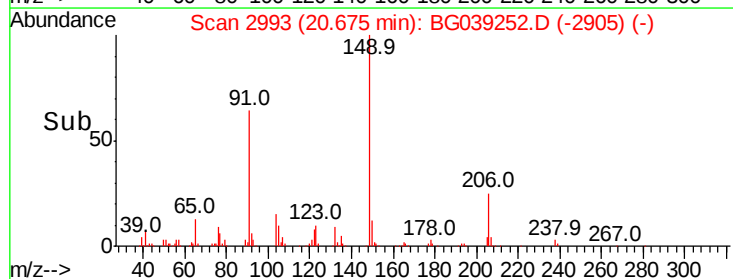
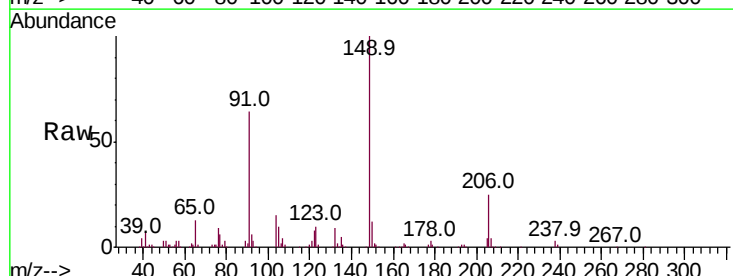
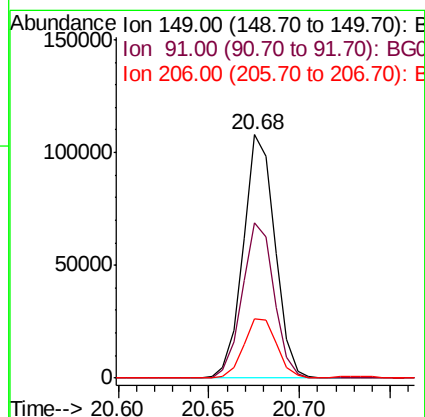
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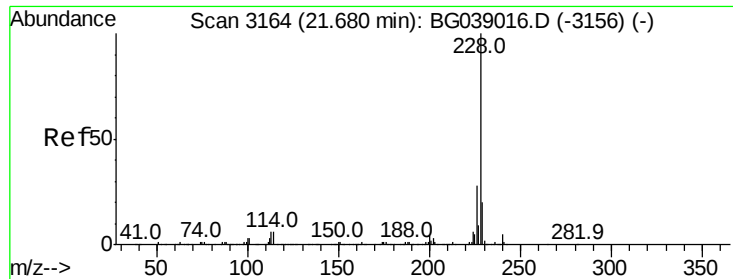
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#80
 Butylbenzylphthalate
 Concen: 41.435 ng
 RT: 20.68 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:	149	Resp:	130844
Ion Ratio	Lower	Upper	
149	100		
91	64.0	51.4	77.0
206	24.6	20.4	30.6





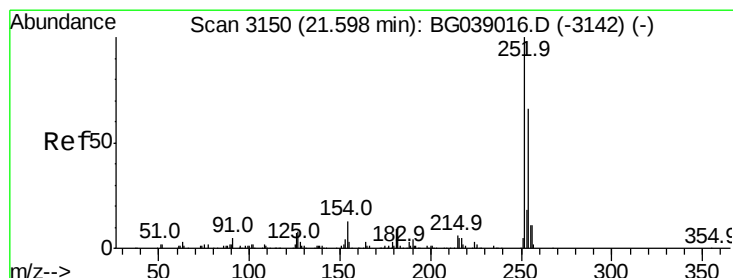
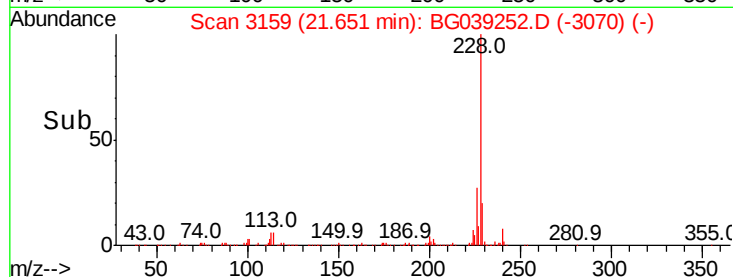
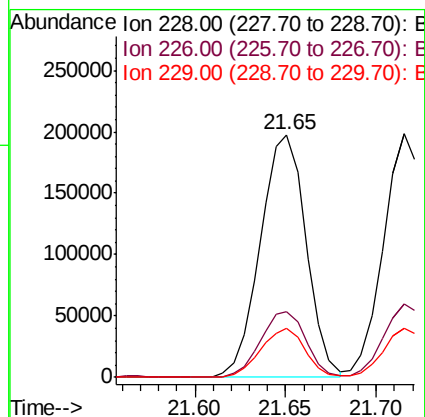
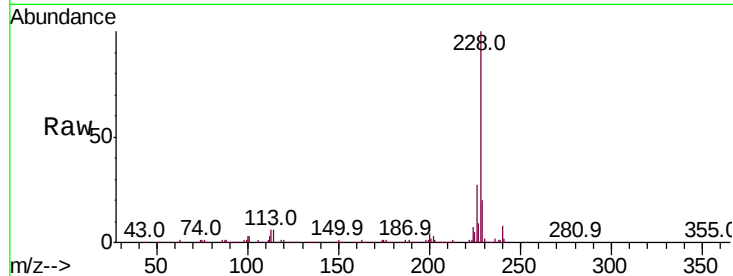
#81
Benzo(a)anthracene
Concen: 43.652 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	20.3	16.2	24.2

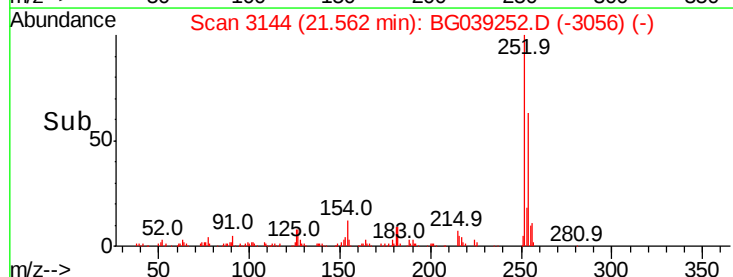
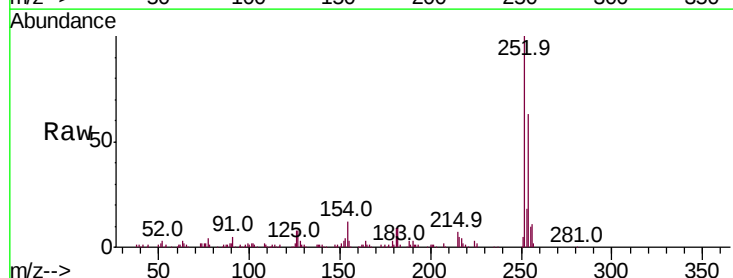
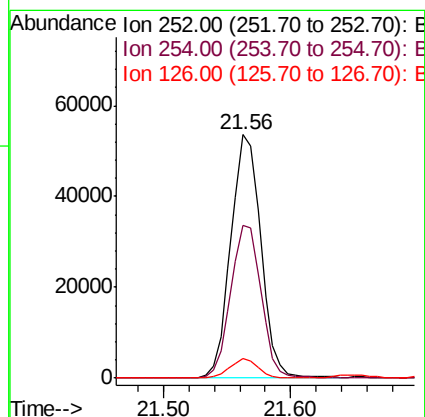
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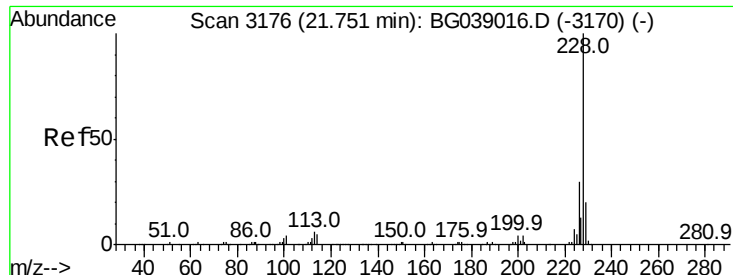
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#82
3,3'-Dichlorobenzidine
Concen: 27.203 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	53.0	79.6
126	8.0	6.0	9.0





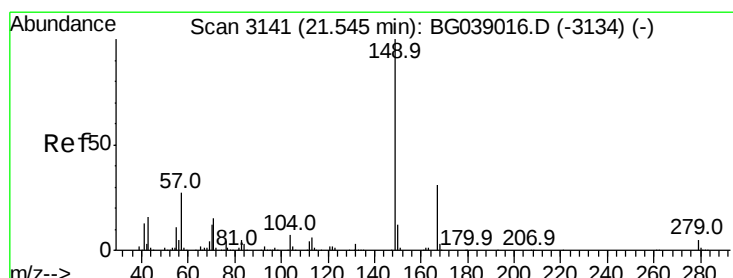
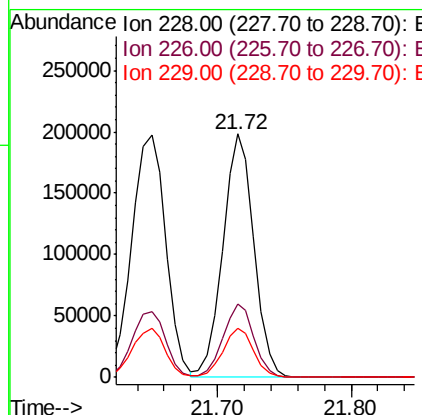
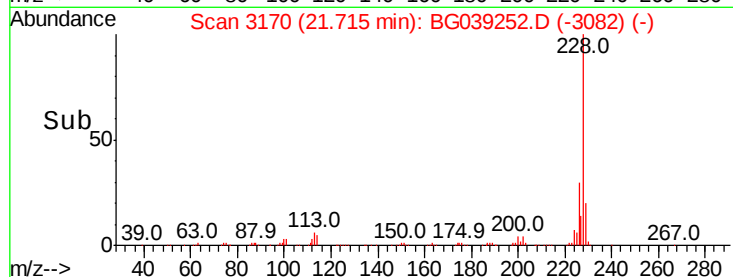
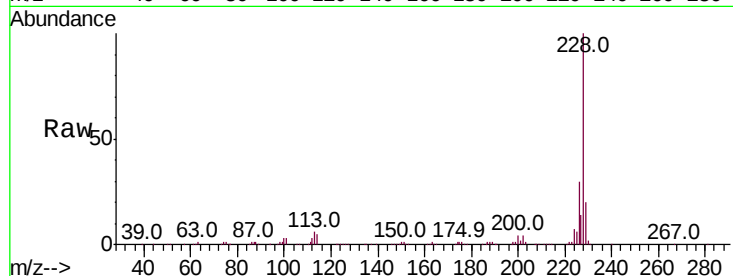
#83
 Chrysene
 Concen: 42.712 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleID :
 PB116551BSD

Tot Ion:	228	Resp:	322169
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	20.1	16.0	24.0

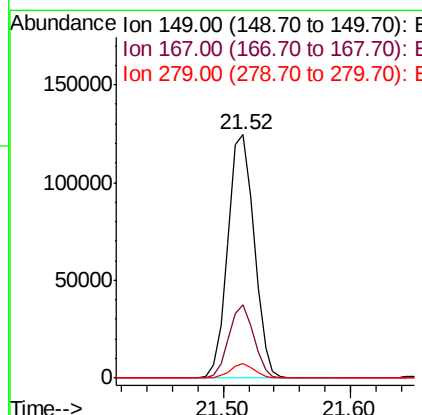
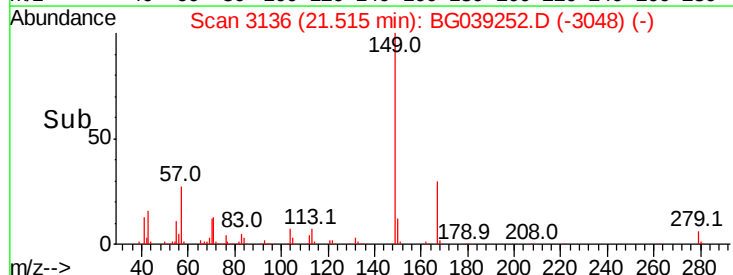
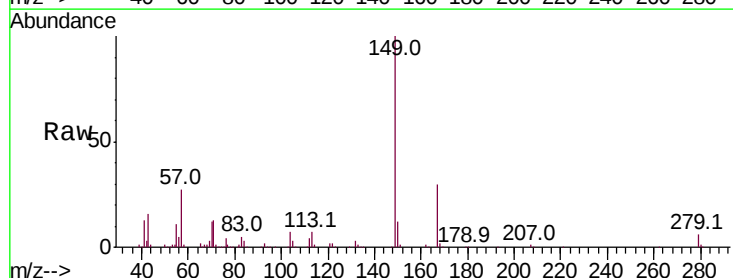
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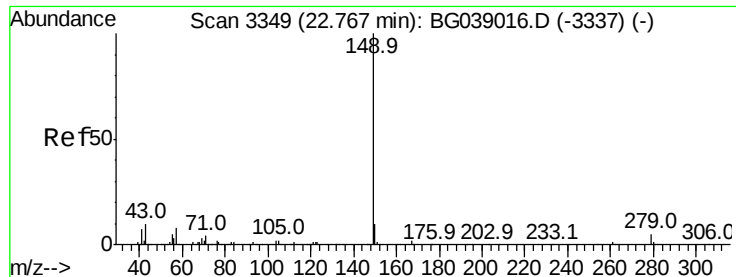
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.720 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion:	149	Resp:	178542
Ion Ratio	Lower	Upper	
149	100		
167	29.9	25.0	37.4
279	6.1	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 41.693 ng

RT: 22.73 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

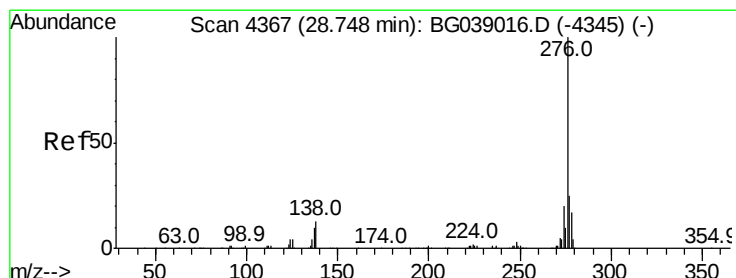
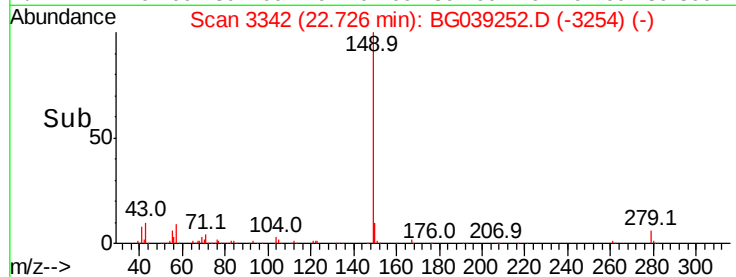
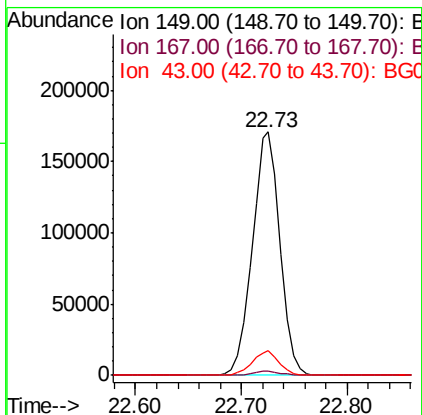
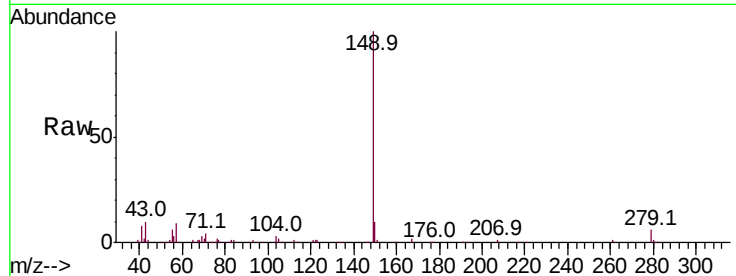
ClientSampleId :

PB116551BSD

Tot Ion:	149	Resp:	309110
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	9.9	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.945 ng

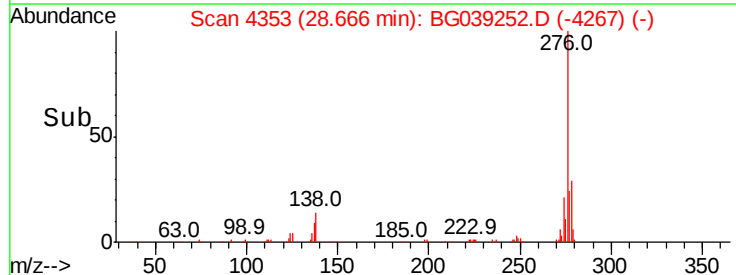
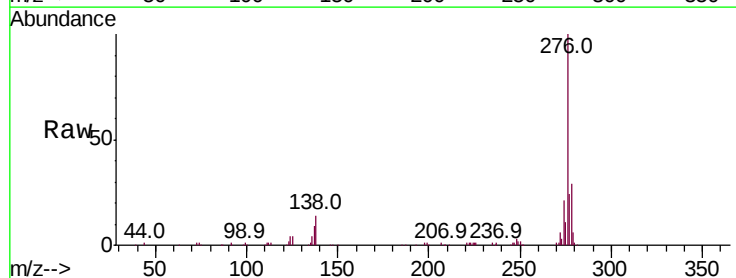
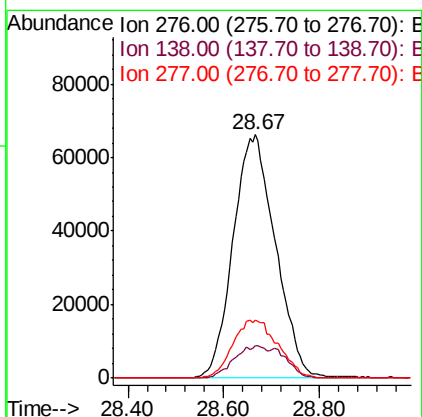
RT: 28.67 min Scan# 4353

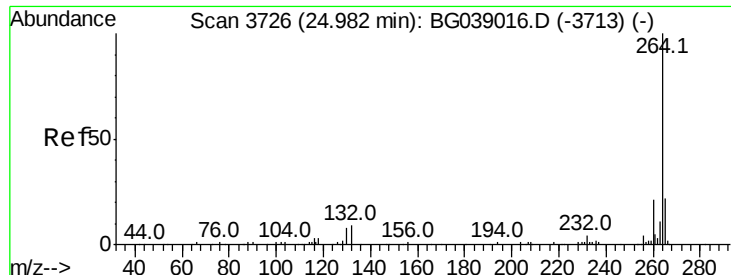
Delta R.T. -0.02 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	276	Resp:	405086
Ion Ratio	Lower	Upper	
276	100		
138	9.8	8.0	12.0
277	11.7	20.3	30.5#





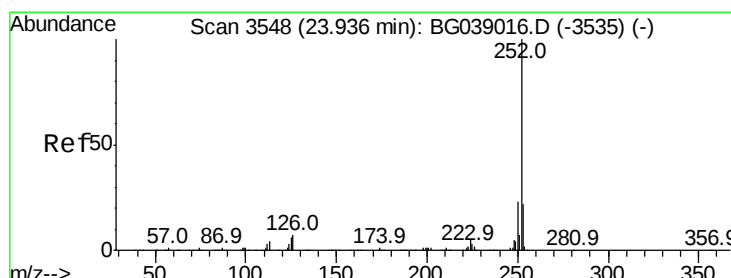
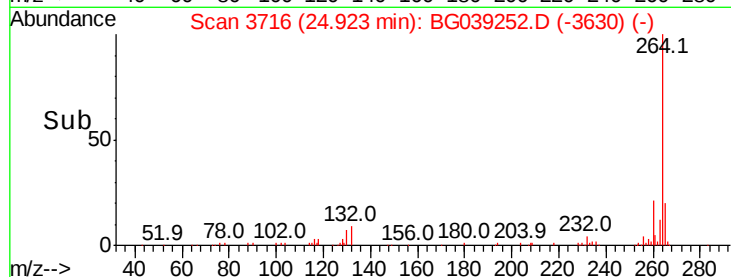
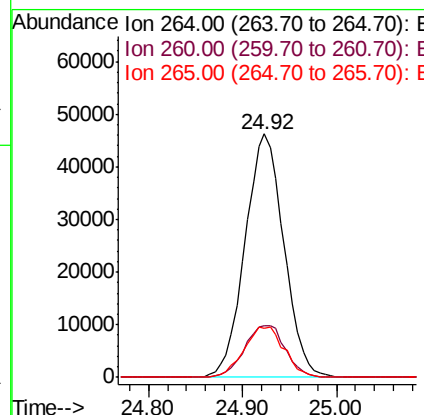
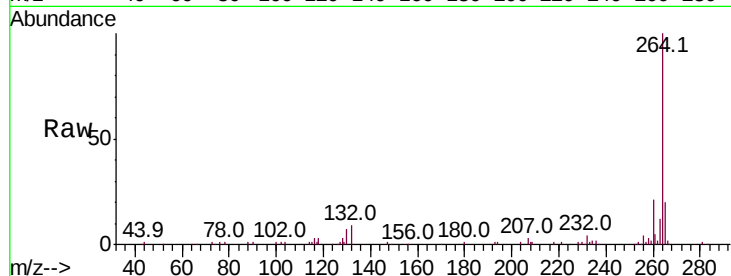
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.0	25.6
265	20.0	17.2	25.8

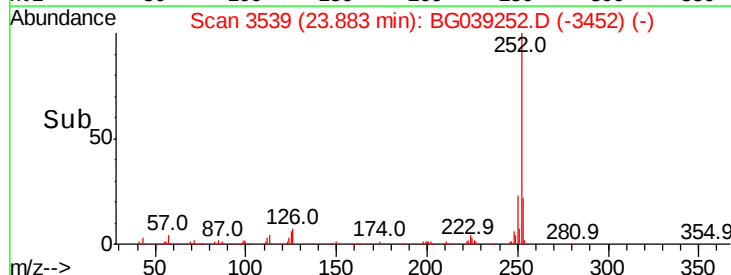
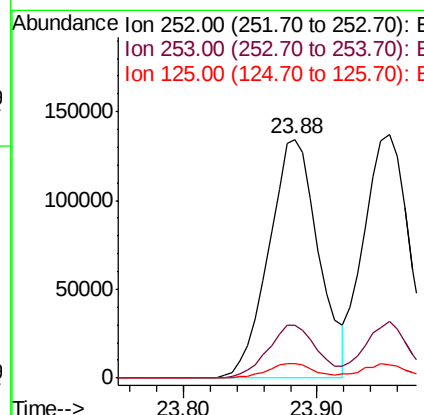
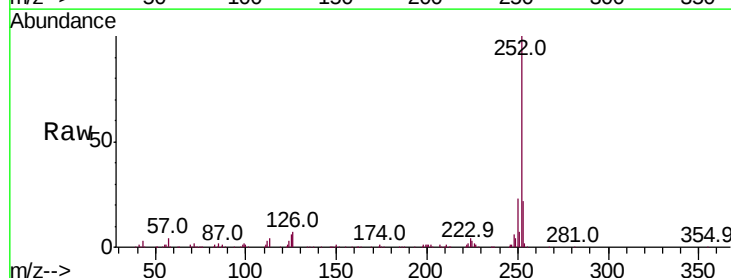
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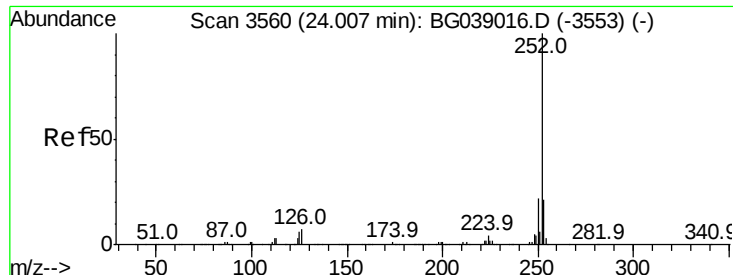
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#88
 Benzo(b)fluoranthene
 Concen: 47.754 ng
 RT: 23.88 min Scan# 3539
 Delta R.T. -0.02 min
 Lab File: BG039252.D
 Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	6.0	4.9	7.3





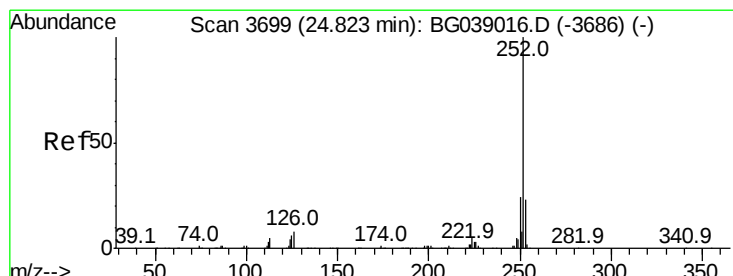
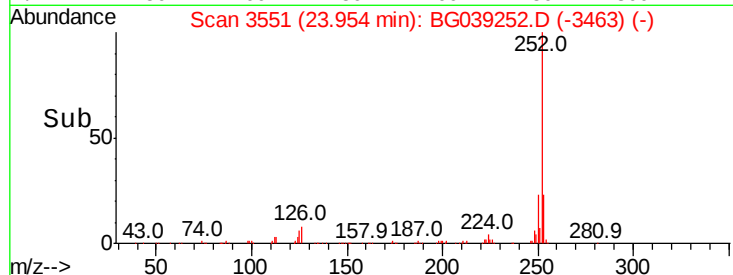
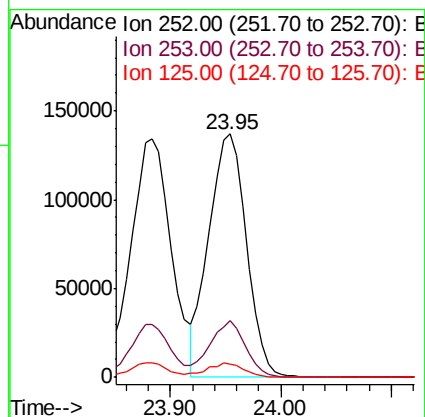
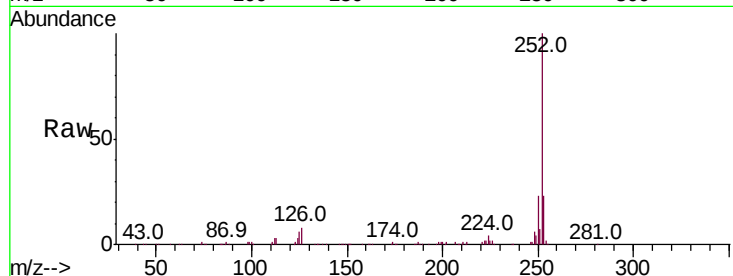
#89
Benzo(k)fluoranthene
Concen: 45.015 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	5.6	4.6	7.0

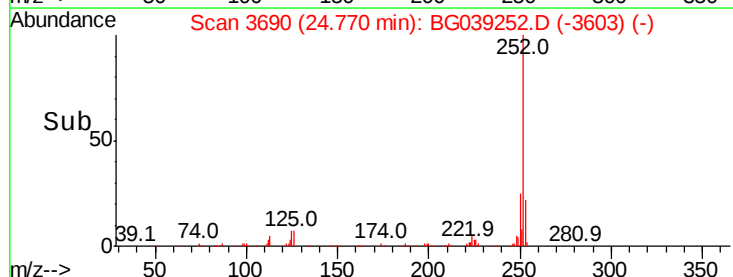
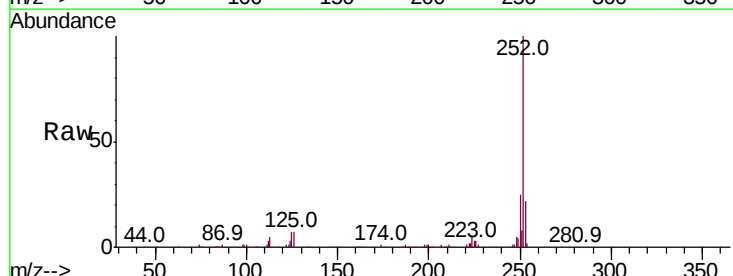
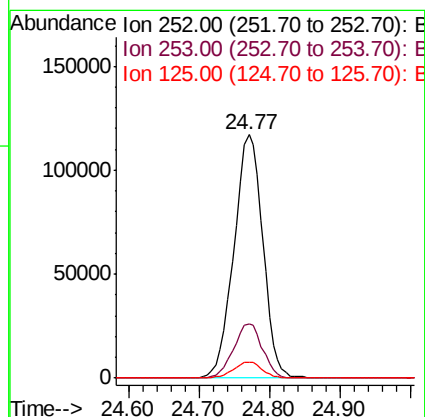
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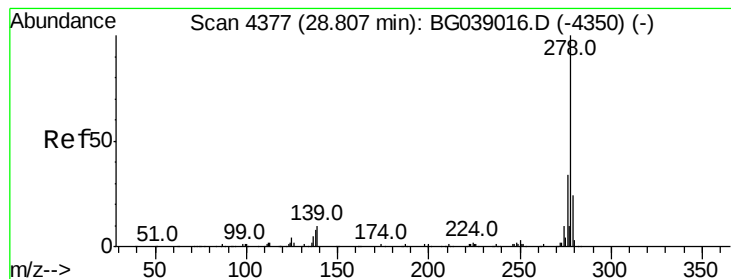
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#90
Benzo(a)pyrene
Concen: 47.364 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039252.D
Acq: 22 Jan 2019 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.7	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 47.983 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Instrument :

BNA_G

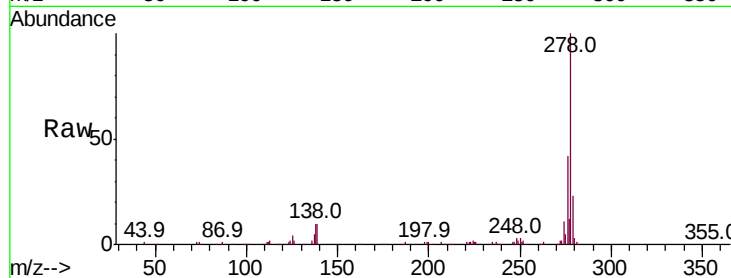
ClientSampleId :

PB116551BSD

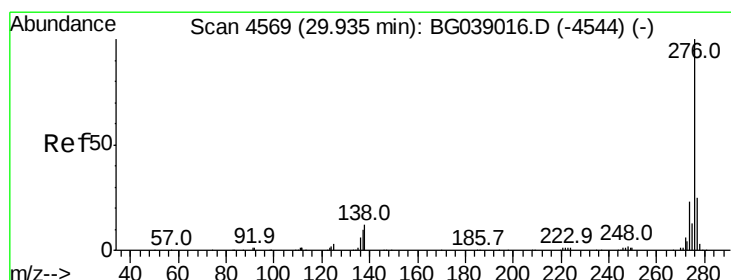
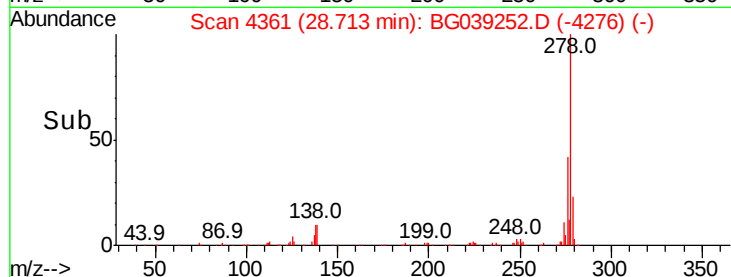
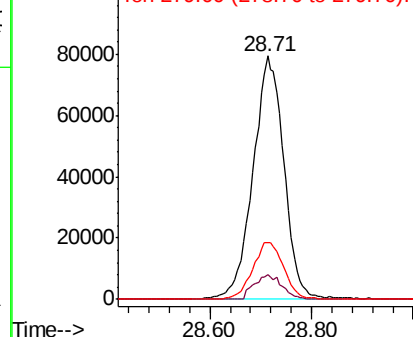
Tot Ion:	278	Resp:	335745
Ion Ratio	Lower	Upper	
278	100		
139	9.9	7.9	11.9
279	23.5	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/23/2019 10:42:46 AM



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: 47.125 ng

RT: 29.84 min Scan# 4553

Delta R.T. -0.03 min

Lab File: BG039252.D

Acq: 22 Jan 2019 15:47

Tgt Ion:	276	Resp:	326443
Ion Ratio	Lower	Upper	
276	100		
277	23.8	20.3	30.5
138	12.1	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

