

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039271.D
 Acq On : 23 Jan 2019 20:08
 Operator : JU/SJ
 Sample : PB116574BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Manual Integrations
 APPROVED

Sohil
 1/24/2019 12:16:18 PM

Quant Time: Jan 24 00:38:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14522	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	58693	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42110	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109133	20.00	ng	0.00
76) Chrysene-d12	21.67	240	111507	20.00	ng	0.00
87) Perylene-d12	24.93	264	114413	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	90872	118.70	ng	0.00
7) Phenol-d6	7.17	99	128880	116.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	74603	69.55	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	71432	101.20	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	213804	69.49	ng	0.00
79) Terphenyl-d14	20.00	244	415792	68.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	7563	25.228	ng	88
3) Pyridine	3.84	79	24967	30.650	ng	91
4) n-Nitrosodimethylamine	3.76	42	14453	39.429	ng	# 89
6) Aniline	7.34	93	21240	16.053	ng	96
8) 2-Chlorophenol	7.57	128	33157	36.743	ng	97
9) Benzaldehyde	7.15	77	11674	18.374	ng	99
10) Phenol	7.20	94	42012	38.036	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	27237	32.264	ng	98
12) 1,3-Dichlorobenzene	7.89	146	33160	30.670	ng	99
13) 1,4-Dichlorobenzene	8.04	146	34123	31.163	ng	96
14) 1,2-Dichlorobenzene	8.36	146	31795	30.454	ng	97
15) Benzyl Alcohol	8.25	79	28987	34.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50574	31.243	ng	98
17) 2-Methylphenol	8.45	107	27675	36.084	ng	96
18) Hexachloroethane	9.08	117	11903	31.997	ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	22589	31.224	ng	# 97
20) 3+4-Methylphenols	8.78	107	41094	37.580	ng	97
22) Acetophenone	8.84	105	48494	31.638	ng	# 96
24) Nitrobenzene	9.23	77	35299	32.559	ng	99
25) Isophorone	9.74	82	64672	35.003	ng	99
26) 2-Nitrophenol	9.94	139	19475	33.210	ng	97
27) 2,4-Dimethylphenol	9.99	122	32677	39.607	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	37814	34.053	ng	100
29) 2,4-Dichlorophenol	10.47	162	41016	40.018	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	37520	30.467	ng	97
31) Naphthalene	10.87	128	97333	33.065	ng	99
32) Benzoic acid	10.16	122	8774m	23.336	ng	
33) 4-Chloroaniline	11.00	127	18863	14.321	ng	98
34) Hexachlorobutadiene	11.13	225	24881	29.362	ng	96
35) Caprolactam	11.78	113	12788	31.114	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	39912	36.408	ng	96
37) 2-Methylnaphthalene	12.48	142	78957	35.775	ng	99
38) 1-Methylnaphthalene	12.69	142	75373	35.580	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	49657	31.399	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	48236	56.008	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	34334	34.495	nq	97
44) 2,4,5-Trichlorophenol	13.16	196	38000	36.122	nq	99
46) 1,1'-Biphenyl	13.48	154	105971	31.759	nq	99
47) 2-Chloronaphthalene	13.53	162	85416	31.634	nq	100
48) 2-Nitroaniline	13.75	65	25793	34.097	nq	95
49) Acenaphthylene	14.38	152	140787	34.689	nq	99
50) Dimethylphthalate	14.10	163	121129	34.039	nq	99
51) 2,6-Dinitrotoluene	14.23	165	26773	33.652	nq	96
52) Acenaphthene	14.71	154	79053	32.420	nq	97
53) 3-Nitroaniline	14.57	138	15490	19.193	nq	92
54) 2,4-Dinitrophenol	14.79	184	5469	16.110	nq	93
55) Dibenzofuran	15.04	168	139872	32.479	nq	99
56) 4-Nitrophenol	14.88	139	33948	58.460	nq	97
57) 2,4-Dinitrotoluene	15.02	165	36783	32.226	nq	95
58) Fluorene	15.70	166	113555	35.030	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.27	232	35014	35.259	nq	99
60) Diethylphthalate	15.45	149	117604	32.077	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	65766	32.202	nq	98
62) 4-Nitroaniline	15.74	138	25926	30.836	nq	96
63) Azobenzene	15.97	77	91159	31.794	nq	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	11819	14.618	nq	98
66) n-Nitrosodiphenylamine	15.90	169	103301	31.930	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	44219	31.521	nq	94
68) Hexachlorobenzene	16.70	284	46401	30.312	nq	95
69) Atrazine	16.84	200	43018	31.300	nq	96
70) Pentachlorophenol	17.05	266	52384	57.171	nq	92
71) Phenanthrene	17.44	178	192917	33.444	nq	99
72) Anthracene	17.53	178	195929	34.353	nq	99
73) Carbazole	17.81	167	169994	30.193	nq	100
74) Di-n-butylphthalate	18.34	149	203322	32.461	nq	98
75) Fluoranthene	19.45	202	254525	35.593	nq	98
77) Benzidine	19.63	184	42081	12.338	nq	98
78) Pyrene	19.82	202	251609	35.407	nq	99
80) Butylbenzylphthalate	20.68	149	91170	33.732	nq	99
81) Benzo(a)anthracene	21.65	228	242283	35.693	nq	97
82) 3,3'-Dichlorobenzidine	21.57	252	46781	16.915	nq	98
83) Chrysene	21.72	228	223801	34.666	nq	100
84) Bis(2-ethylhexyl)phthalate	21.51	149	128254	34.176	nq	95
85) Di-n-octyl phthalate	22.72	149	217665	34.301	nq	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	281682	36.514	nq	# 97
88) Benzo(b)fluoranthene	23.89	252	234218	37.126	nq	100
89) Benzo(k)fluoranthene	23.95	252	232816	37.325	nq	98
90) Benzo(a)pyrene	24.77	252	228336	37.445	nq	99
91) Dibenzo(a,h)anthracene	28.72	278	233162	38.442	nq	99
92) Benzo(g,h,i)perylene	29.83	276	233686	38.918	nq	97

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



#1

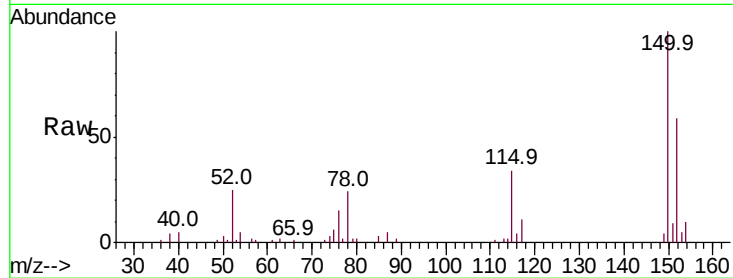
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
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ClientSampleId :
PB116574BS

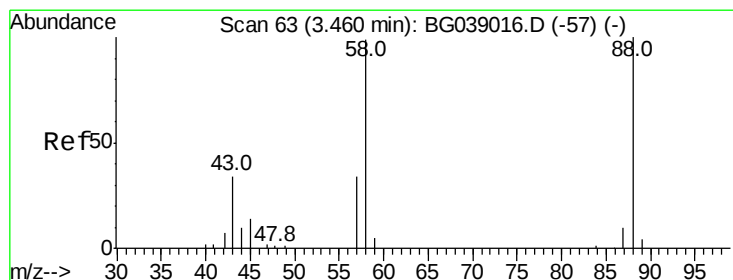
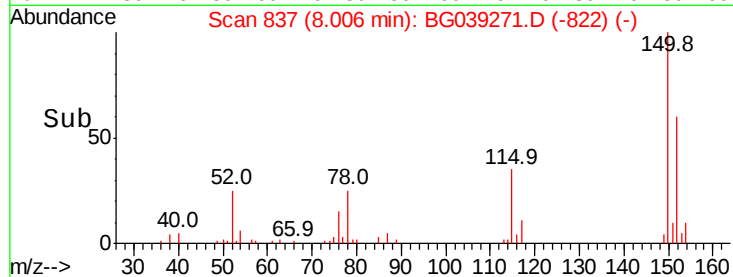
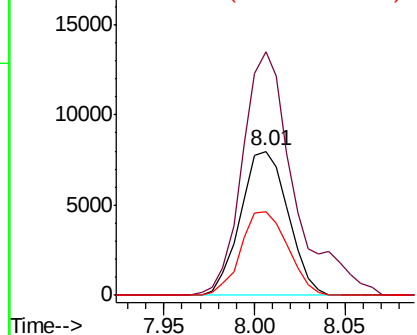
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.1	124.7	187.1
115	58.2	46.5	69.7

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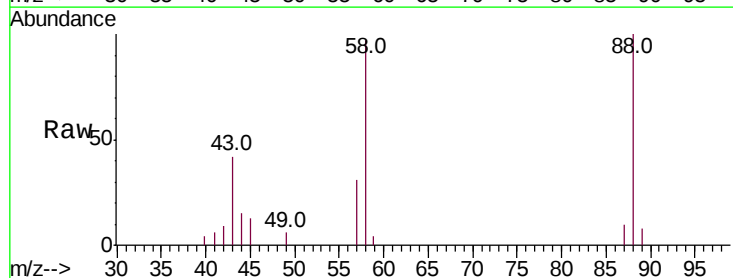
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



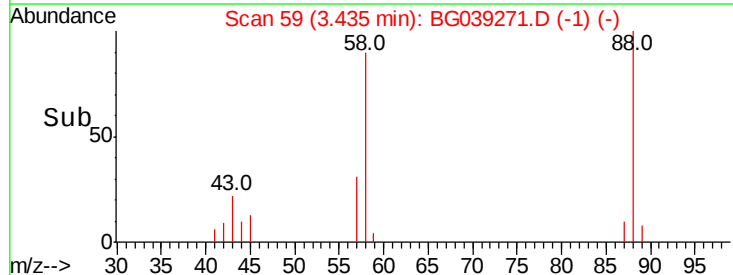
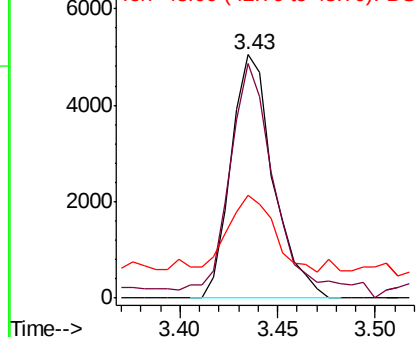
#2

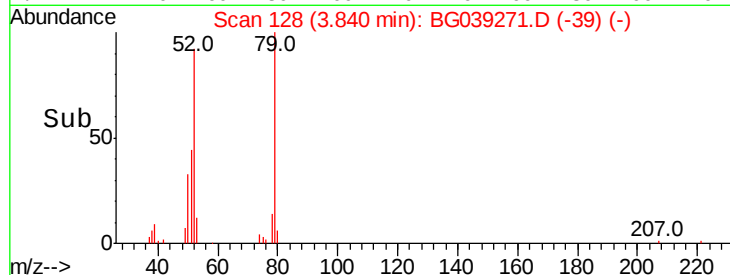
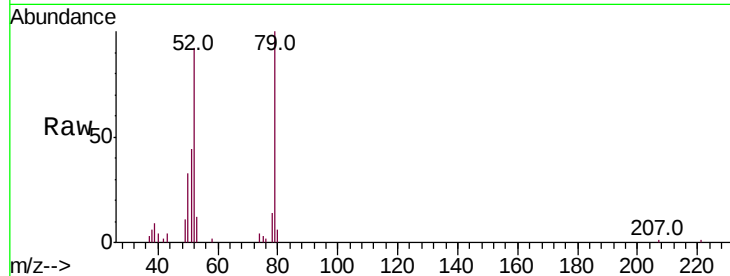
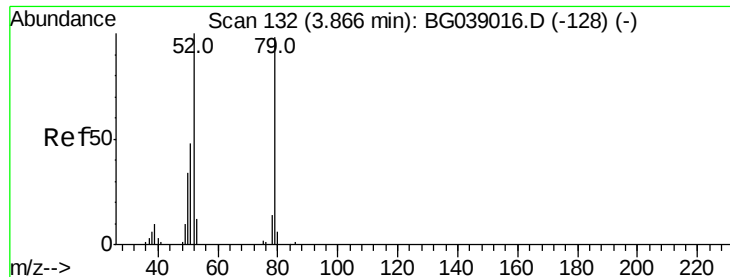
1,4-Dioxane
Concen: 25.228 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.5	72.4	108.6
43	34.1	27.6	41.4



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





#3

Pvridine

Concen: 30.650 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

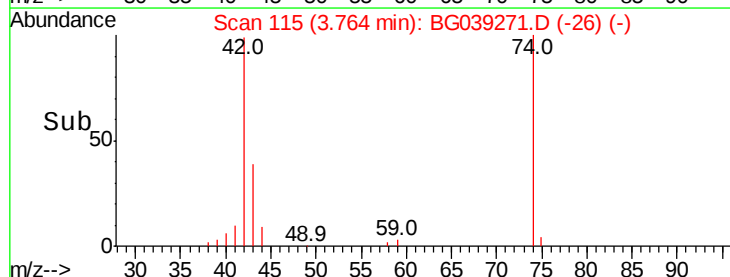
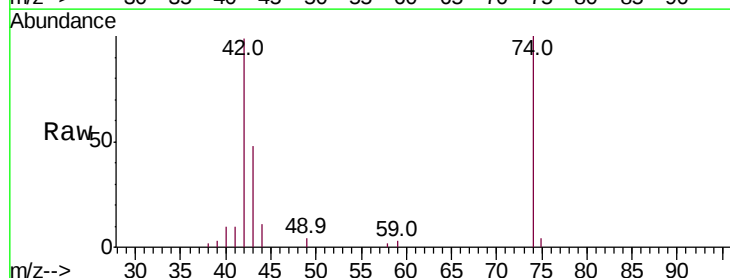
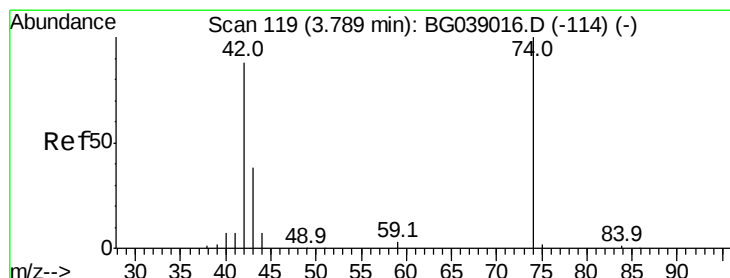
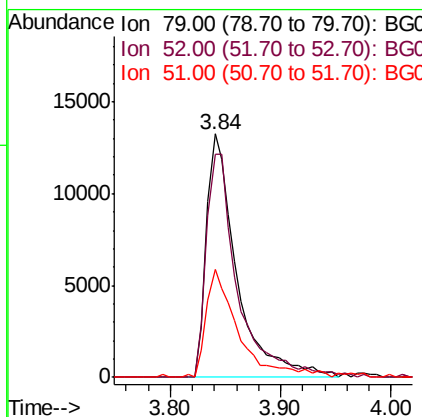
Tot Ion: 79 Resp: 24967

Ion	Ratio	Lower	Upper
79	100		
52	91.8	81.5	122.3
51	44.4	39.8	59.6

Instrument :
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#4

n-Nitrosodimethylamine

Concen: 39.429 ng

RT: 3.76 min Scan# 115

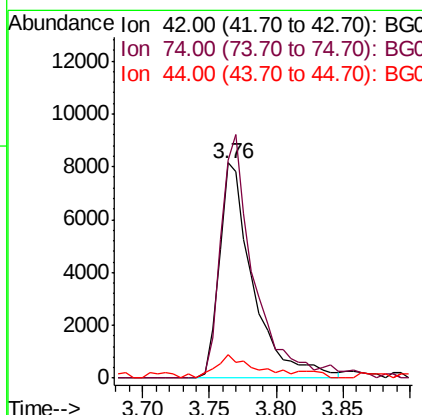
Delta R.T. -0.01 min

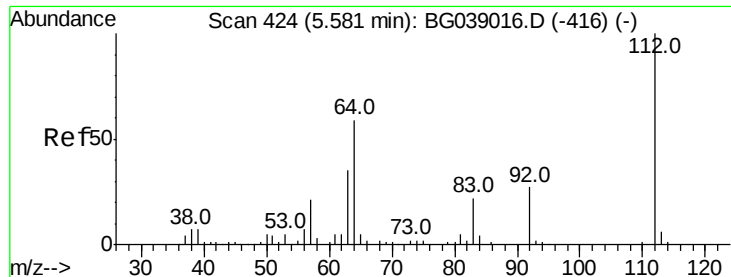
Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion: 42 Resp: 14453

Ion	Ratio	Lower	Upper
42	100		
74	101.3	90.7	136.1
44	10.9	6.5	9.7#





#5

2-Fluorophenol

Concen: 118.704 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

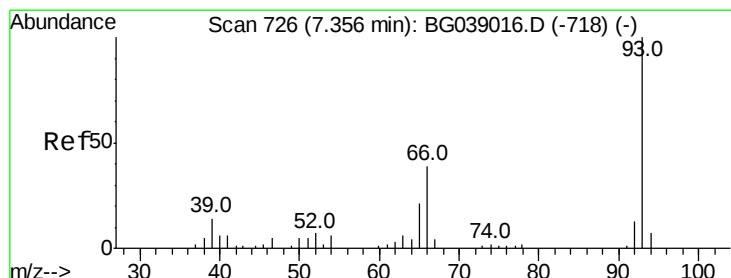
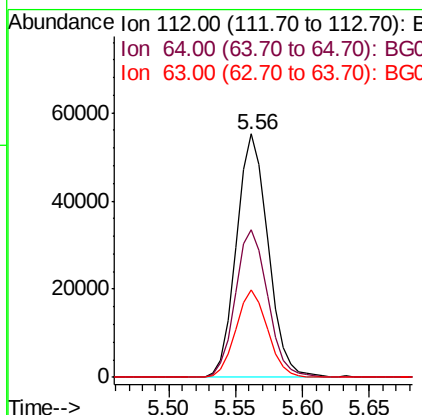
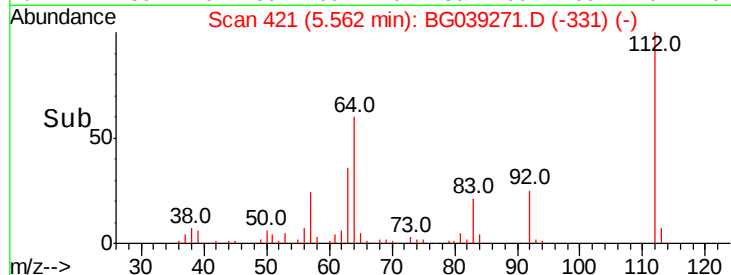
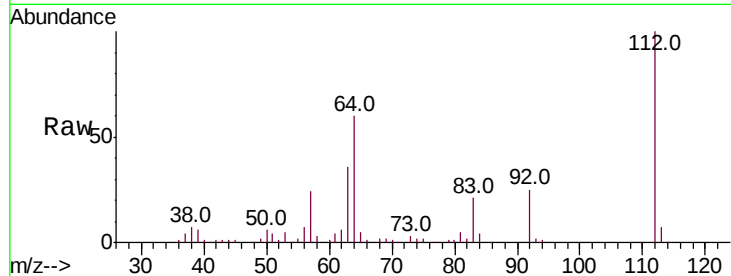
ClientSampleId :

PB116574BS

Tot Ion:	112	Resp:	90872
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.0	70.6
63	35.7	28.0	42.0

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#6

Aniline

Concen: 16.053 ng

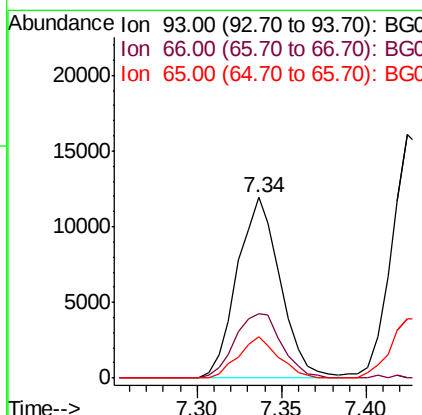
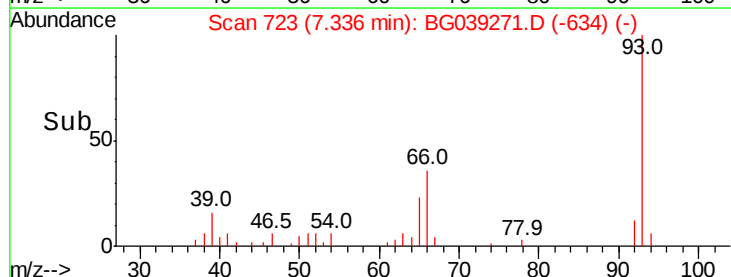
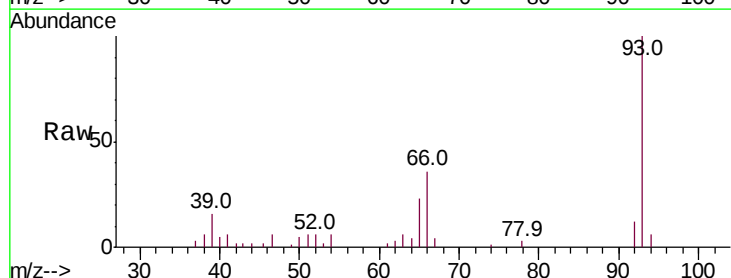
RT: 7.34 min Scan# 723

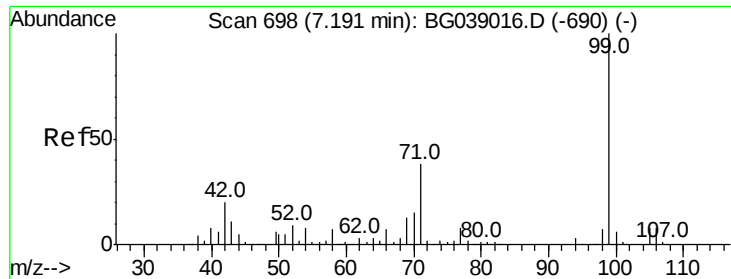
Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	93	Resp:	21240
Ion Ratio	Lower	Upper	
93	100		
66	35.9	30.9	46.3
65	22.8	17.0	25.4





#7

Phenol-d6

Concen: 116.983 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

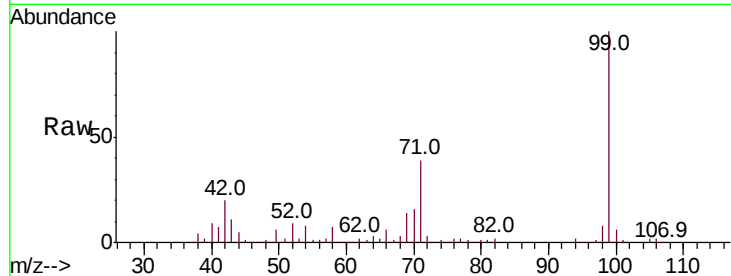
ClientSampleId :

PB116574BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		128880		
42	20.1	15.8	23.6		
71	39.0	30.2	45.4		

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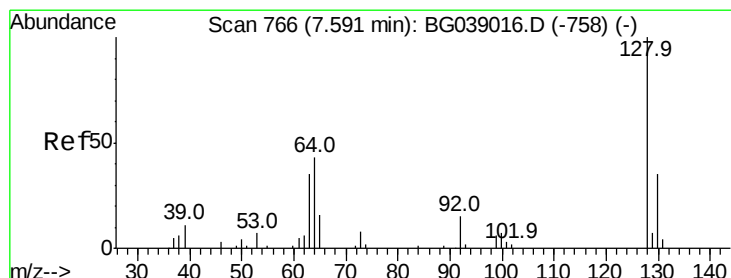
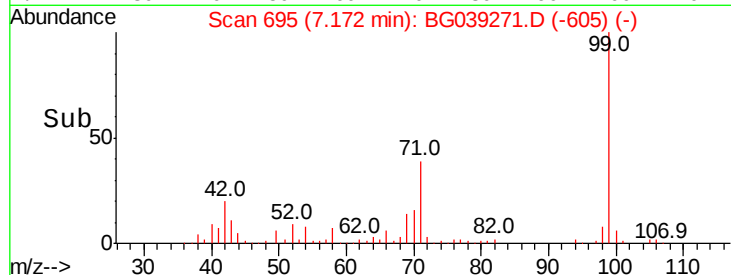
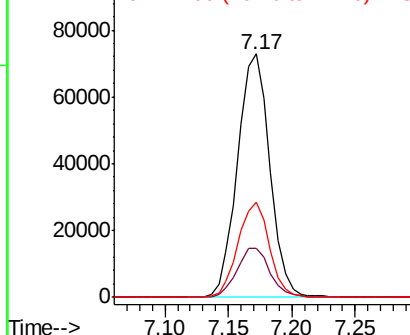


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.743 ng

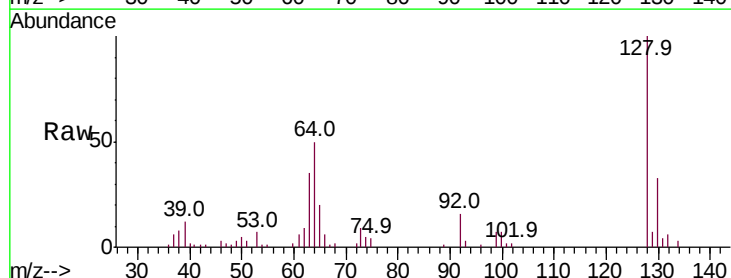
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		33157		
130	33.4	14.5	54.5		
64	50.1	27.3	67.3		

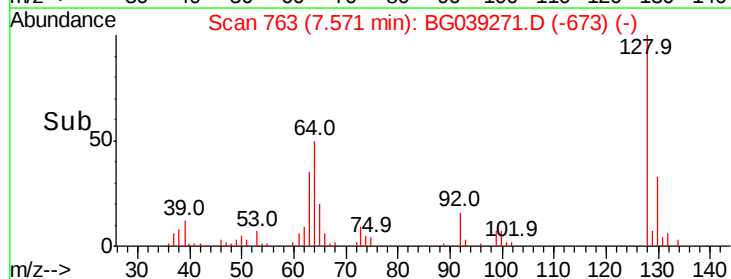
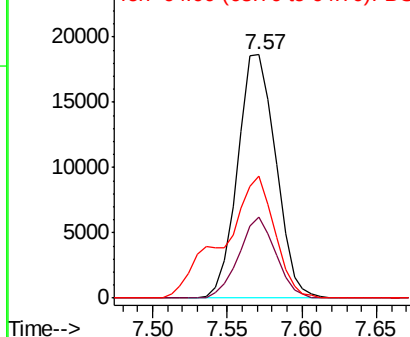


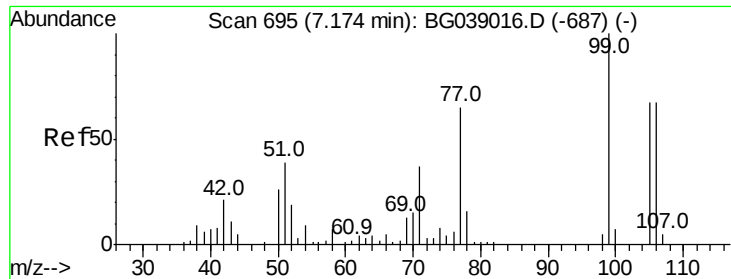
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.374 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

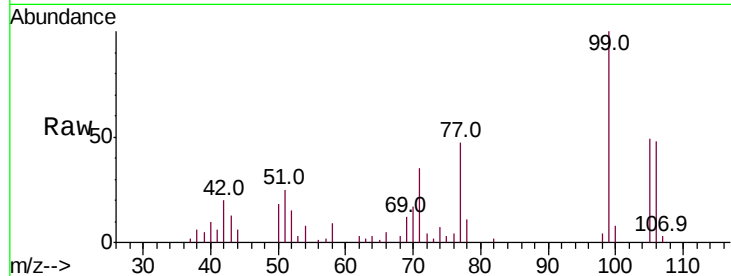
ClientSampled :

PB116574BS

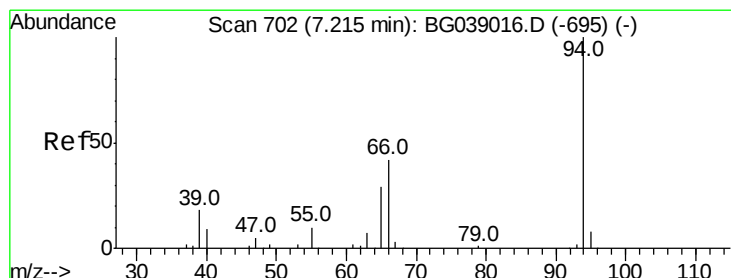
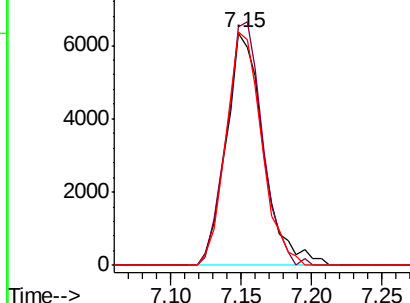
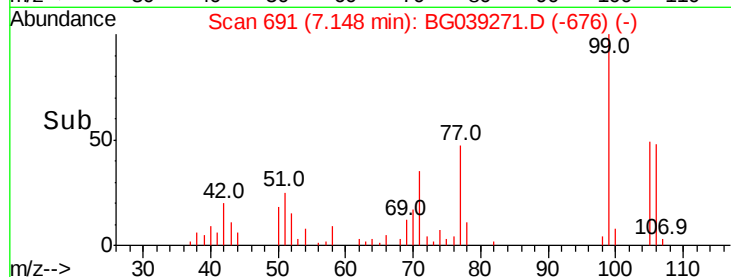
Tot Ion:	77	Resp:	11674
Ion	Ratio	Lower	Upper
77	100		
105	102.9	82.4	122.4
106	100.6	82.8	122.8

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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: 38.036 ng

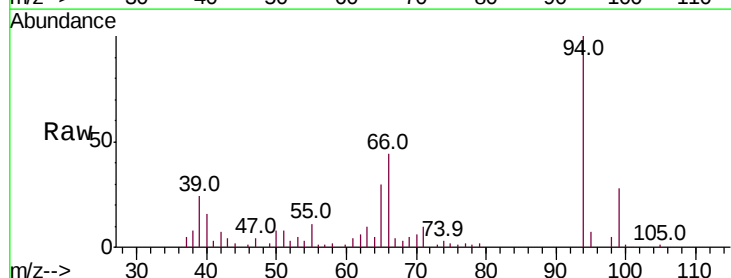
RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

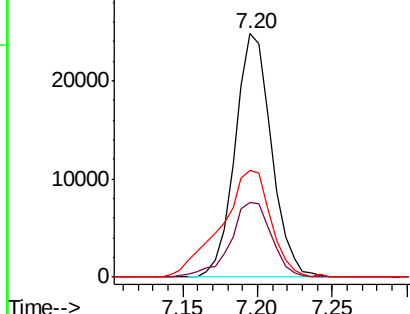
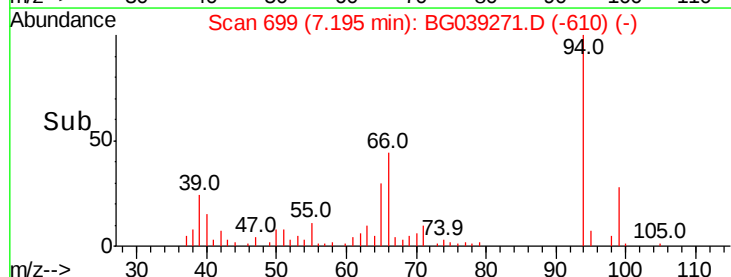
Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	94	Resp:	42012
Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.3	50.3
66	44.1	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: 32.264 ng

RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

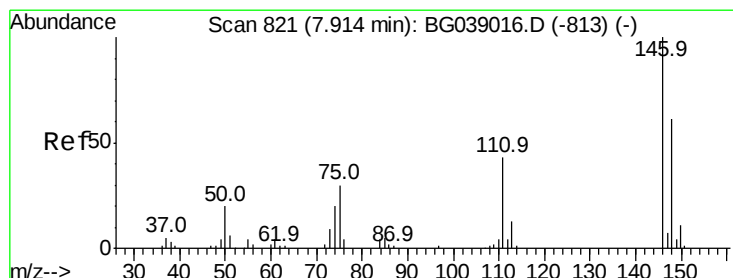
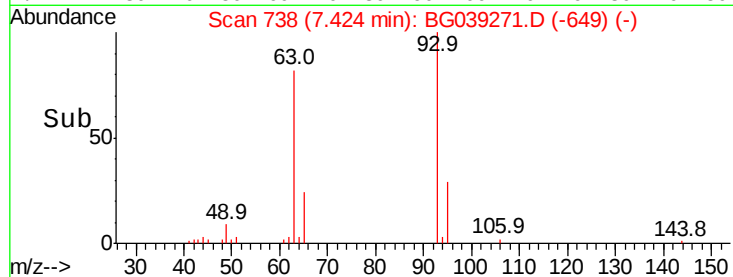
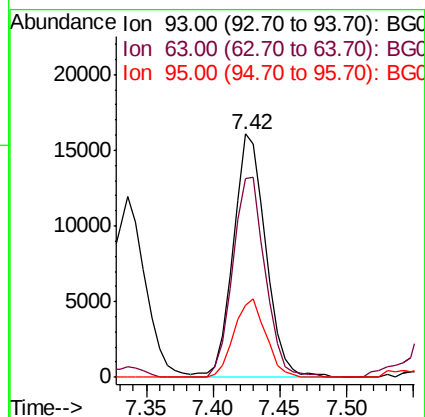
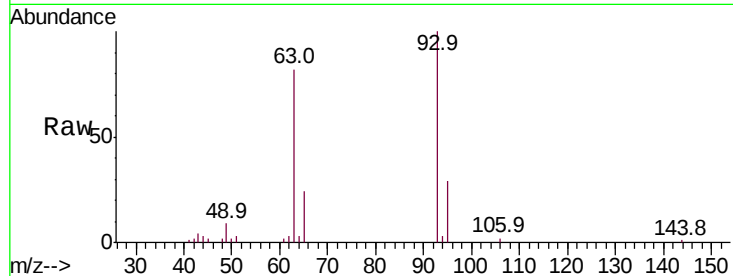
ClientSampleId :

PB116574BS

Tot Ion:	93	Resp:	27237
Ion	Ratio	Lower	Upper
93	100		
63	81.6	63.2	103.2
95	29.5	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 30.670 ng

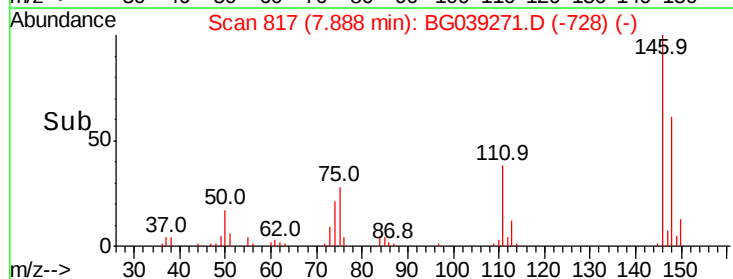
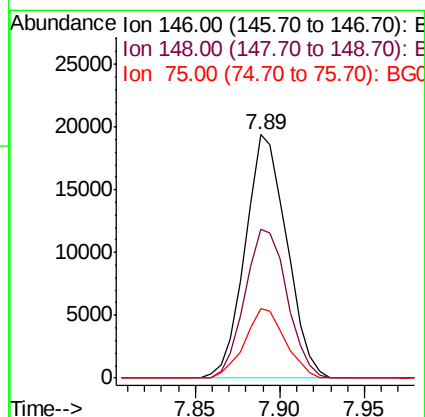
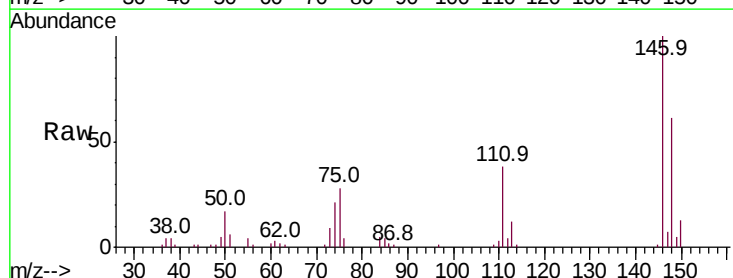
RT: 7.89 min Scan# 817

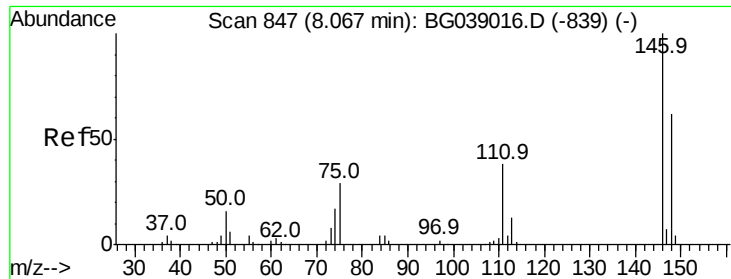
Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	146	Resp:	33160
Ion	Ratio	Lower	Upper
146	100		
148	61.2	49.1	73.7
75	28.4	23.9	35.9





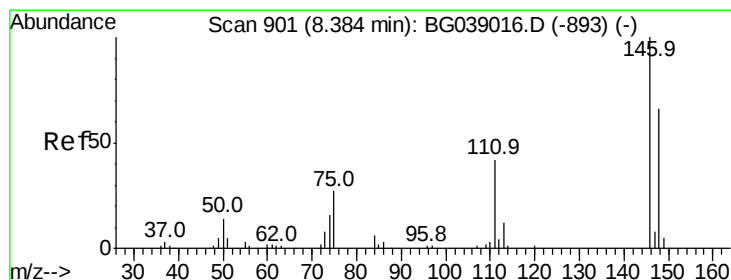
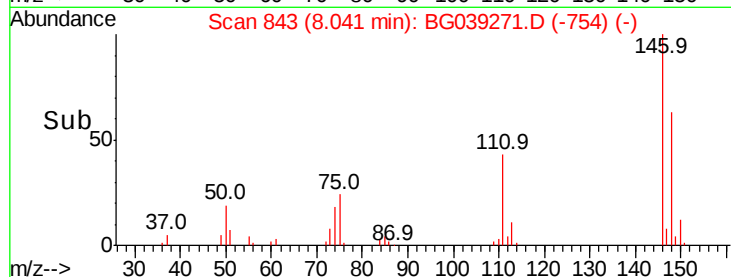
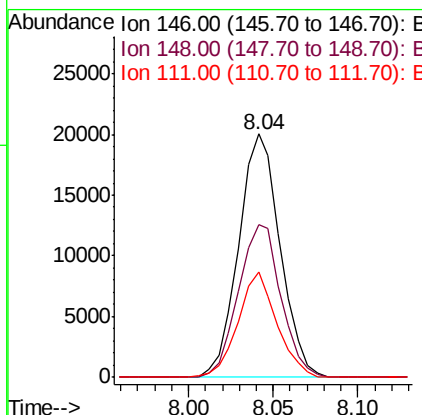
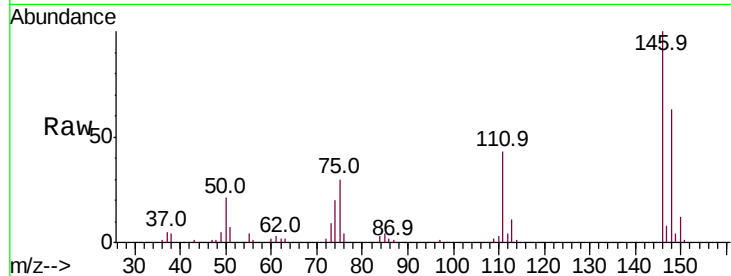
#13
 1,4-Dichlorobenzene
 Concen: 31.163 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleID :
 PB116574BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.8	74.6
111	43.3	30.6	45.8

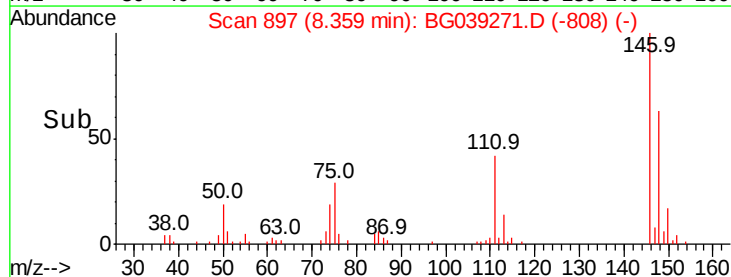
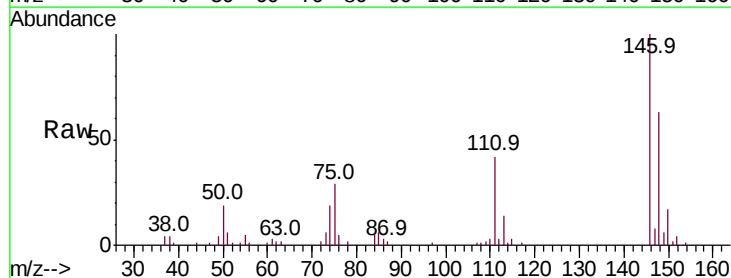
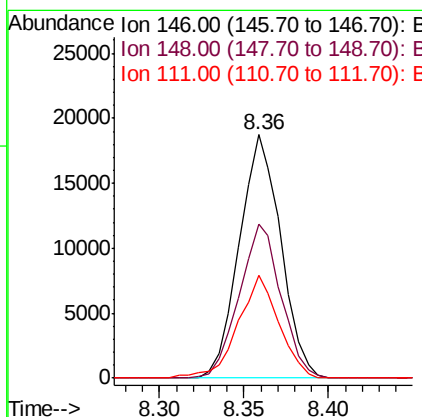
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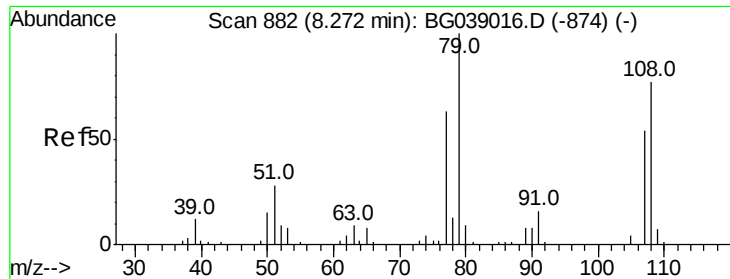
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#14
 1,2-Dichlorobenzene
 Concen: 30.454 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.6	79.0
111	42.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 34.938 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

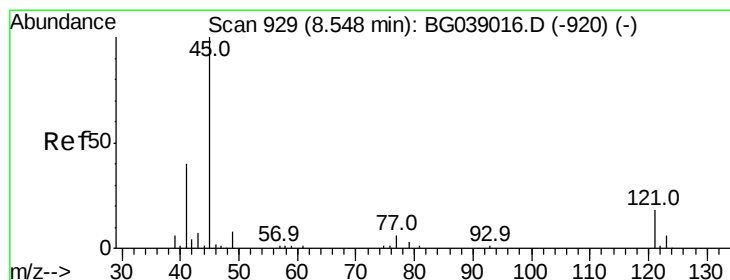
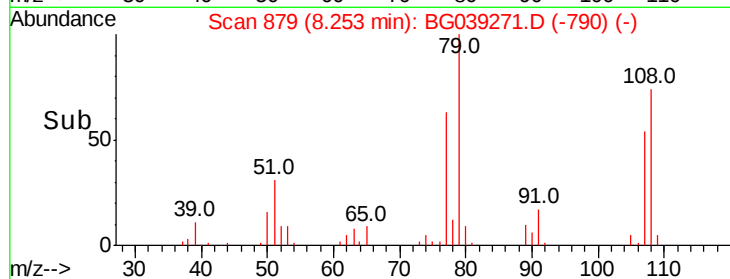
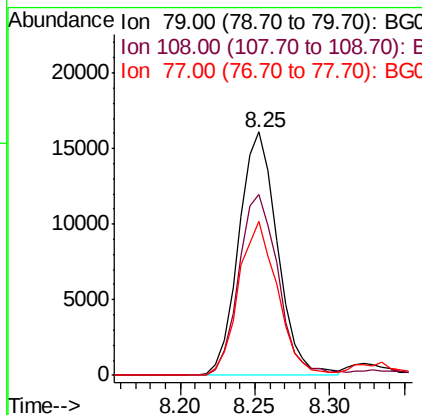
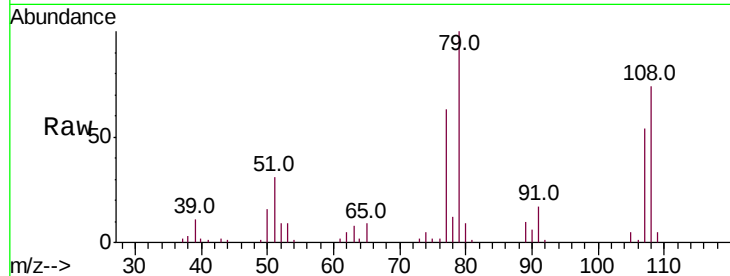
ClientSampleId :

PB116574BS

Tot Ion:	79	Resp:	28987
Ion Ratio	Lower	Upper	
79	100		
108	74.4	62.0	93.0
77	63.5	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.243 ng

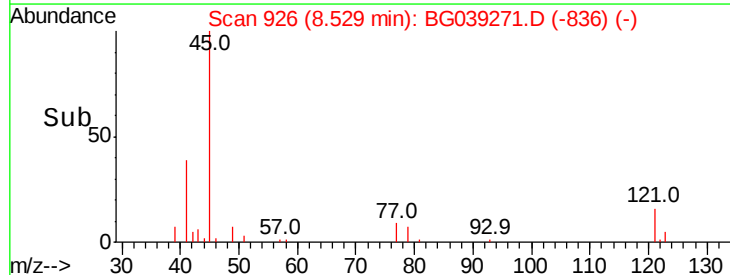
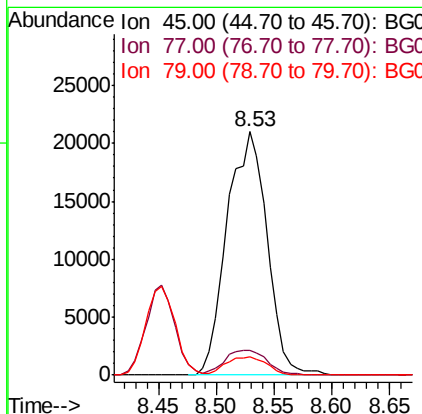
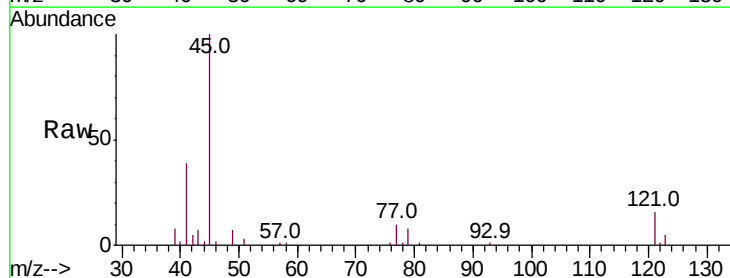
RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	45	Resp:	50574
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.7
79	7.5	0.0	28.5





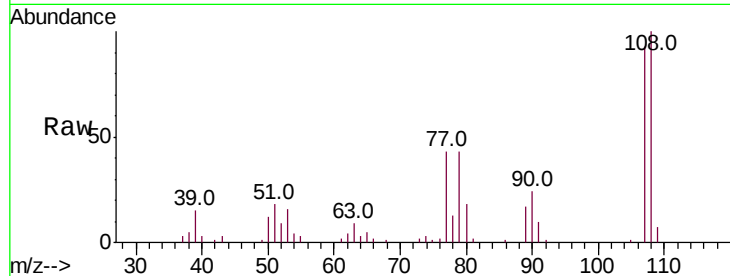
#17
2-Methylphenol
Concen: 36.084 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleID :
PB116574BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.3	135.5
77	46.8	38.3	57.5
79	46.5	35.8	53.6

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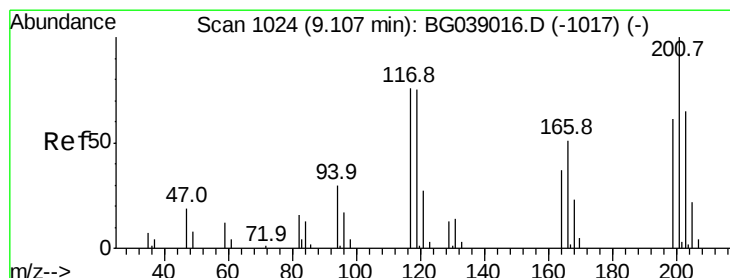
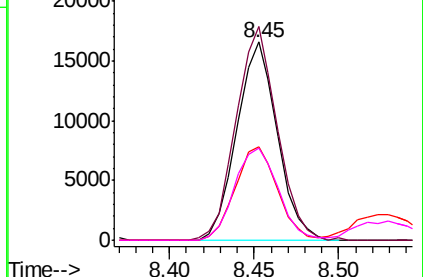
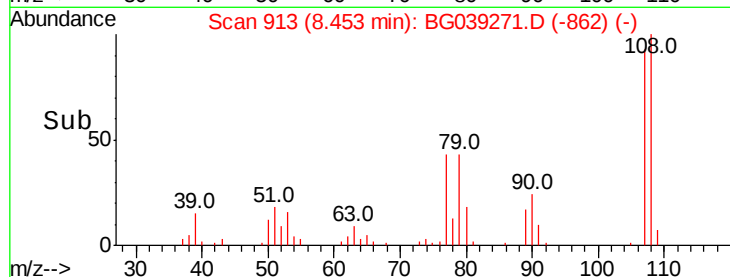
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

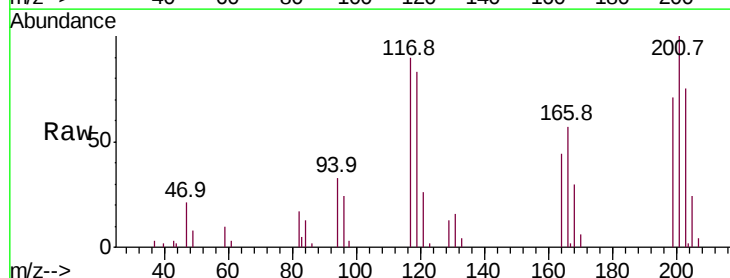
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 31.997 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	78.7	118.1
201	111.3	108.1	162.1

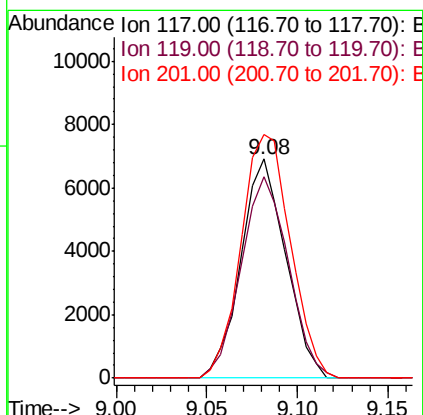
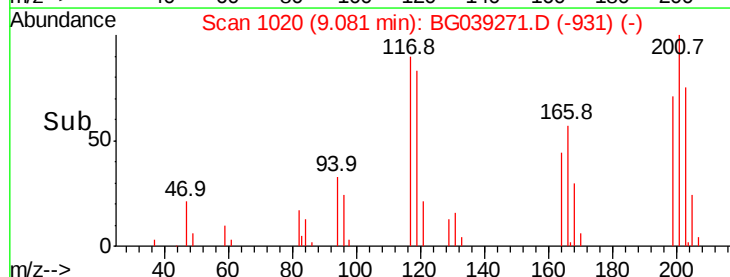


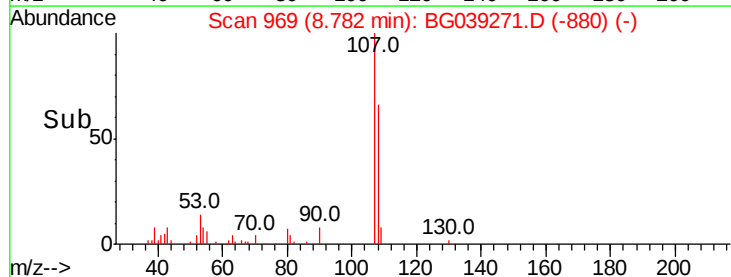
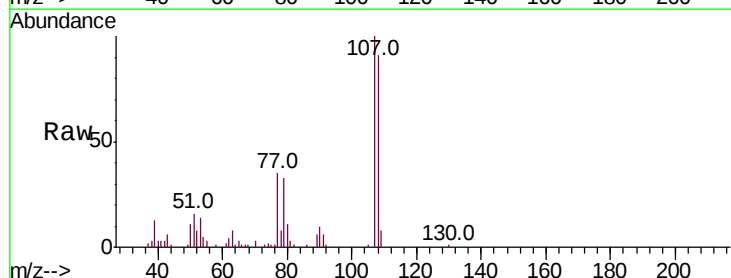
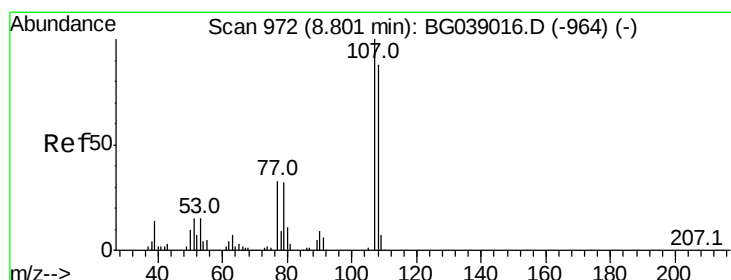
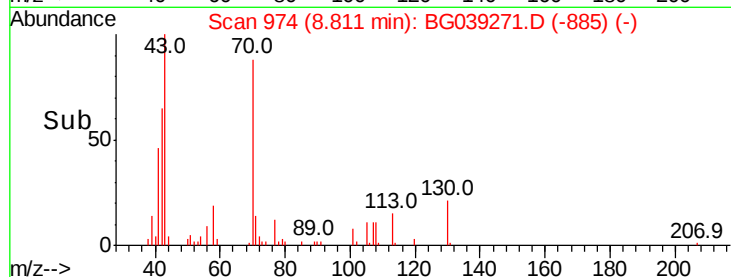
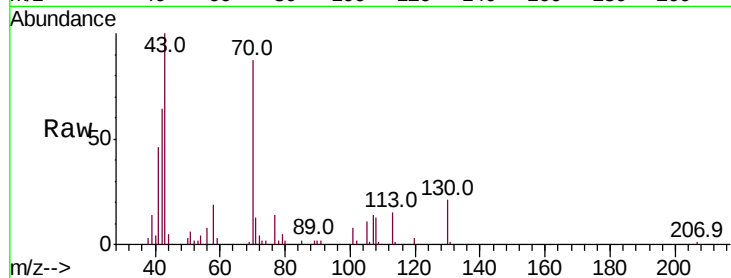
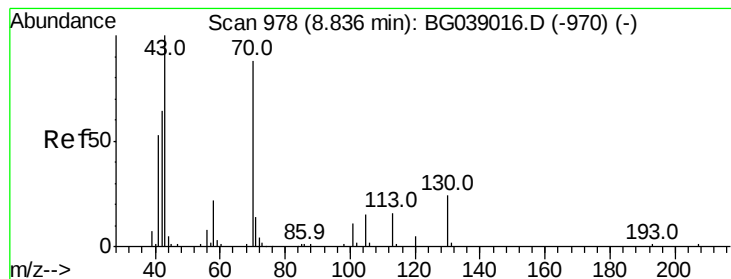
Abundance

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: 31.224 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

ClientSampleId :

PB116574BS

Tot Ion: 70 Resp: 22589

Ion Ratio Lower Upper

70 100

42 74.1 59.0 88.4

101 9.4 10.4 15.6#

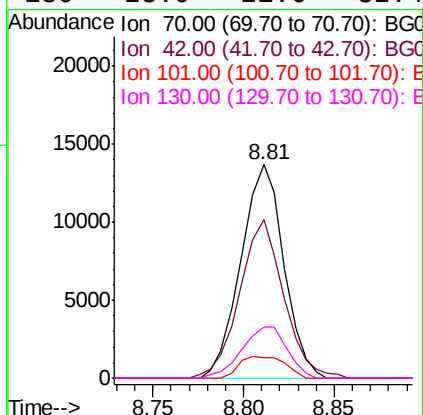
130 23.9 21.6 32.4

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#20

3+4-Methylphenols

Concen: 37.580 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion: 107 Resp: 41094

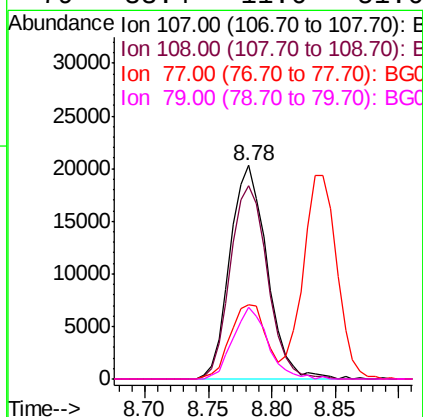
Ion Ratio Lower Upper

107 100

108 90.5 68.4 108.4

77 35.0 13.3 53.3

79 33.4 11.6 51.6





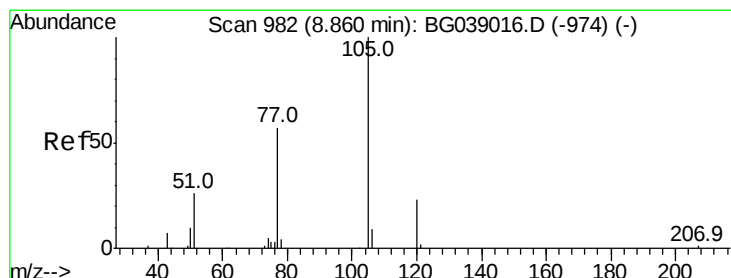
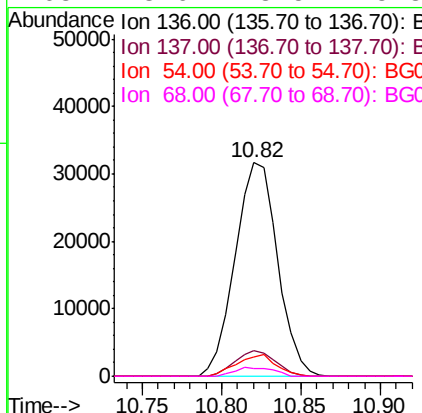
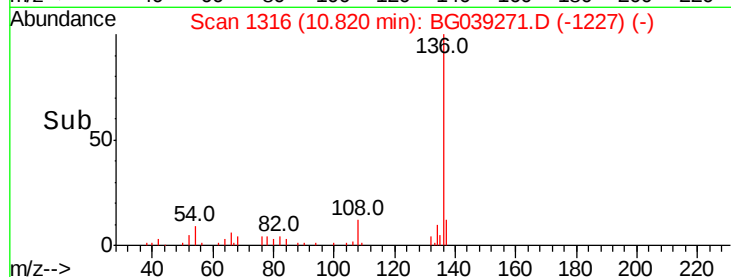
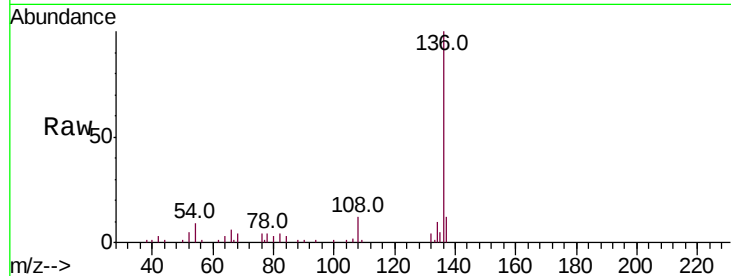
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	58693		
137	12.1		9.4	14.2
54	9.1		7.2	10.8
68	3.6		3.5	5.3

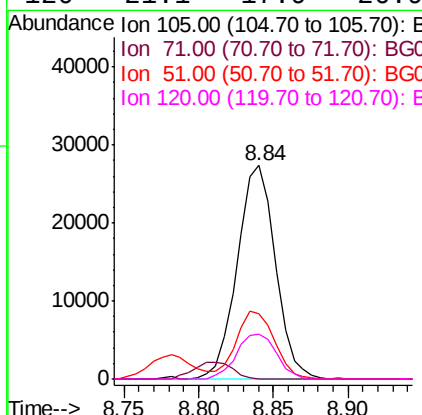
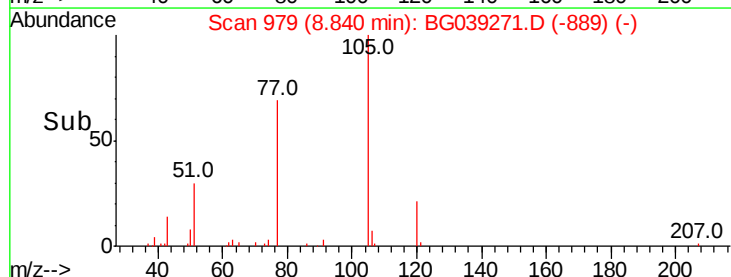
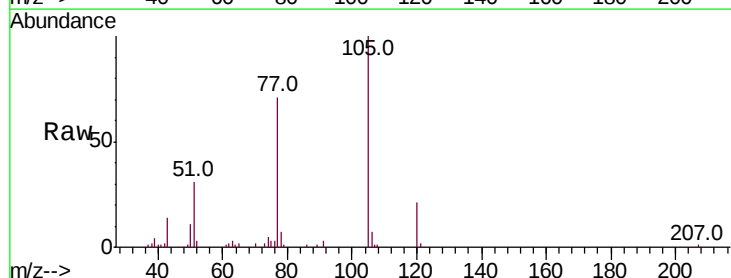
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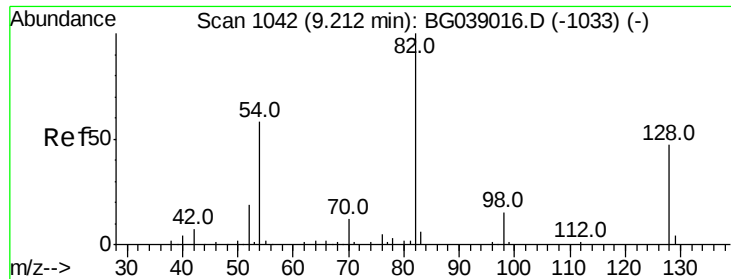
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#22
Acetophenone
Concen: 31.638 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	48494		
71	0.0		0.6	1.0#
51	30.7		26.6	39.8
120	21.1		17.9	26.9





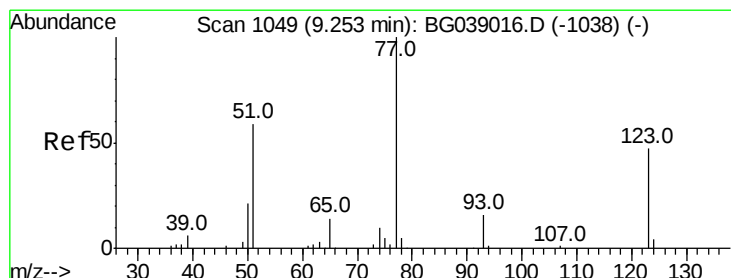
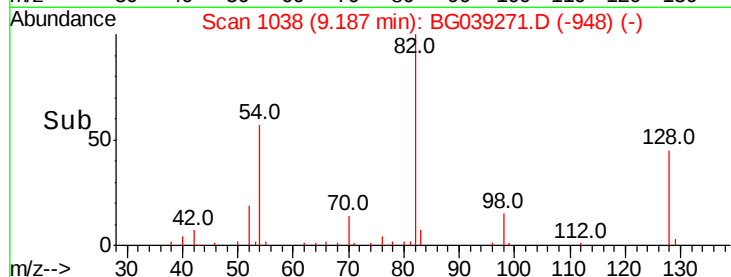
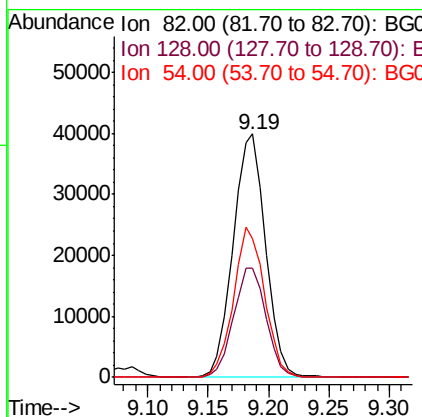
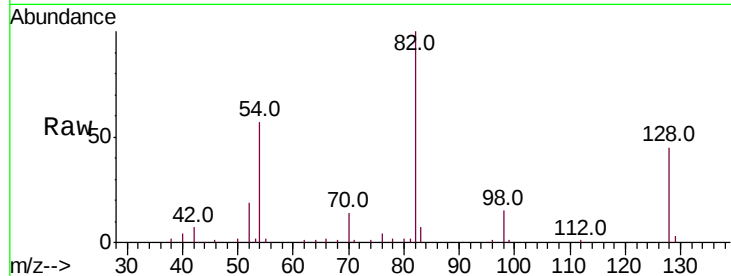
#23
Nitrobenzene-d5
Concen: 69.552 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampled :
PB116574BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.3	55.9
54	57.0	46.4	69.6

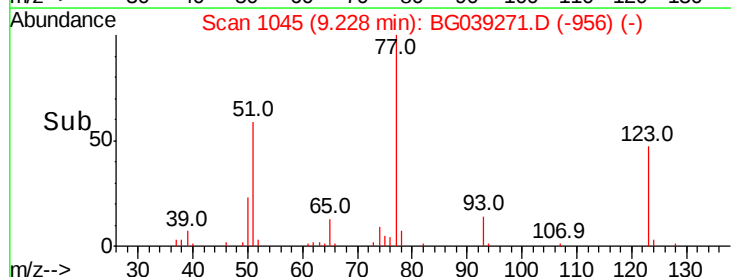
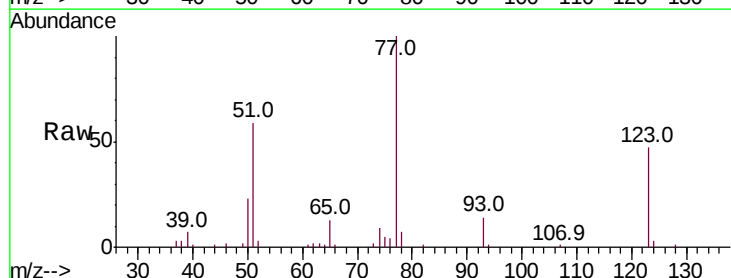
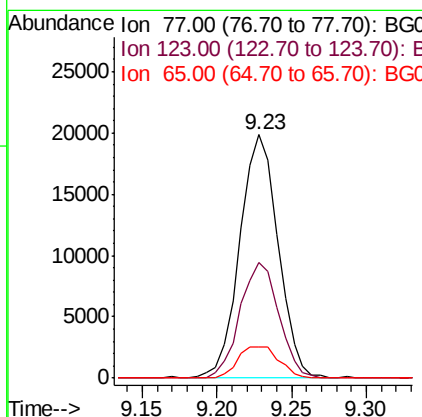
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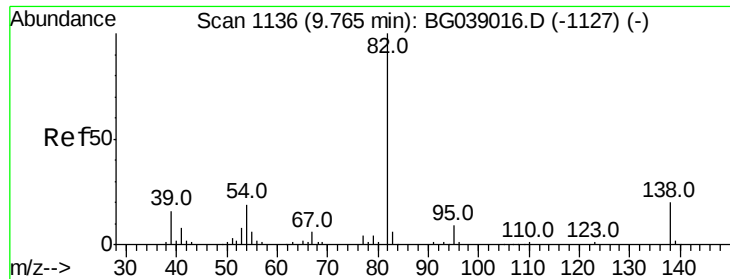
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#24
Nitrobenzene
Concen: 32.559 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.6	56.4
65	12.8	11.0	16.6





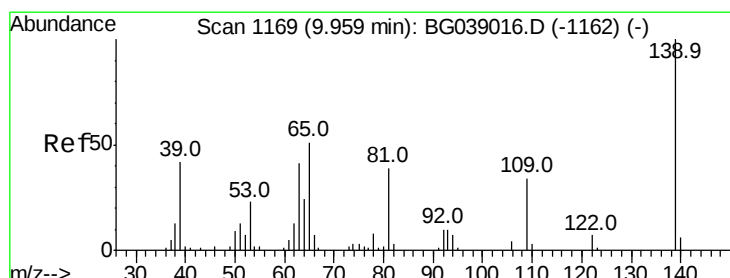
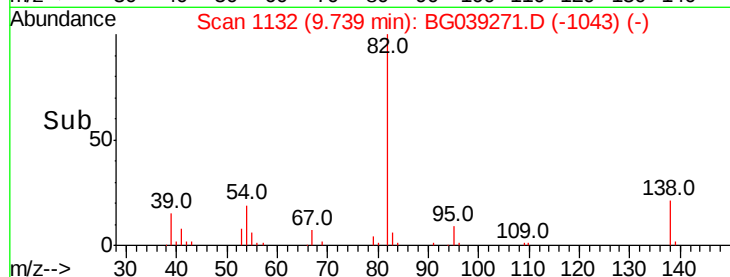
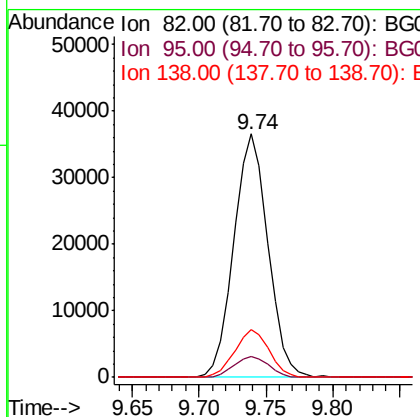
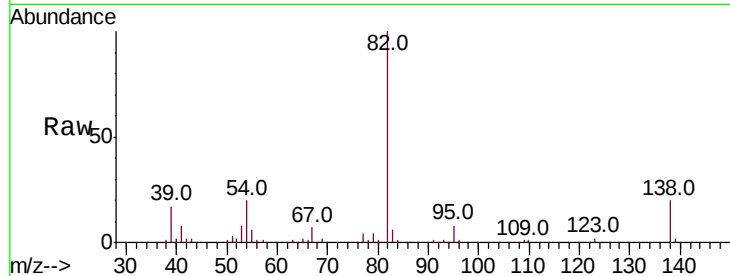
#25
Isophorone
Concen: 35.003 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.4	7.0	10.6
138	19.8	16.2	24.4

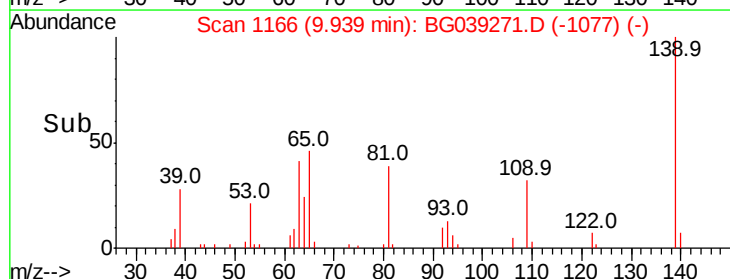
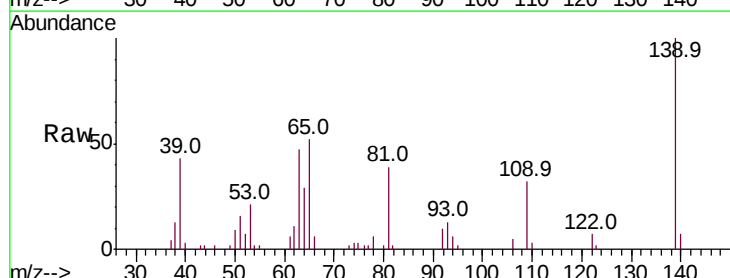
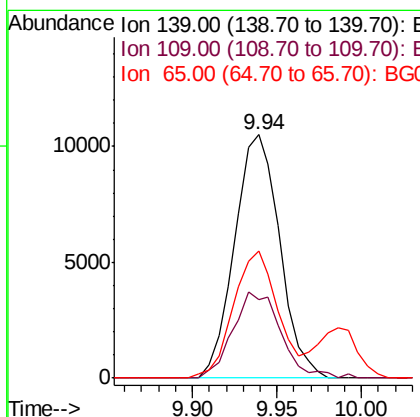
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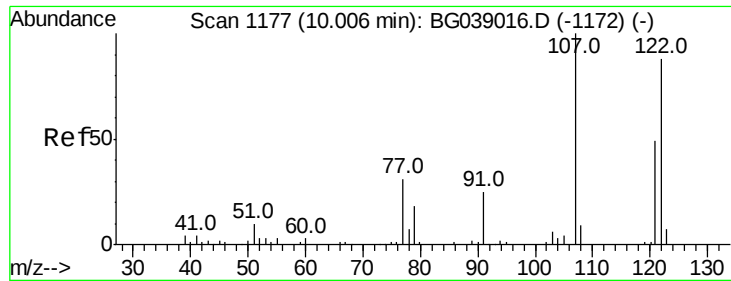
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#26
2-Nitrophenol
Concen: 33.210 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.1	27.3	40.9
65	52.4	40.6	61.0





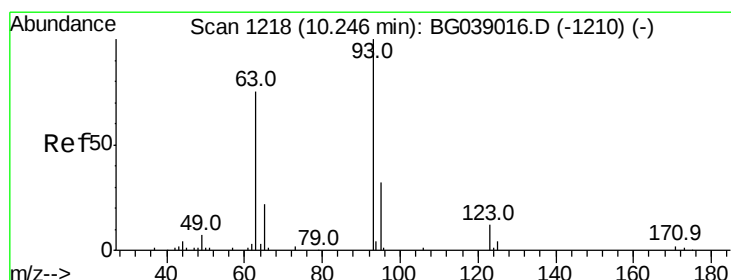
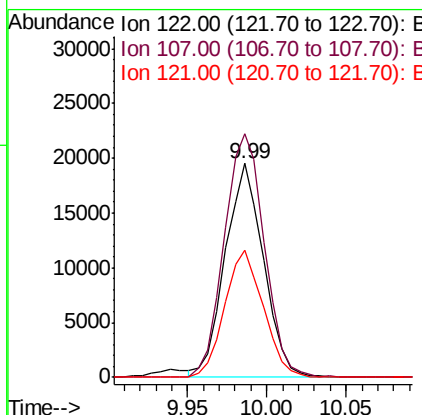
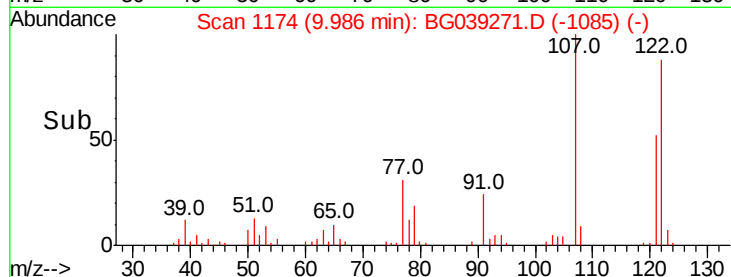
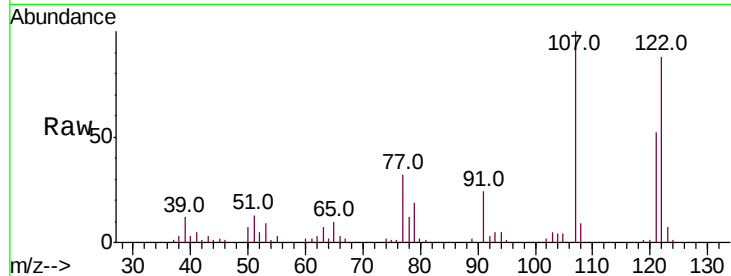
#27
 2,4-Dimethylphenol
 Concen: 39.607 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.8	133.2
121	59.6	43.1	64.7

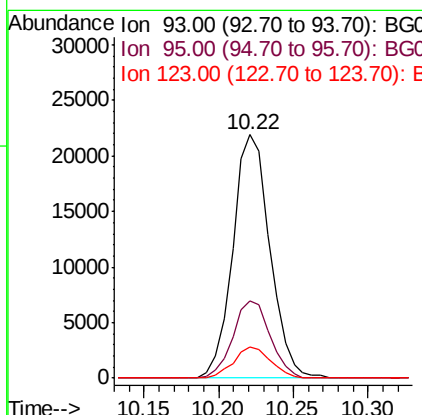
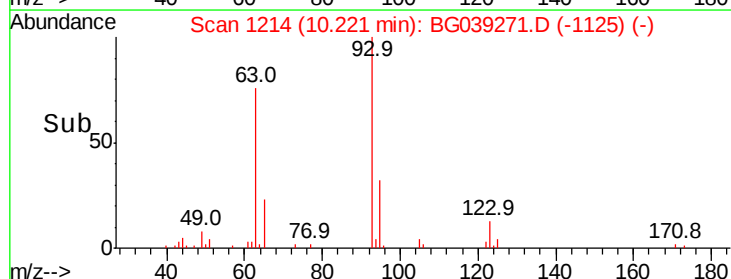
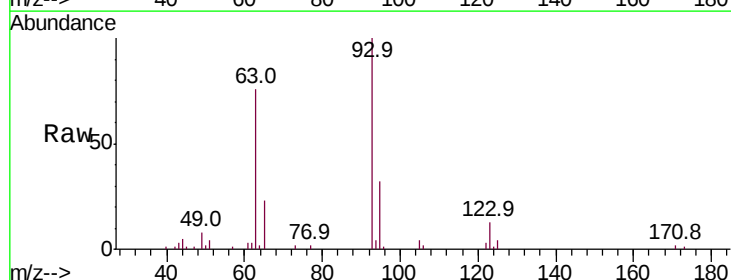
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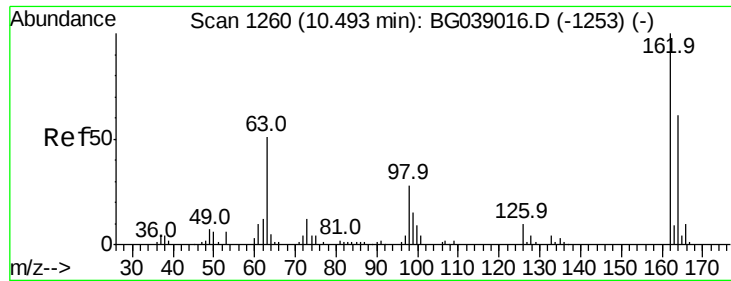
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.053 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.6	38.4
123	12.9	10.1	15.1





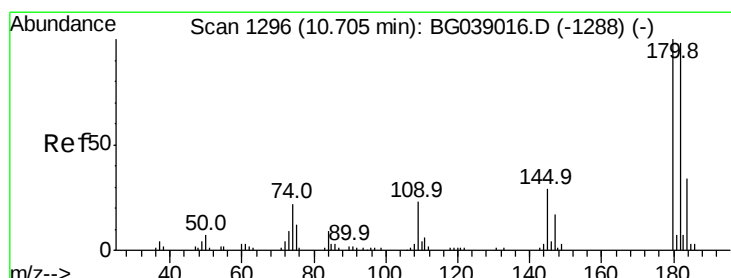
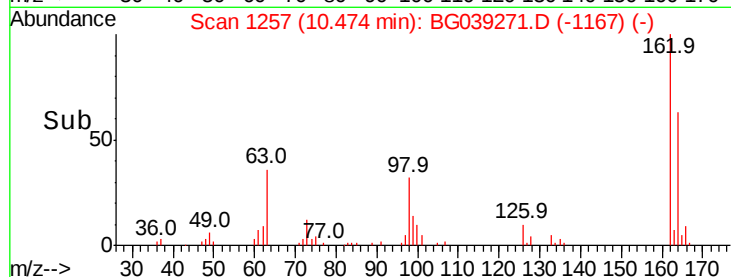
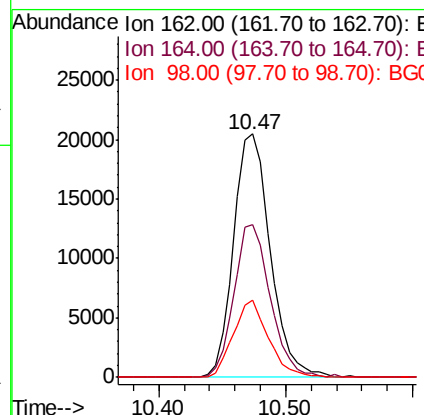
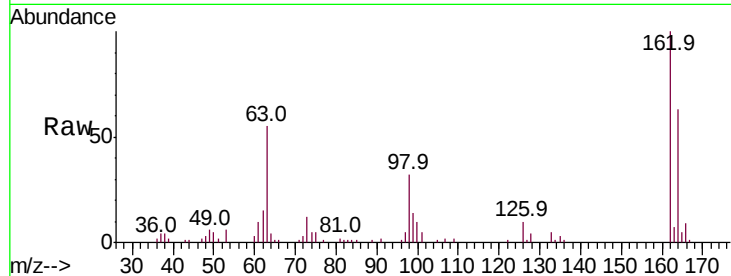
#29
 2,4-Dichlorophenol
 Concen: 40.018 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleID :
 PB116574BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	41016		
164	62.7		41.3	81.3
98	31.8		8.3	48.3

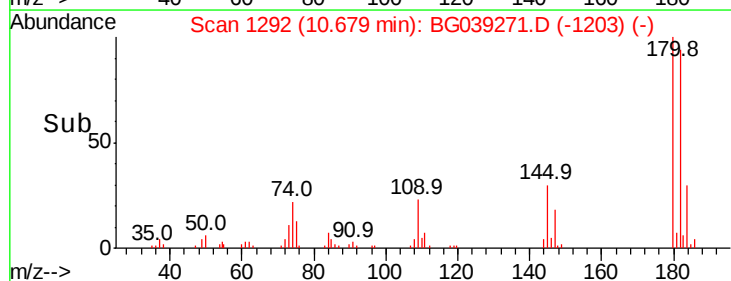
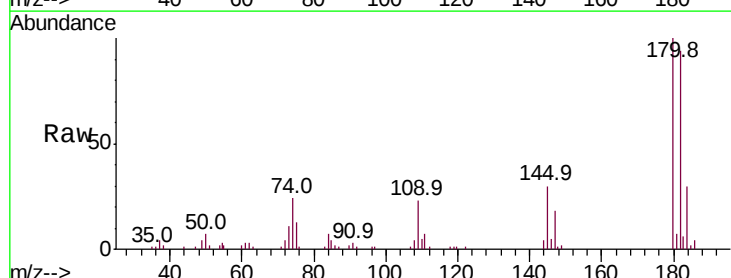
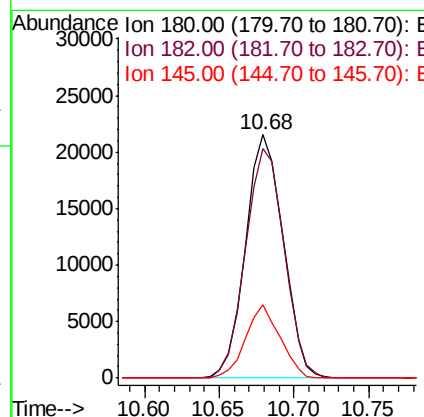
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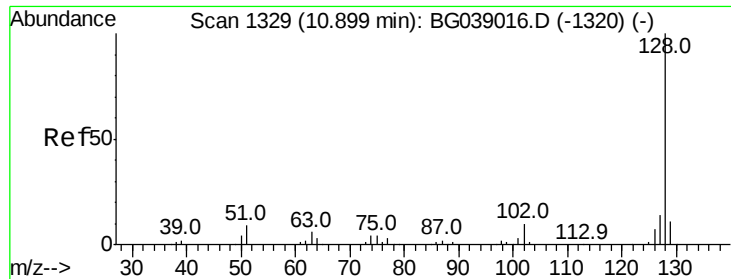
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.467 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	37520		
182	94.1		78.1	117.1
145	30.2		23.1	34.7





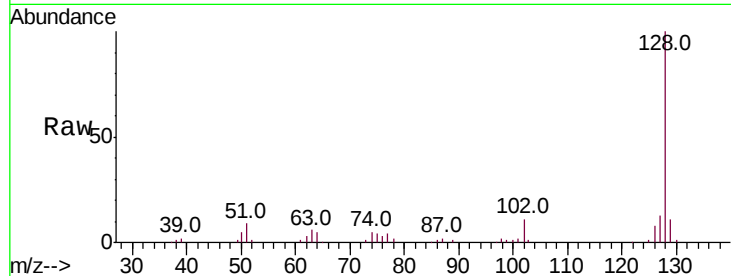
#31
Naphthalene
Concen: 33.065 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

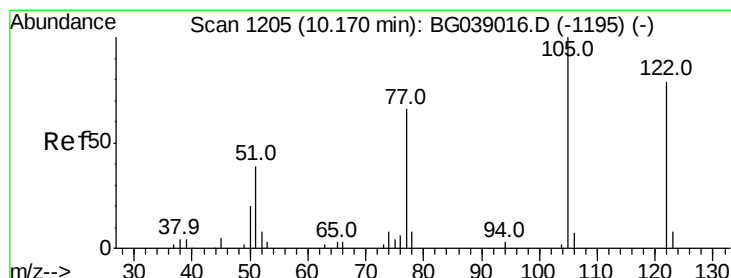
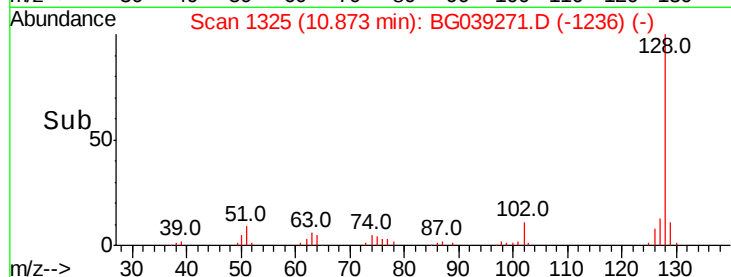
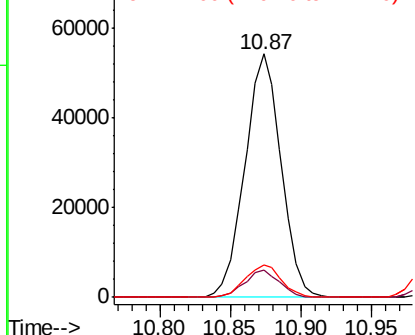
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.3	11.2	16.8

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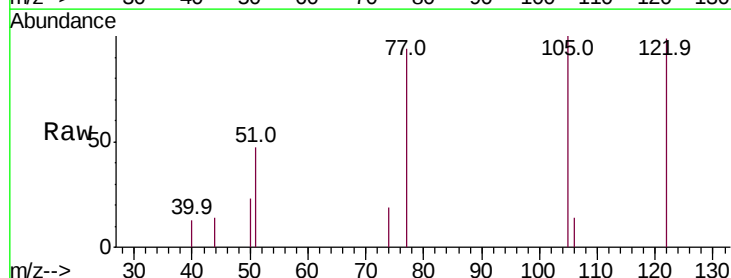


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

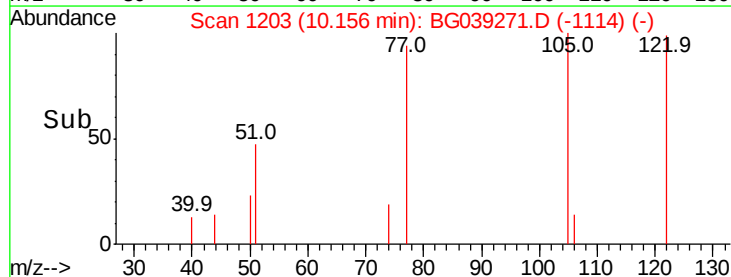
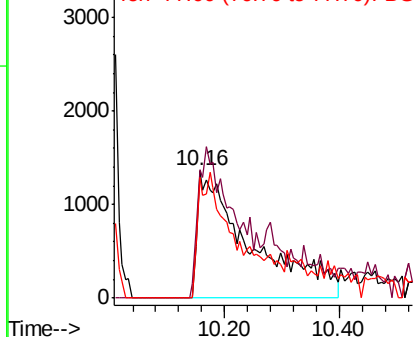


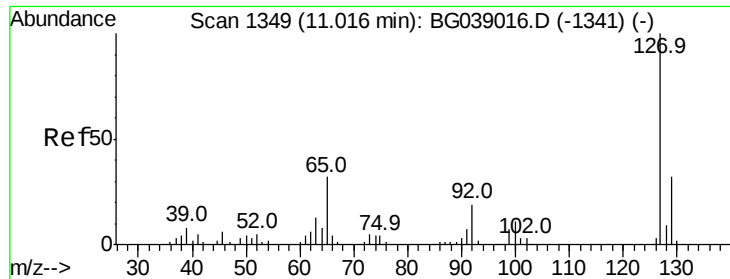
#32
Benzoic acid
Concen: 23.336 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.0	106.4	146.4#
77	94.4	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





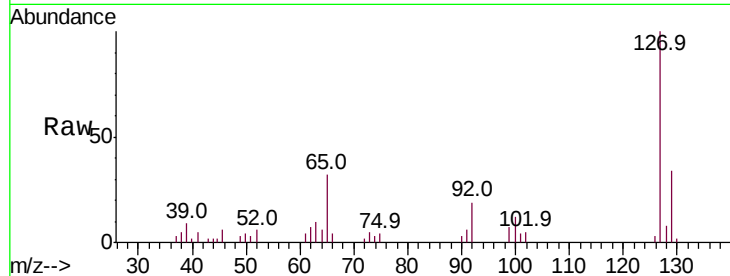
#33
4-Chloroaniline
Concen: 14.321 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

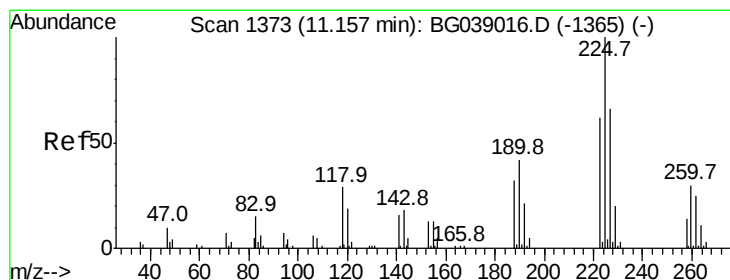
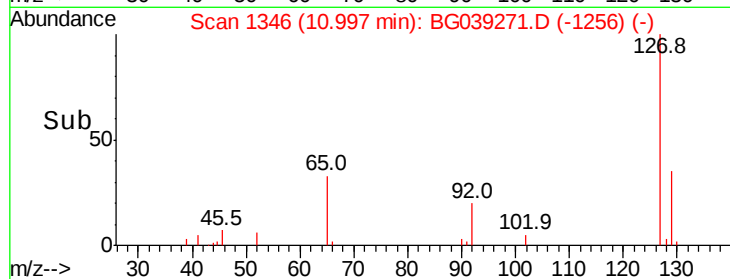
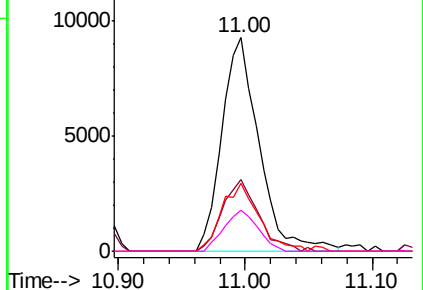
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.0
65	32.0	25.4	38.0
92	19.4	15.2	22.8

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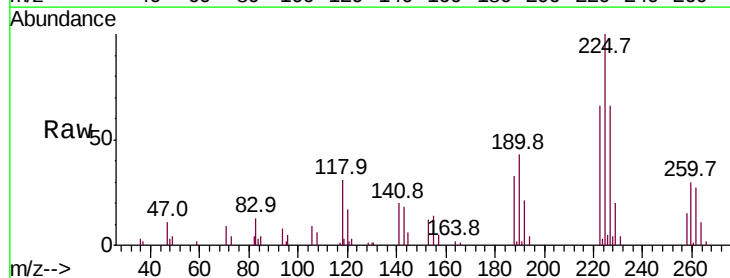


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

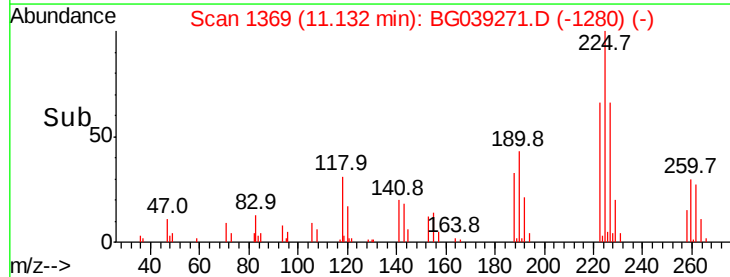
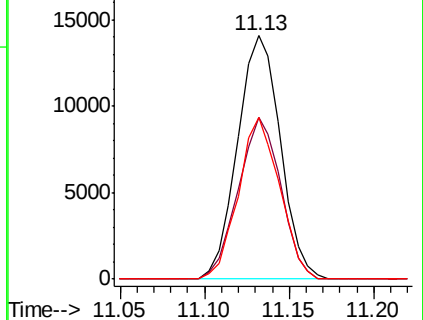


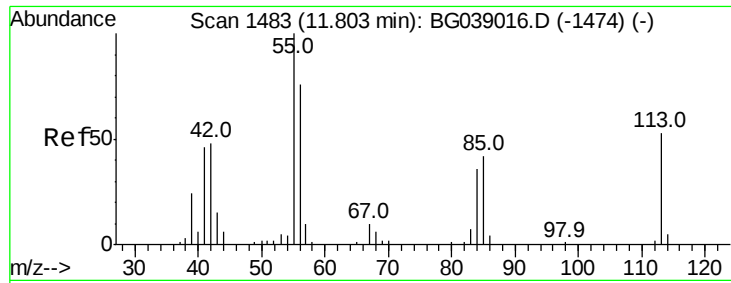
#34
Hexachlorobutadiene
Concen: 29.362 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.6	50.2	75.4
227	66.3	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: 31.114 ng

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

ClientSampled :

PB116574BS

Tot Ion:113 Resp: 12788

Ion Ratio Lower Upper

113 100

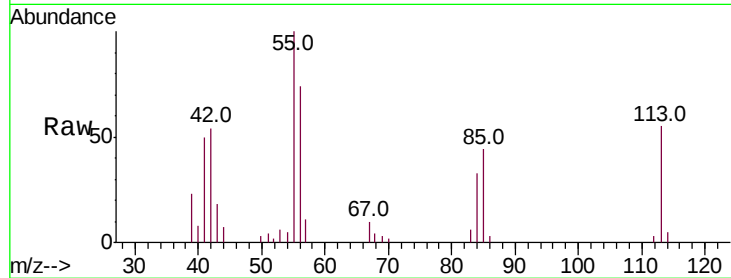
55 181.5 168.6 208.6

56 134.2 123.2 163.2

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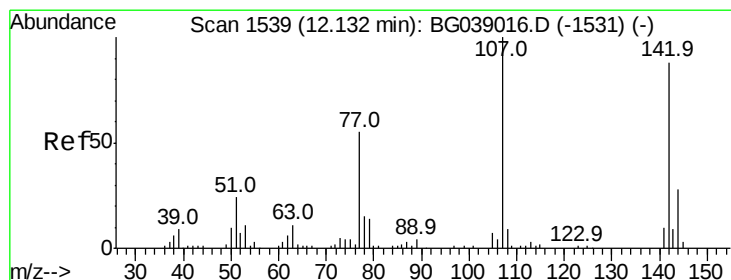
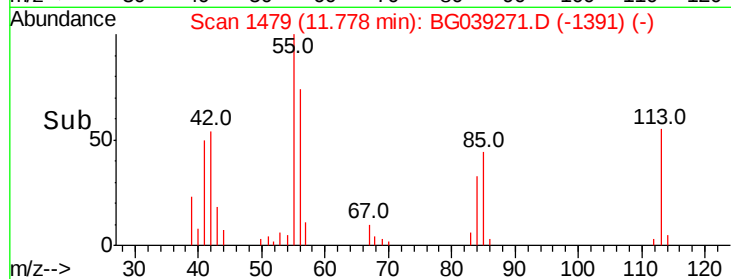
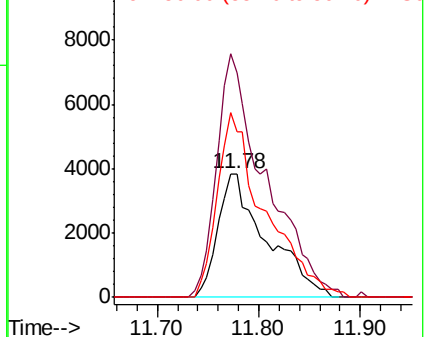
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 36.408 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

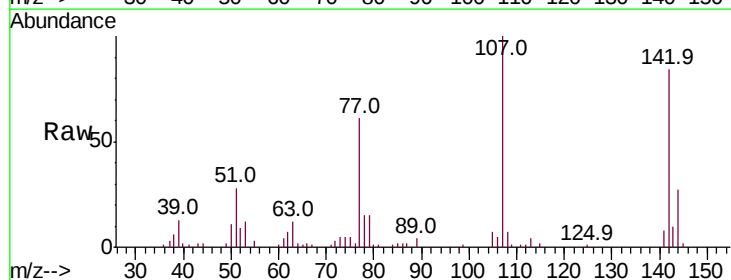
Tgt Ion:107 Resp: 39912

Ion Ratio Lower Upper

107 100

144 27.2 22.6 34.0

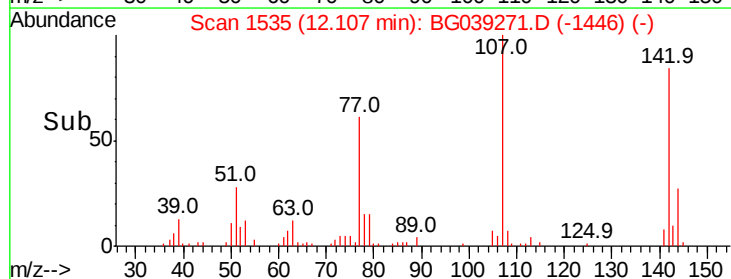
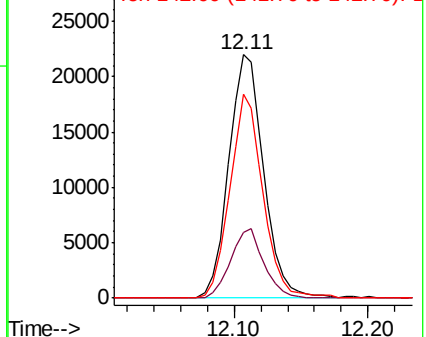
142 83.8 70.2 105.4

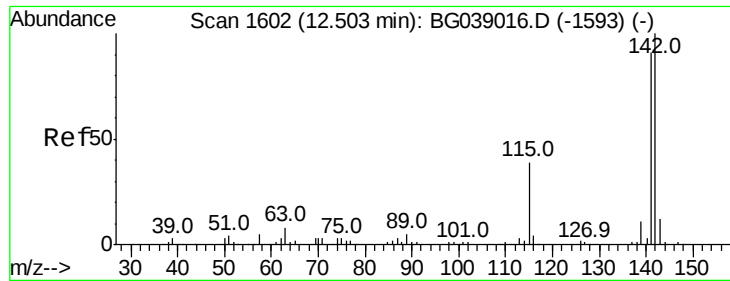


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





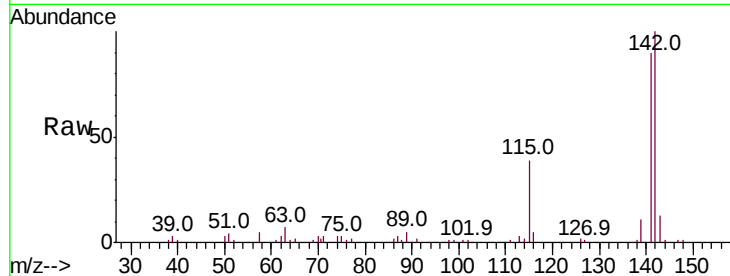
#37
2-Methylnaphthalene
Concen: 35.775 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	109.0
115	38.7	31.1	46.7

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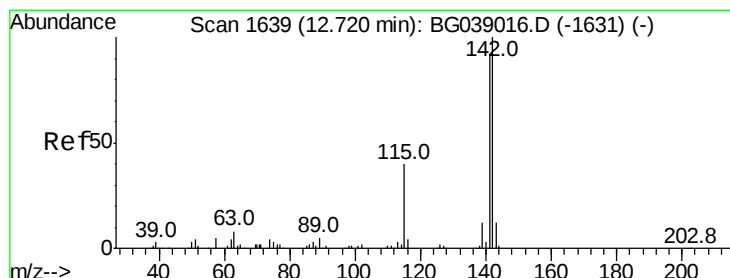
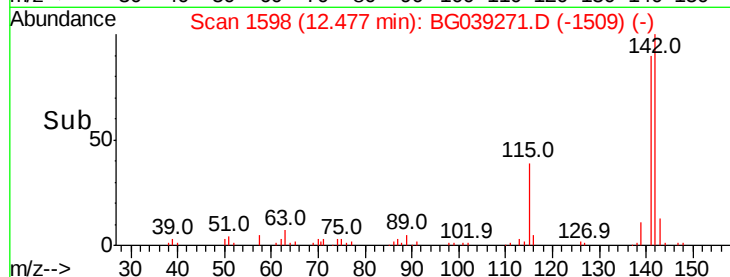
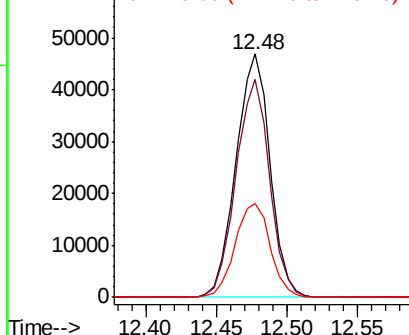


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.580 ng
RT: 12.69 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

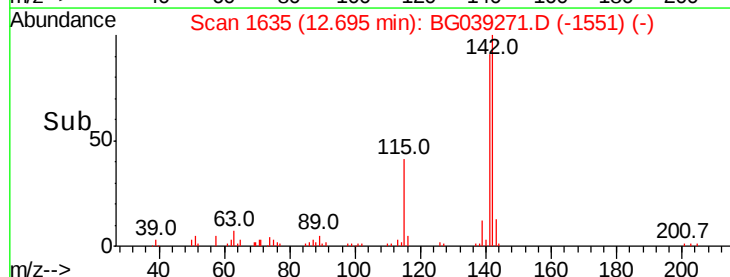
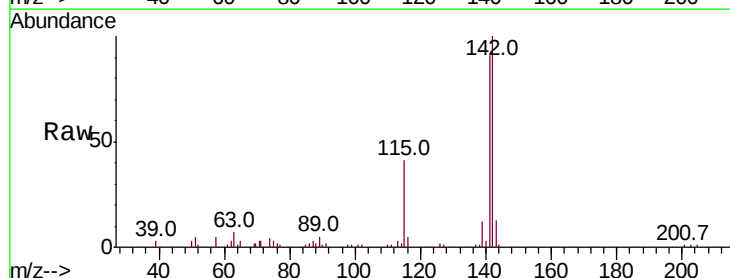
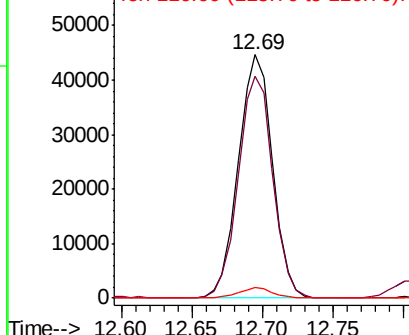
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.3	109.9
116	4.6	3.1	4.7

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





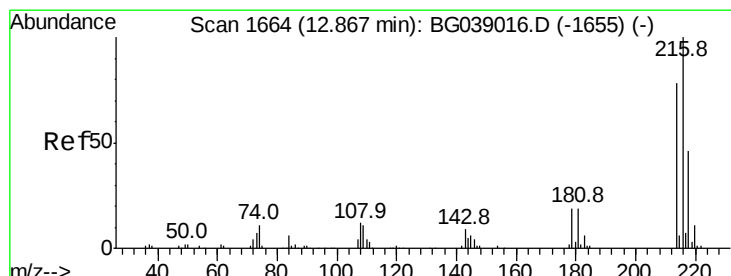
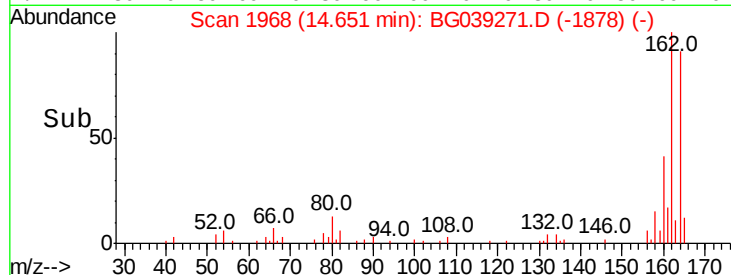
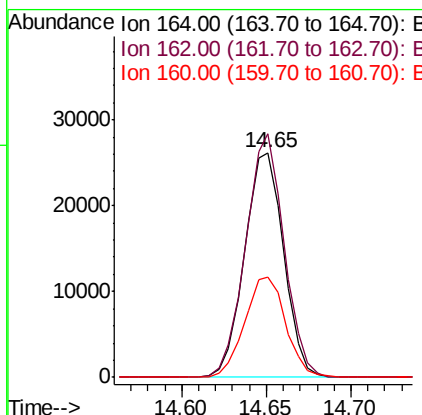
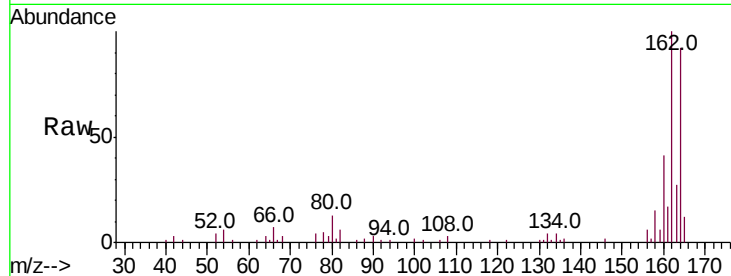
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.2	87.2	130.8
160	44.5	33.3	49.9

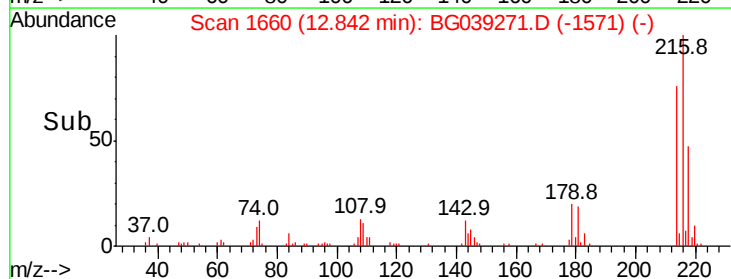
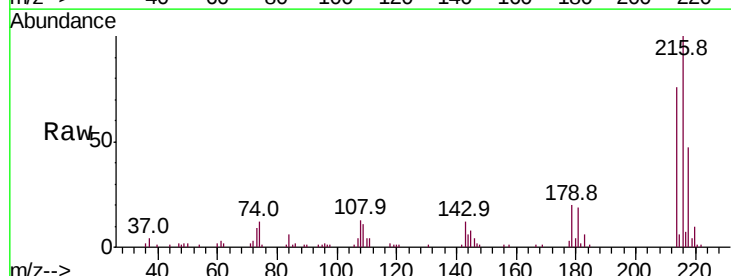
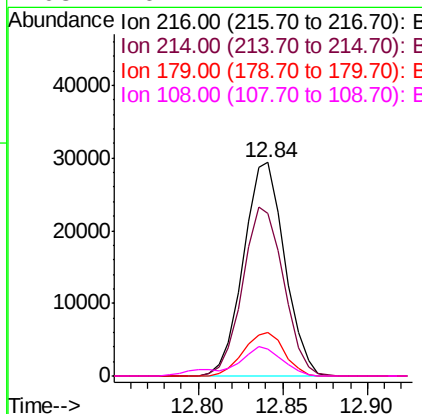
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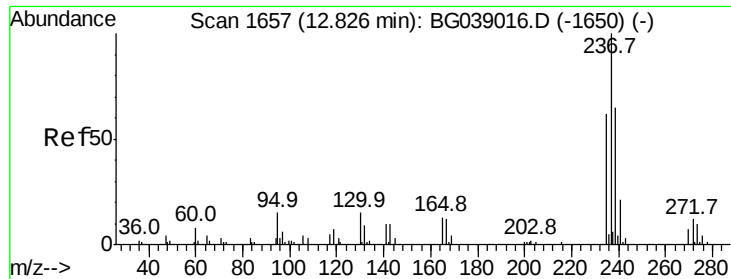
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.399 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	20.1	15.5	23.3
108	16.1	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 56.008 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

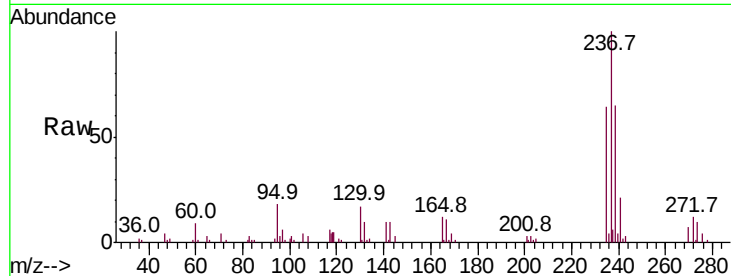
ClientSampleId :

PB116574BS

Tot Ion:	237	Resp:	48236
Ion Ratio	Lower	Upper	
237	100		
235	64.5	41.7	81.7
272	11.8	0.0	32.1

Manual Integrations
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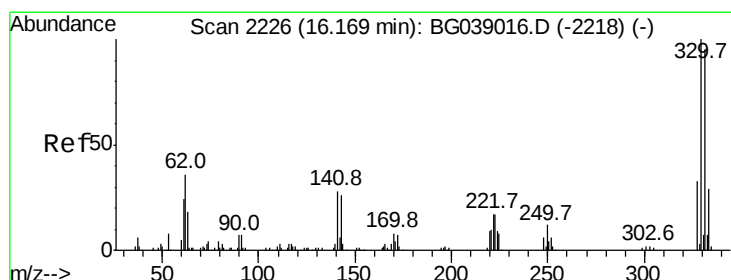
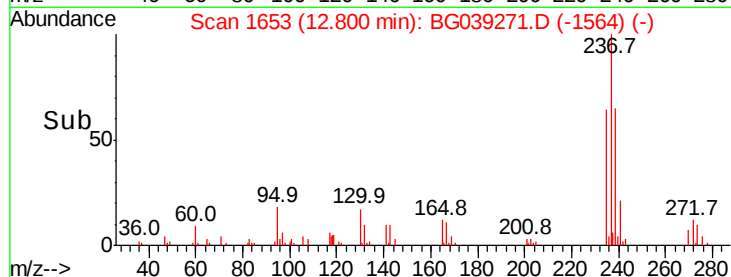
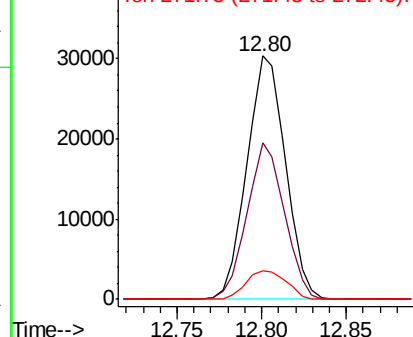


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.196 ng

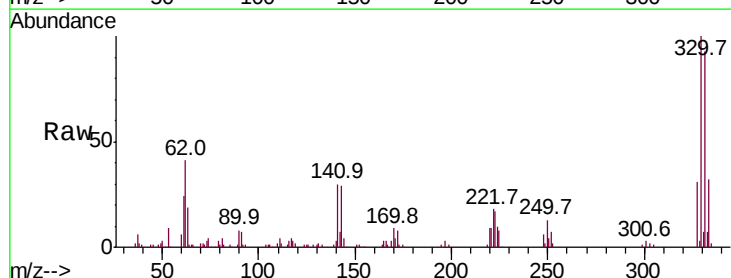
RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	330	Resp:	71432
Ion Ratio	Lower	Upper	
330	100		
332	94.2	75.7	113.5
141	30.1	24.9	37.3

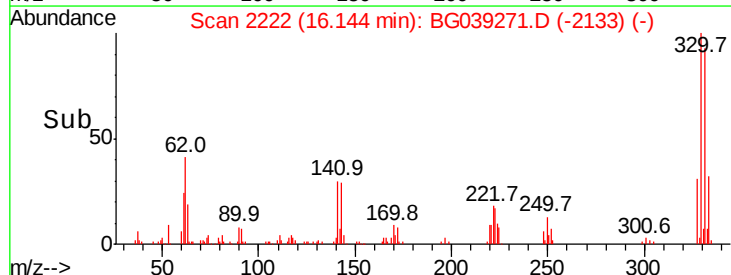
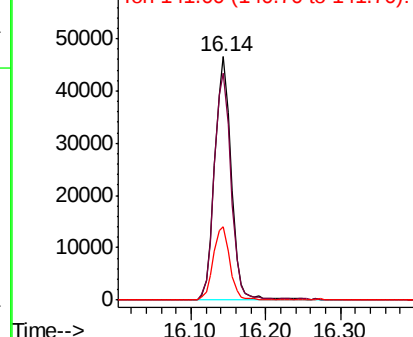


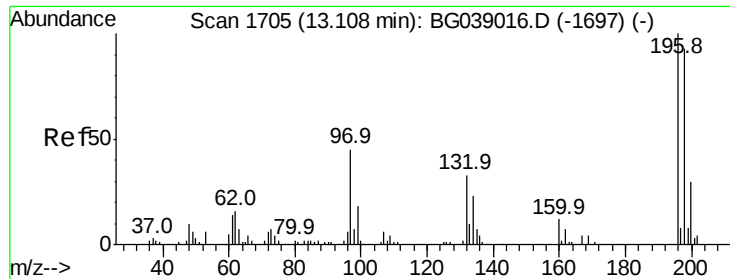
Abundance

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





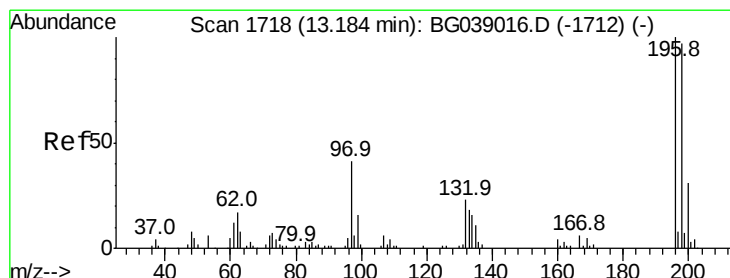
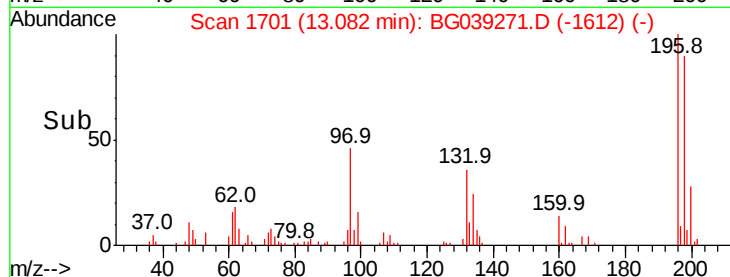
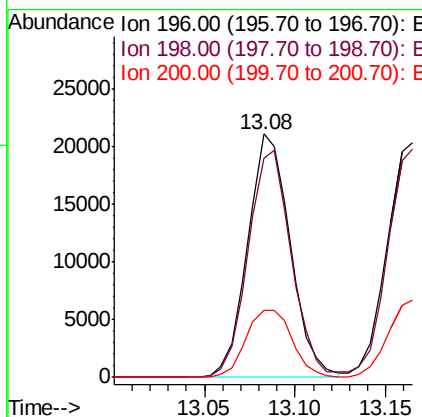
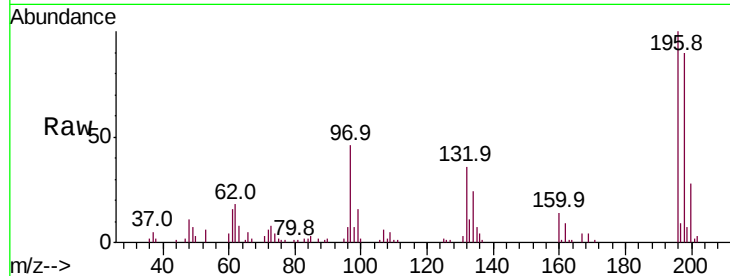
#43
 2,4,6-Trichlorophenol
 Concen: 34.495 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	34334		
198	90.3	74.5	111.7	
200	27.5	23.8	35.6	

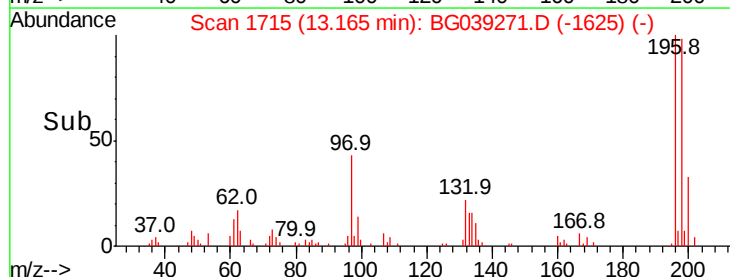
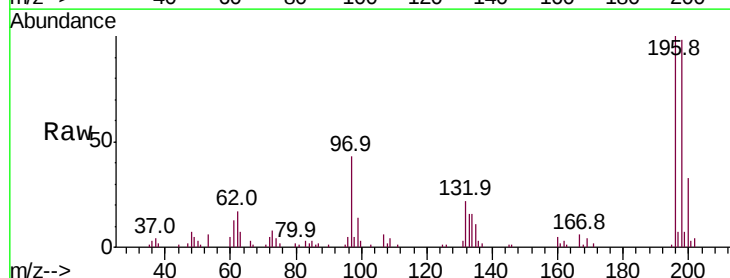
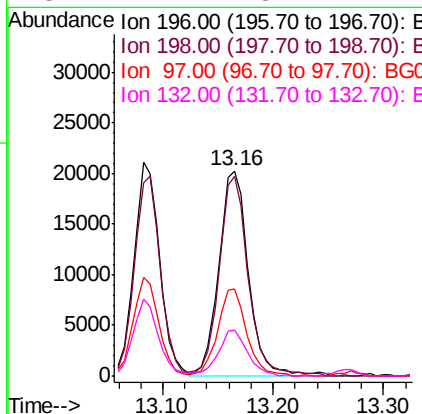
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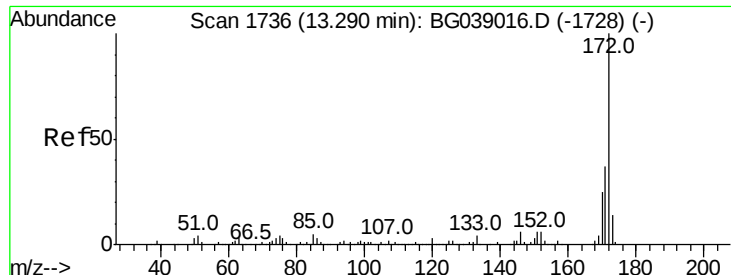
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 36.122 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	38000		
198	97.6	78.1	117.1	
97	42.5	33.2	49.8	
132	22.4	18.2	27.4	





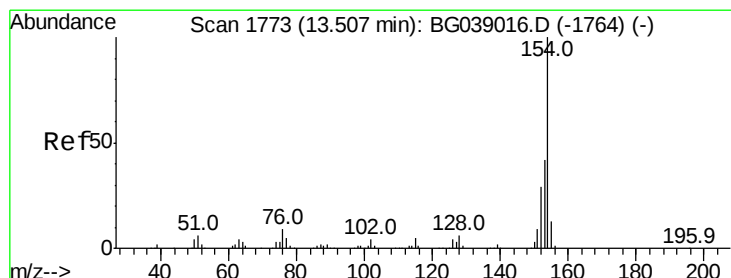
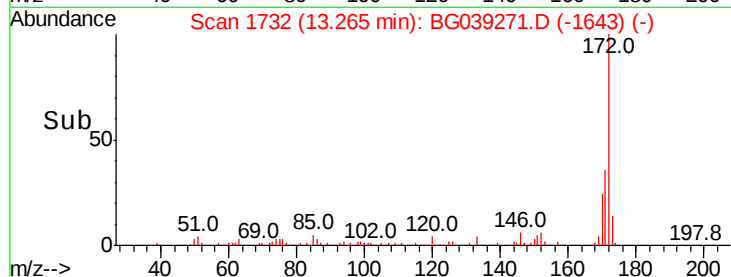
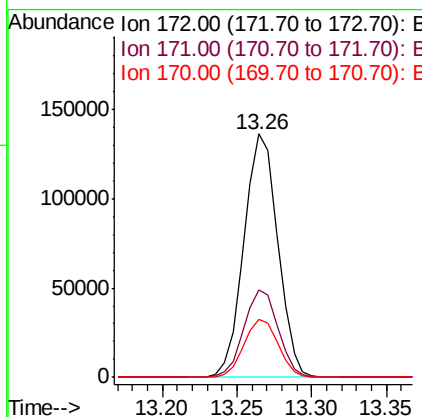
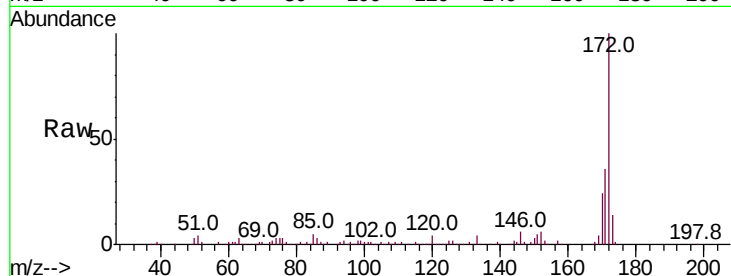
#45
2-Fluorobiphenyl
Concen: 69.486 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	23.6	20.1	30.1

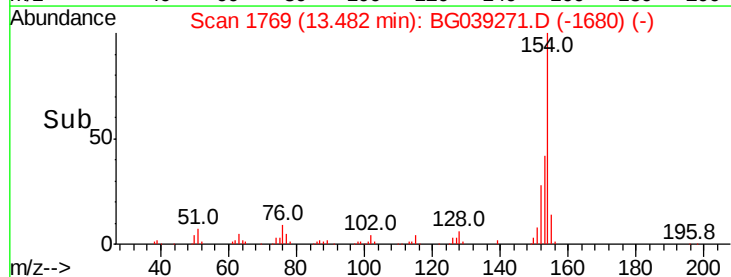
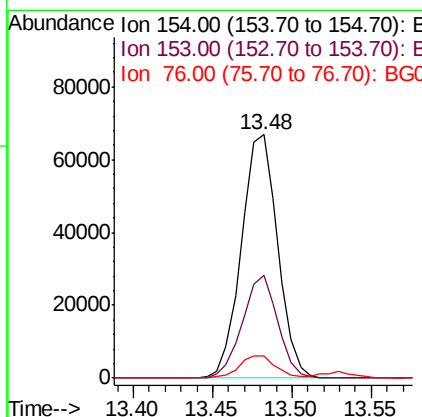
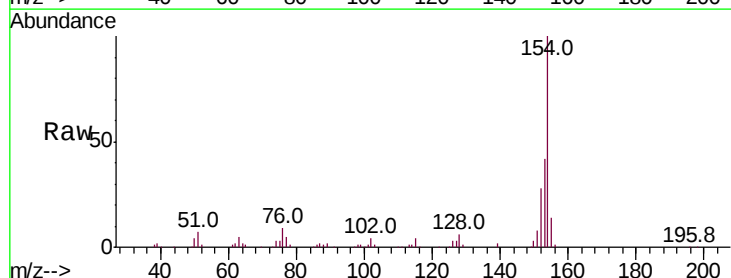
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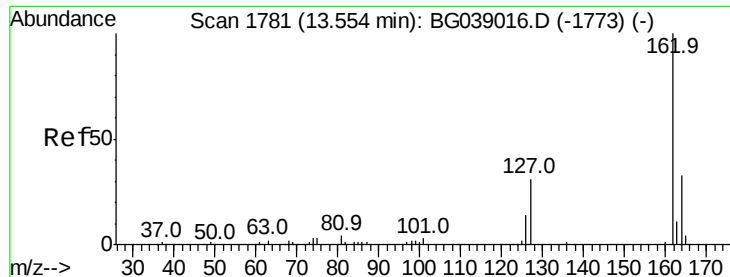
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#46
1,1'-Biphenyl
Concen: 31.759 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	9.3	0.0	29.4





#47

2-Chloronaphthalene

Concen: 31.634 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

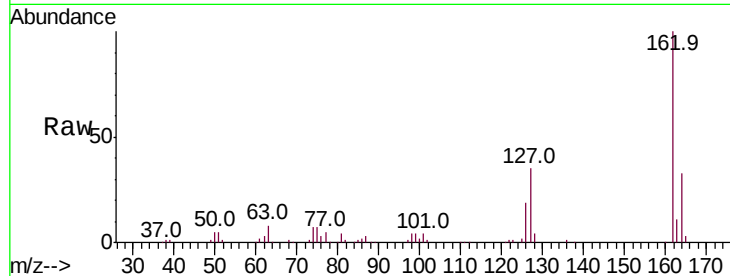
ClientSampleId :

PB116574BS

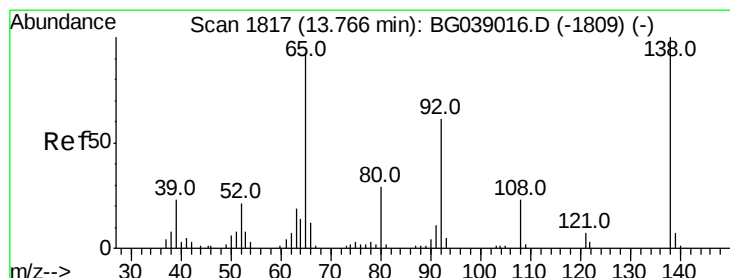
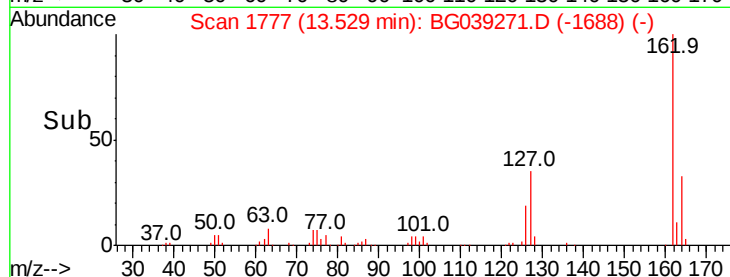
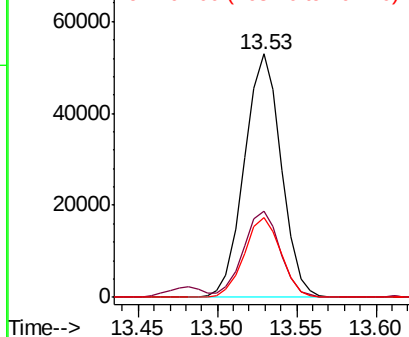
Tot Ion:	162	Resp:	85416
Ion Ratio	Lower	Upper	
162	100		
127	35.5	28.4	42.6
164	32.7	26.3	39.5

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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: 34.097 ng

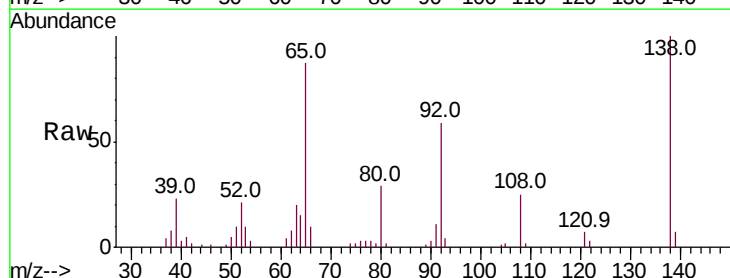
RT: 13.75 min Scan# 1814

Delta R.T. -0.01 min

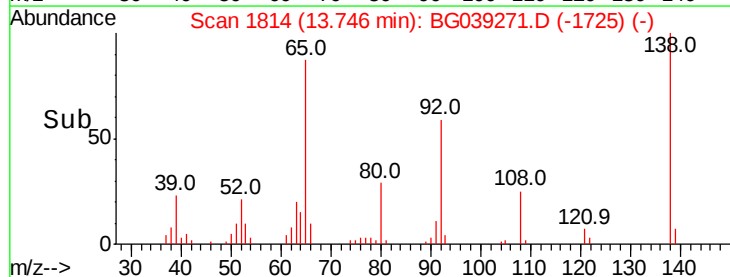
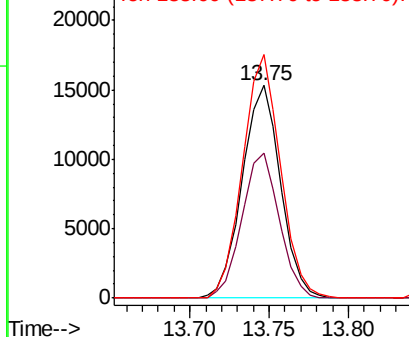
Lab File: BG039271.D

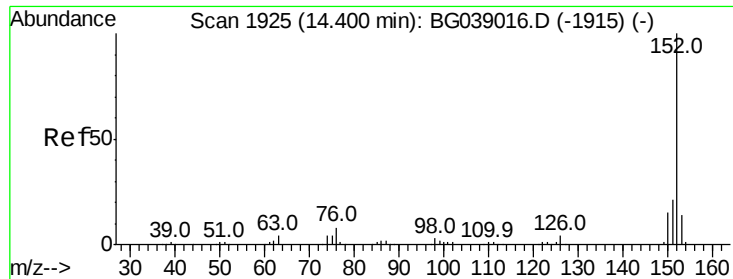
Acq: 23 Jan 2019 20:08

Tgt Ion:	65	Resp:	25793
Ion Ratio	Lower	Upper	
65	100		
92	67.9	52.2	78.4
138	114.5	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: 34.689 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

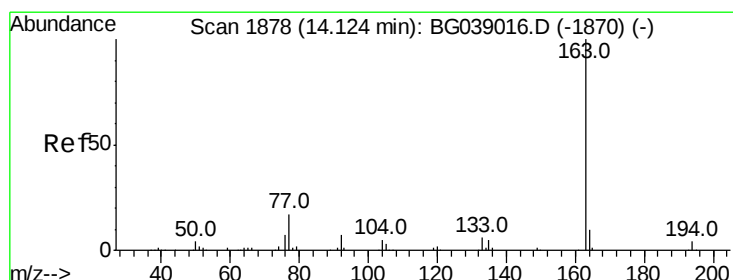
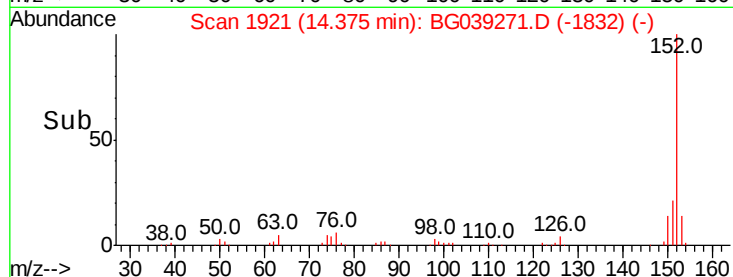
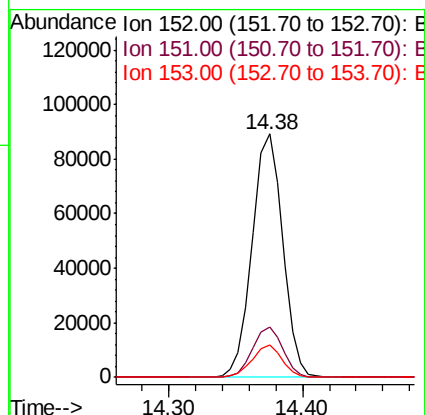
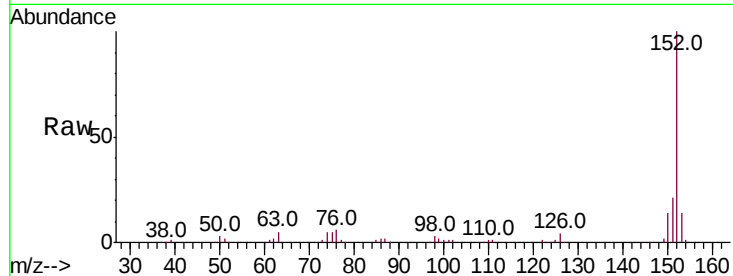
ClientSampleId :

PB116574BS

Tot Ion:	152	Resp:	140787
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.0	25.4
153	13.5	11.2	16.8

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#50

Dimethylphthalate

Concen: 34.039 ng

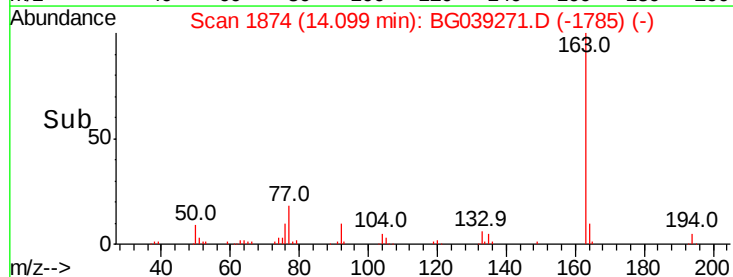
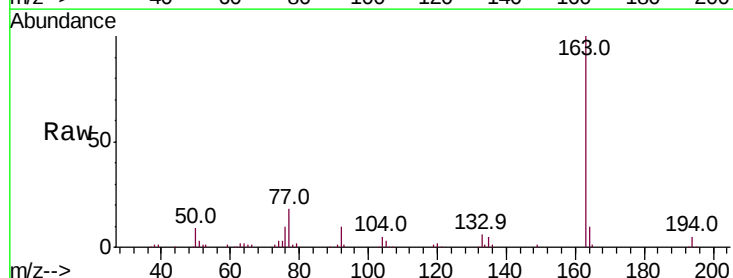
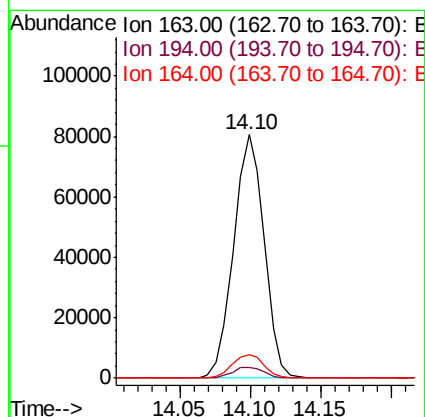
RT: 14.10 min Scan# 1874

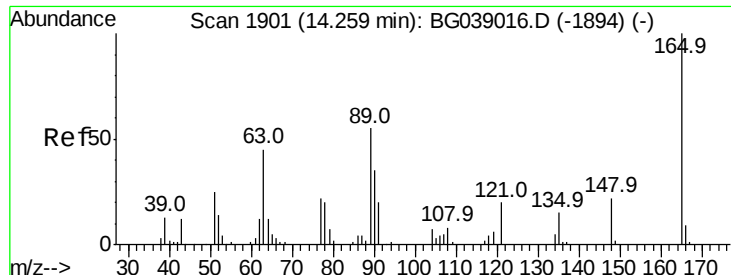
Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	163	Resp:	121129
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	9.6	8.2	12.2





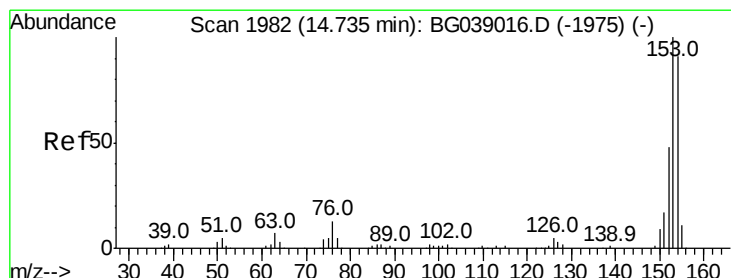
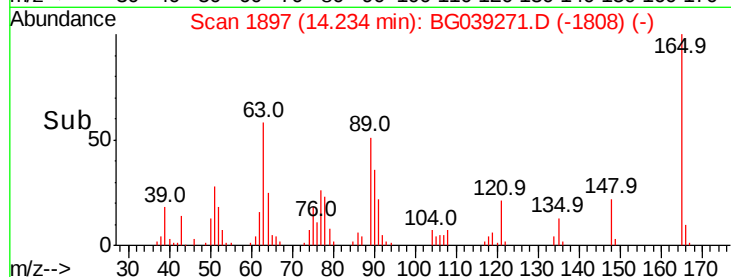
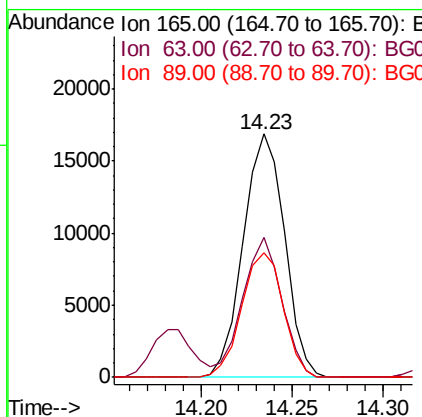
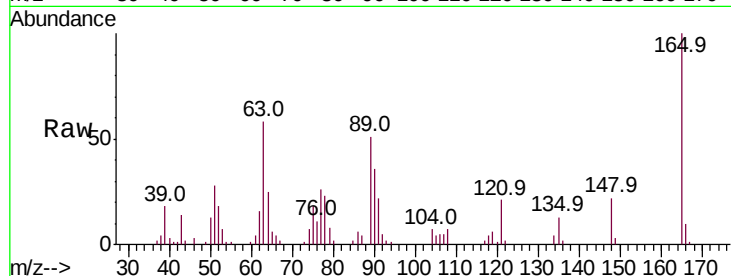
#51
 2,6-Dinitrotoluene
 Concen: 33.652 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	43.6	65.4
89	51.3	43.7	65.5

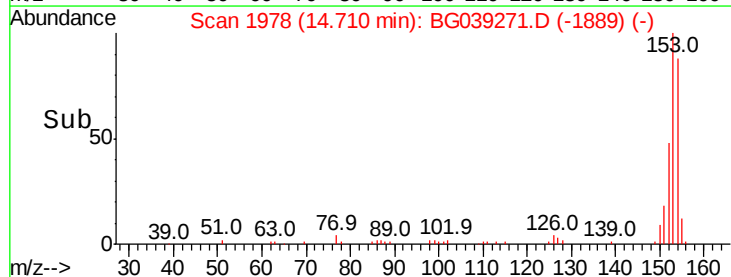
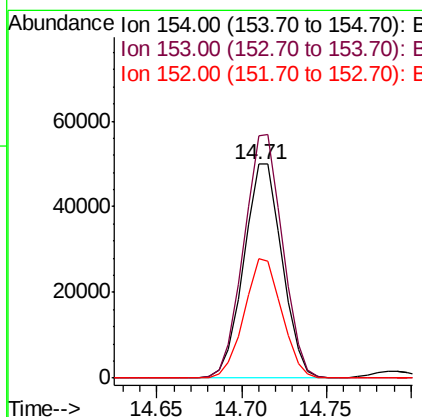
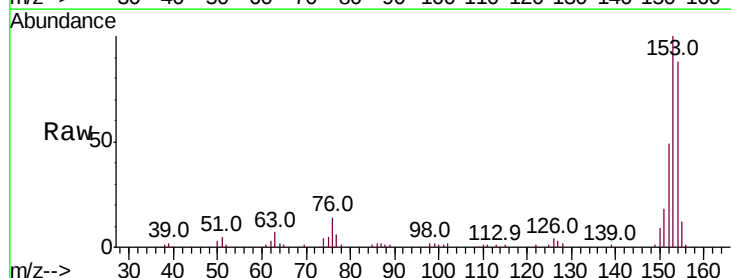
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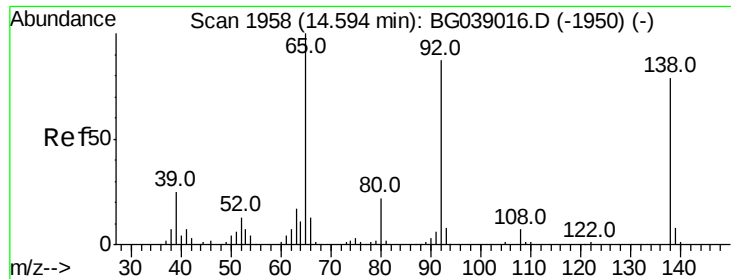
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#52
 Acenaphthene
 Concen: 32.420 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.9	131.9
152	55.6	42.2	63.2





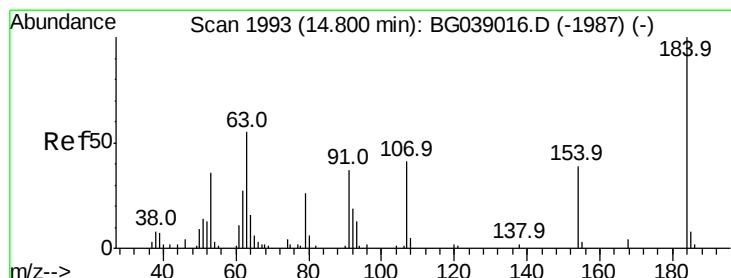
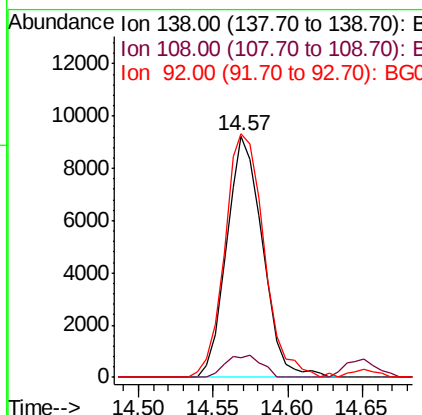
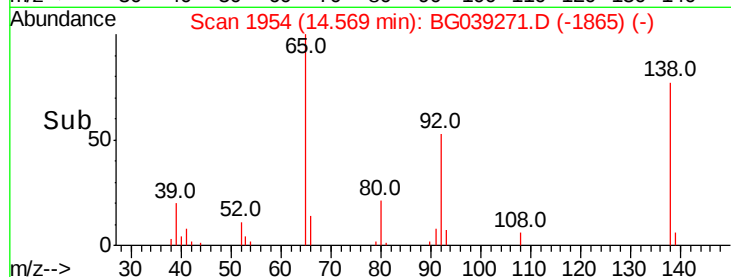
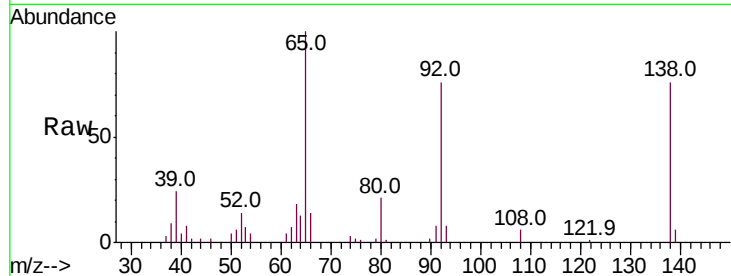
#53
 3-Nitroaniline
 Concen: 19.193 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion:	138	Resp:	15490
Ion Ratio	Lower	Upper	
138	100		
108	8.0	7.4	11.0
92	101.0	88.2	132.4

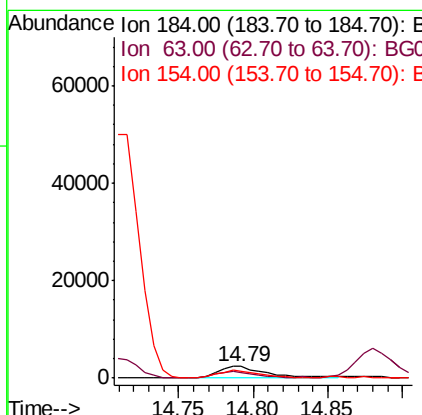
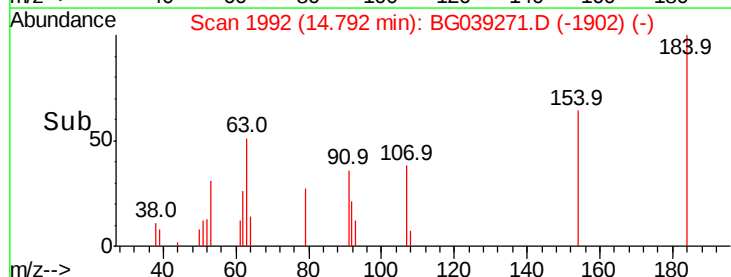
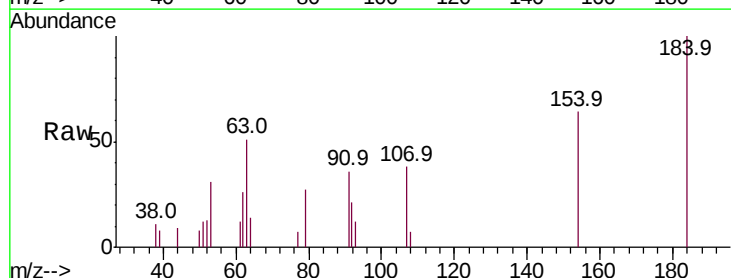
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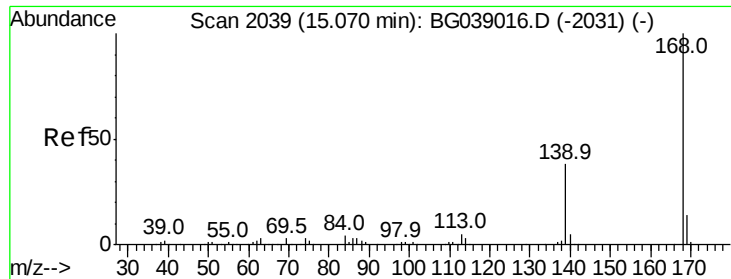
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#54
 2,4-Dinitrophenol
 Concen: 16.110 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion:	184	Resp:	5469
Ion Ratio	Lower	Upper	
184	100		
63	51.1	44.0	66.0
154	63.6	46.1	69.1





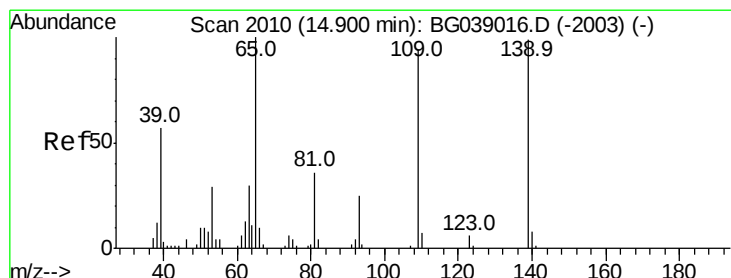
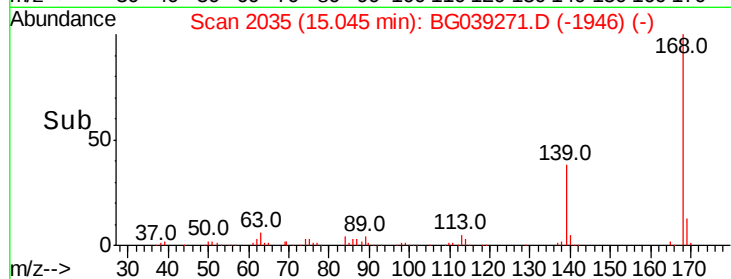
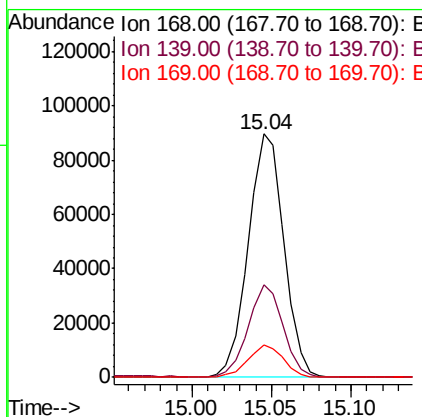
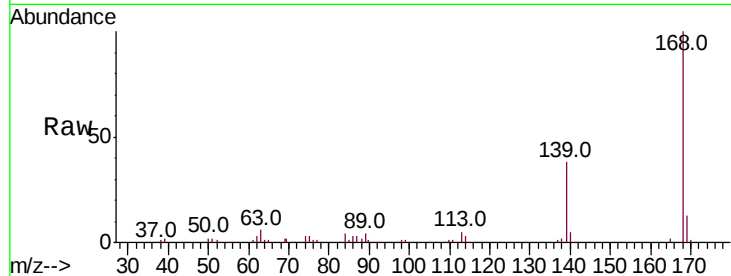
#55
Dibenzenofuran
Concen: 32.479 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.1	10.9	16.3

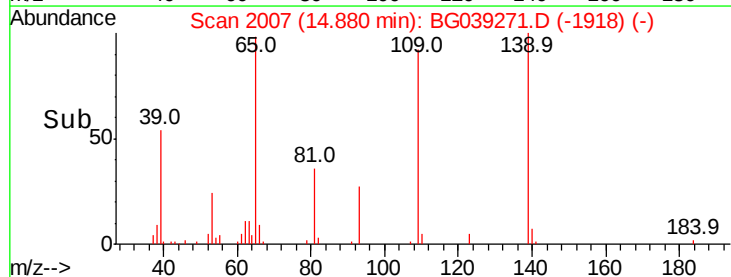
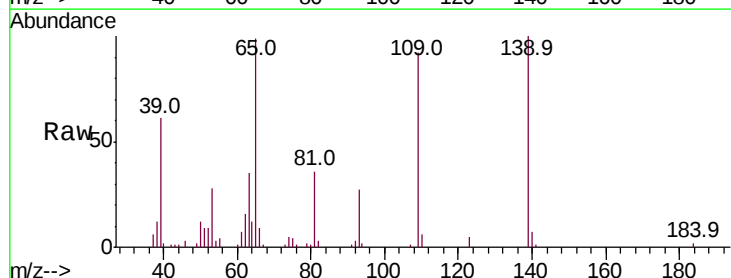
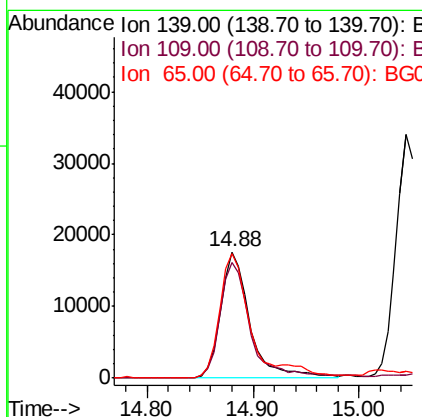
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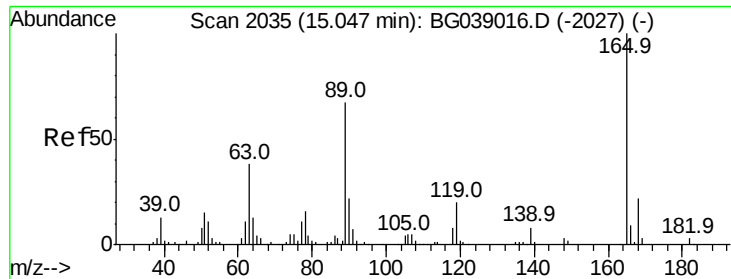
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#56
4-Nitrophenol
Concen: 58.460 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.6	75.6	115.6
65	98.9	81.2	121.2





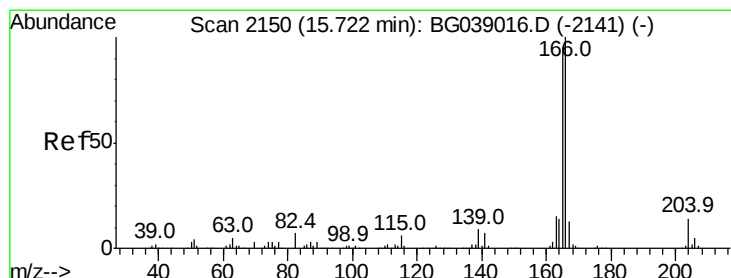
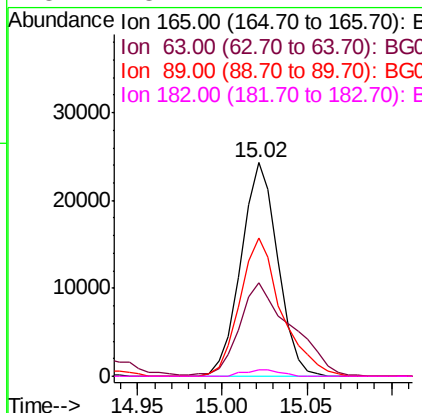
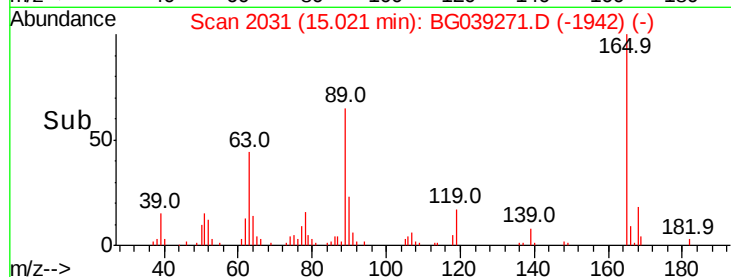
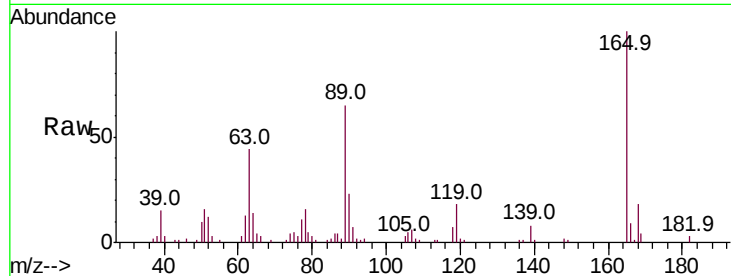
#57
2,4-Dinitrotoluene
Concen: 32.226 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	30.2	45.4
89	64.6	53.2	79.8
182	3.2	2.7	4.1

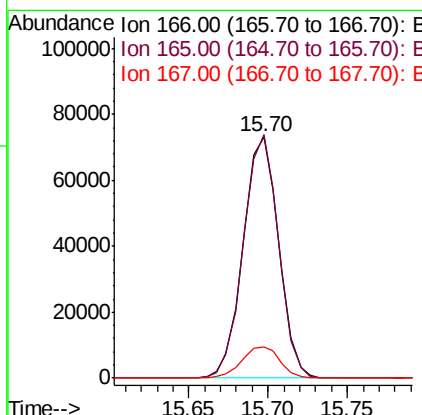
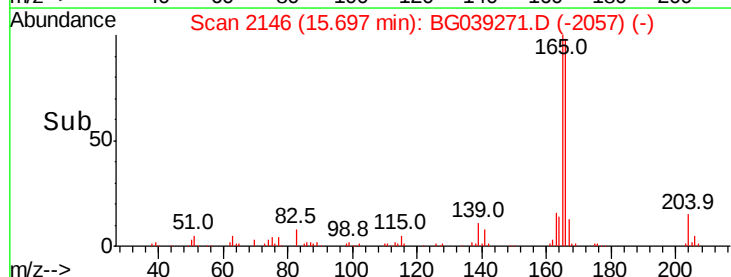
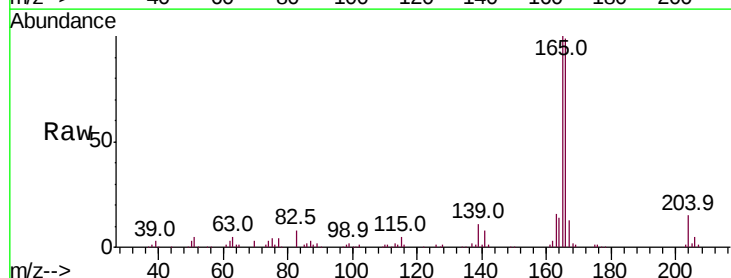
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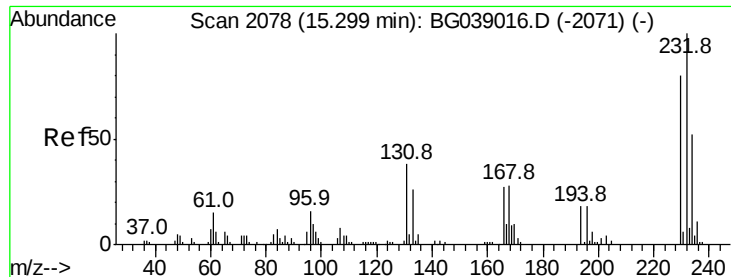
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#58
Fluorene
Concen: 35.030 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	76.2	114.2
167	13.1	10.6	16.0





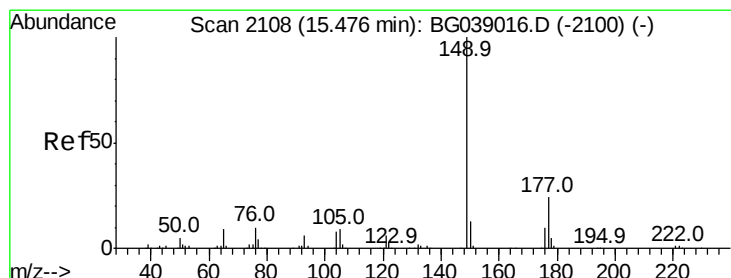
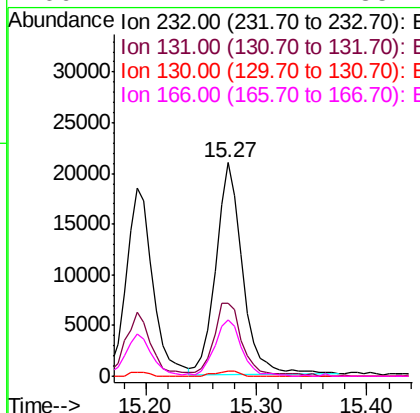
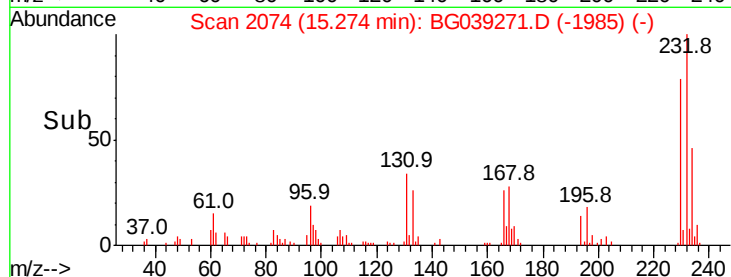
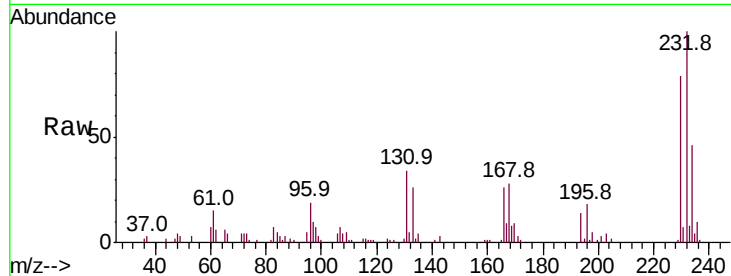
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.259 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion:	232	Resp:	35014
Ion Ratio	Lower	Upper	
232	100		
131	37.4	30.9	46.3
130	2.0	1.9	2.9
166	27.2	22.1	33.1

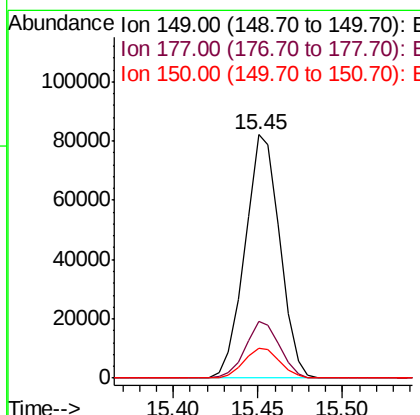
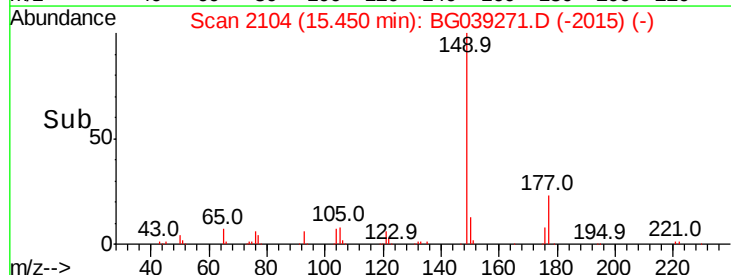
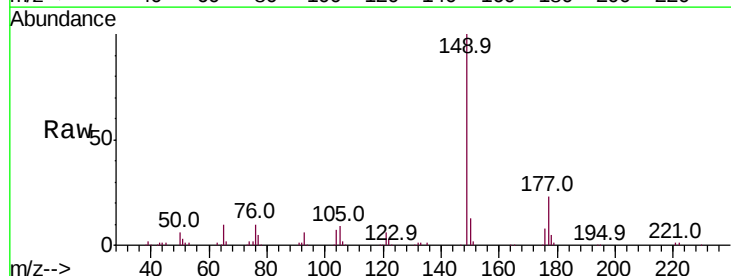
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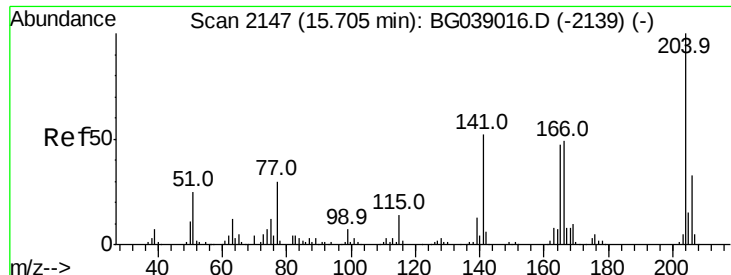
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#60
 Diethylphthalate
 Concen: 32.077 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion:	149	Resp:	117604
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.0	28.6
150	12.5	10.2	15.4





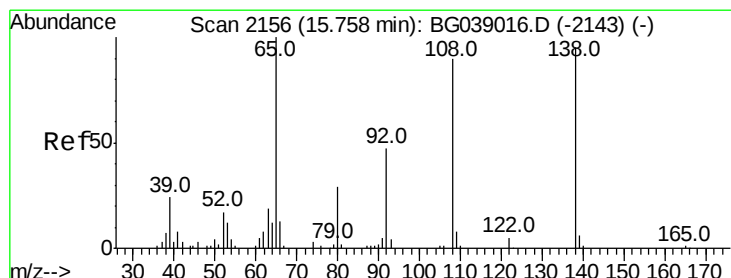
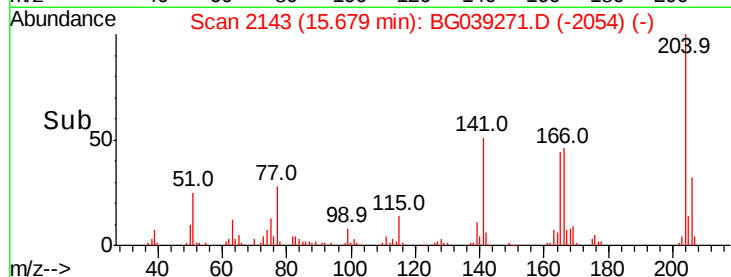
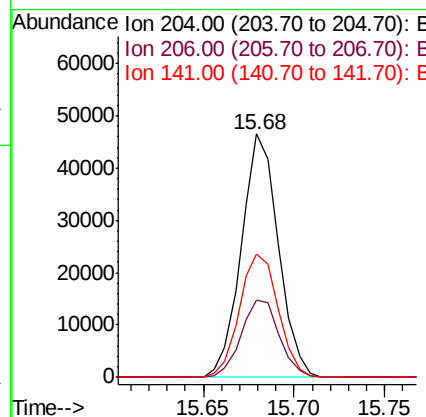
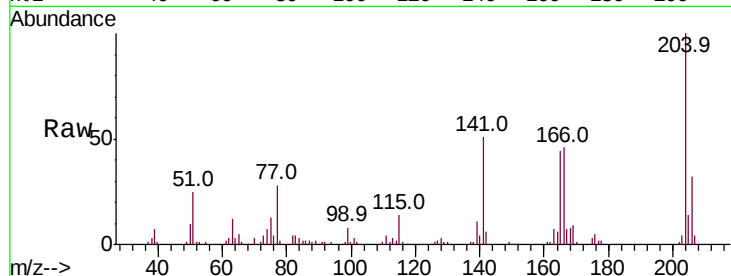
#61
4-Chlorophenyl-phenylether
Concen: 32.202 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.6	39.8
141	50.7	41.4	62.0

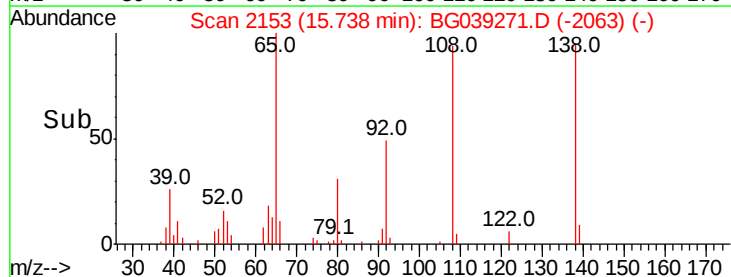
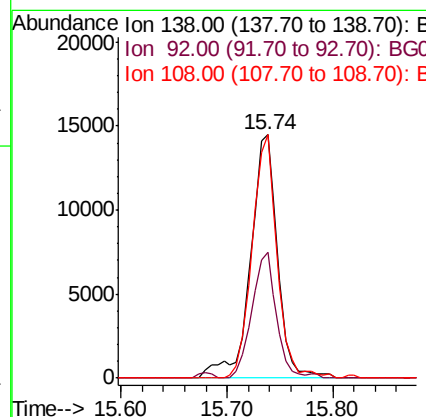
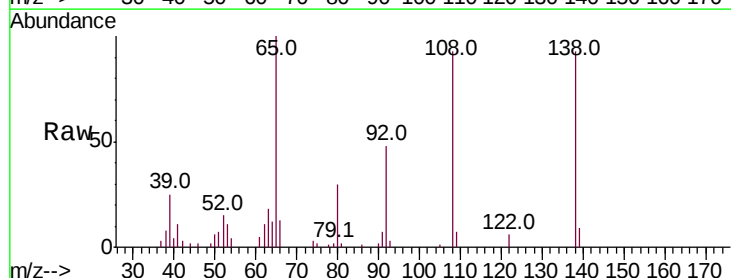
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#62
4-Nitroaniline
Concen: 30.836 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.7	69.7
108	100.0	75.7	115.7





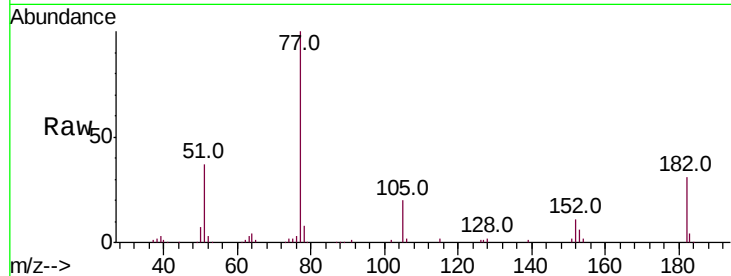
#63
Azobenzene
Concen: 31.794 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

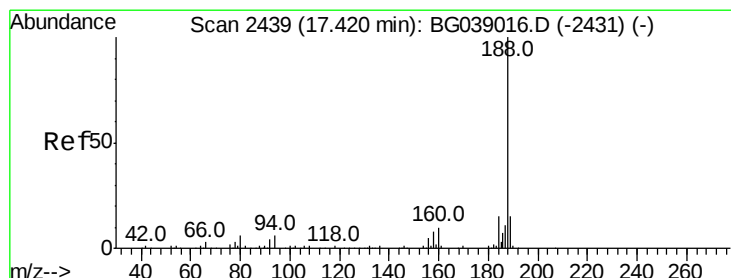
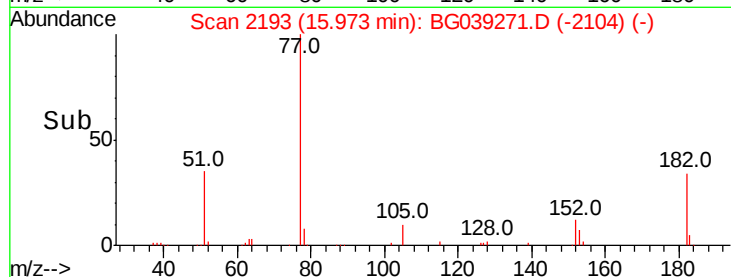
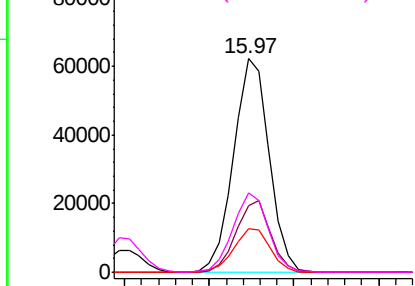
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.2	52.2
105	20.5	1.2	41.2
51	36.9	13.4	53.4

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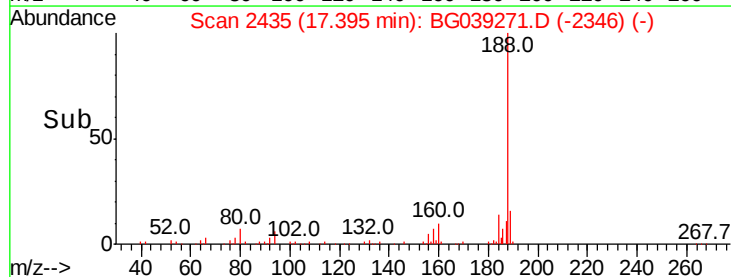
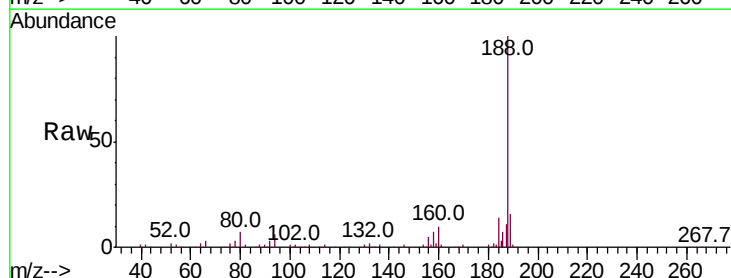
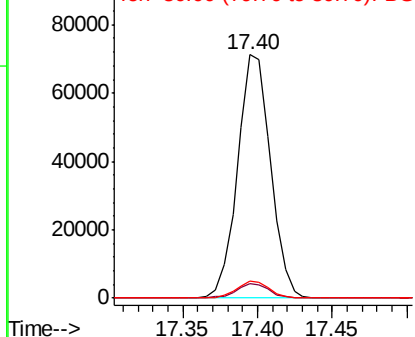
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

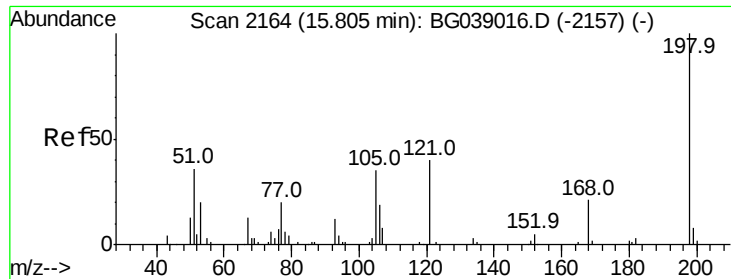


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	7.3	4.7	7.1

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





#65

4,6-Dinitro-2-methylphenol

Concen: 14.618 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

ClientSampleId :

PB116574BS

Tot Ion:198 Resp: 11819

Ion Ratio Lower Upper

198 100

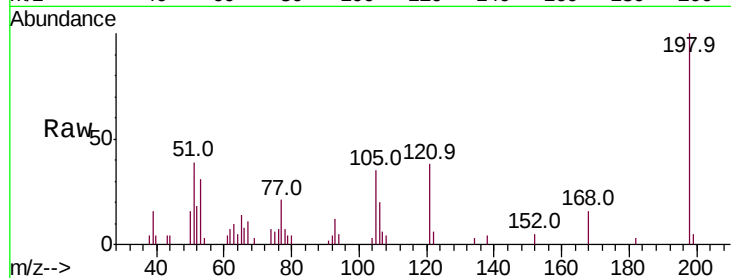
51 39.1 20.8 60.8

105 34.8 16.1 56.1

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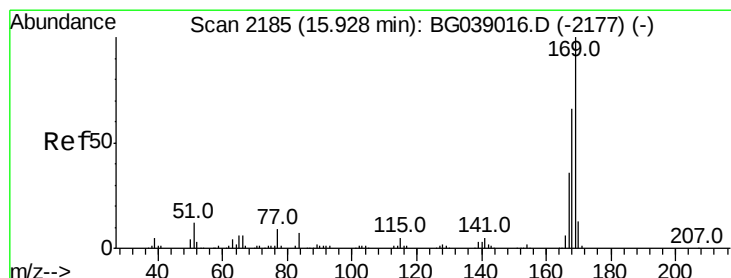
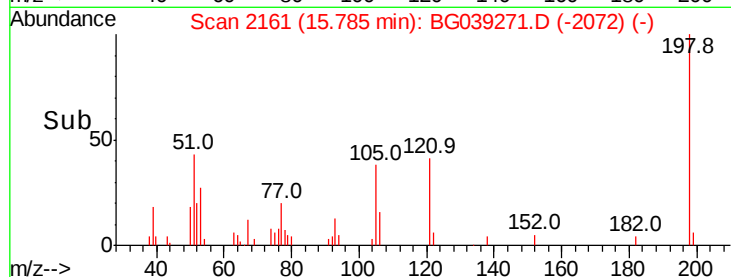
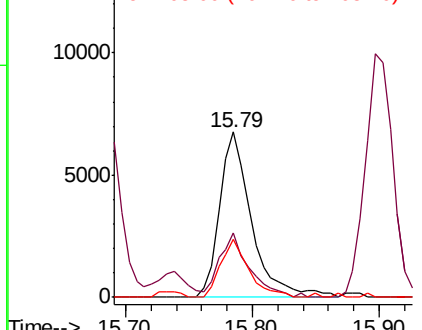
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.930 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

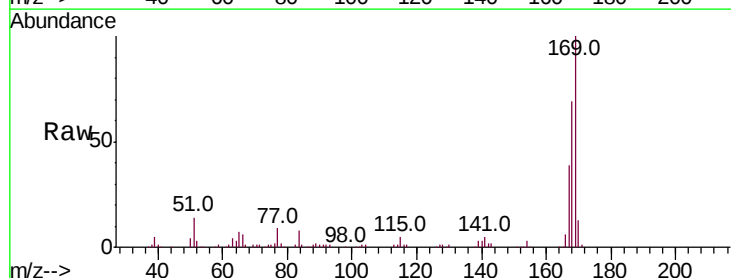
Tgt Ion:169 Resp: 103301

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

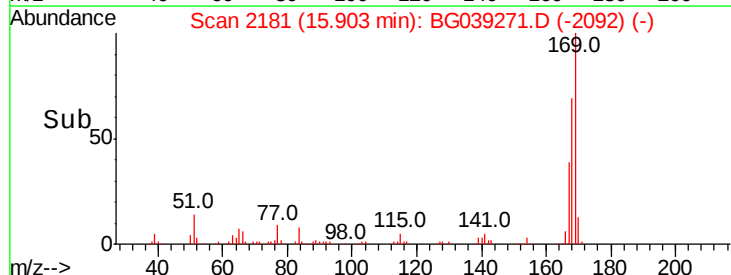
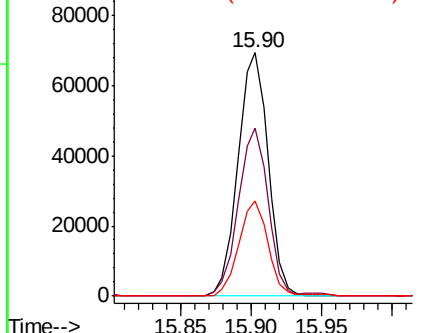
167 39.0 29.1 43.7

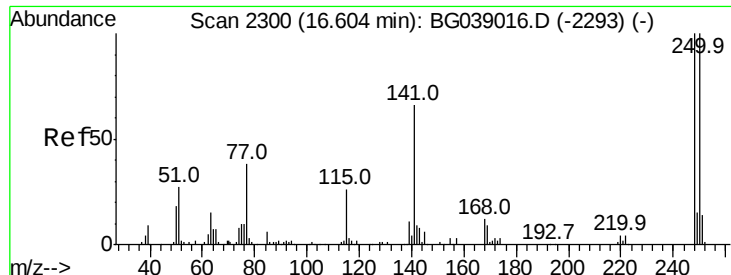


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





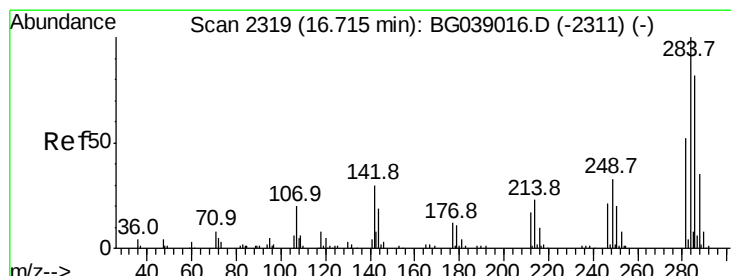
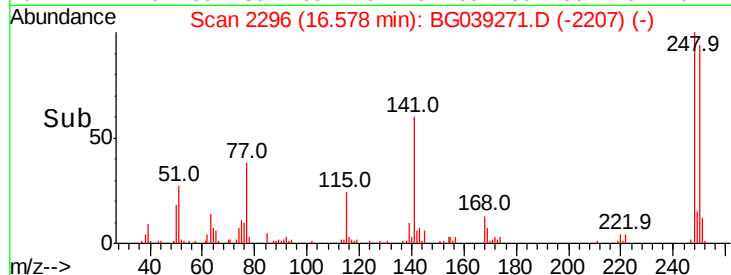
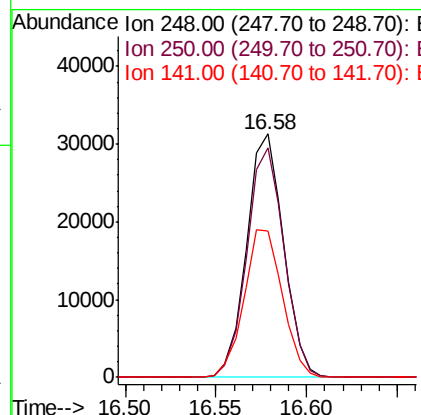
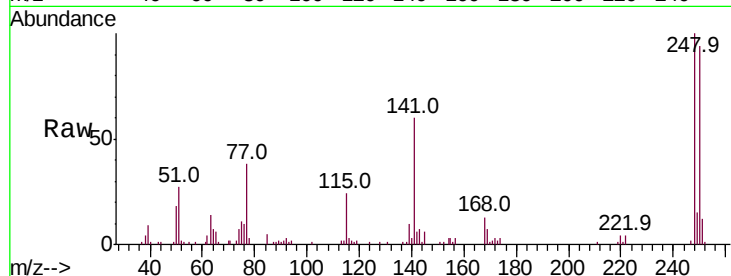
#67
 4-Bromophenyl-phenylether
 Concen: 31.521 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion:	248	Resp:	44219
Ion Ratio	Lower	Upper	
248	100		
250	94.4	79.9	119.9
141	59.9	52.7	79.1

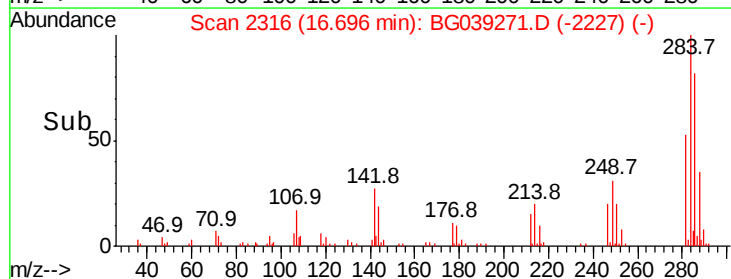
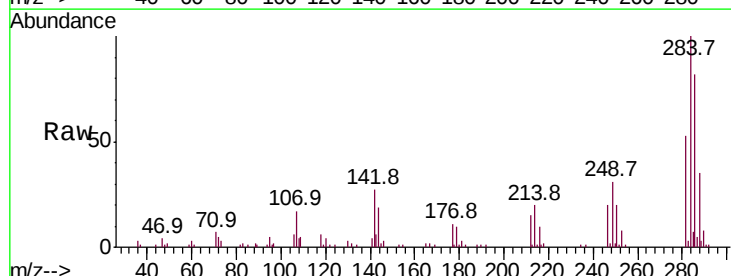
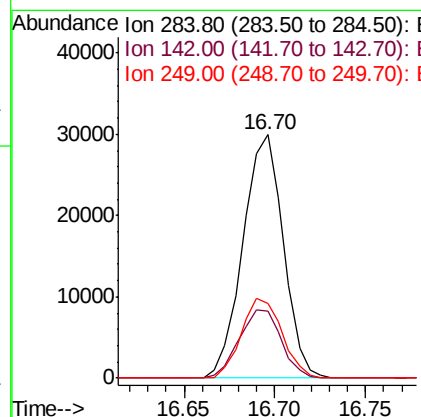
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#68
 Hexachlorobenzene
 Concen: 30.312 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion:	284	Resp:	46401
Ion Ratio	Lower	Upper	
284	100		
142	27.3	24.3	36.5
249	32.8	27.8	41.8





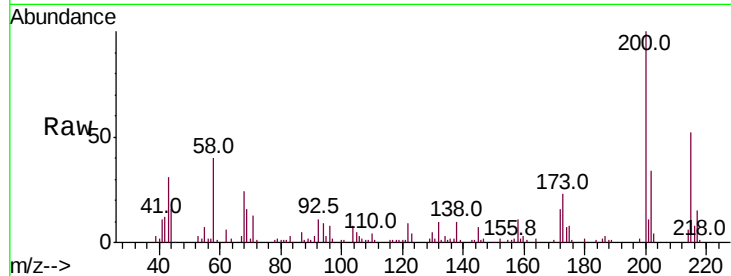
#69
 Atrazine
 Concen: 31.300 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	2.6	42.6
215	52.0	28.0	68.0

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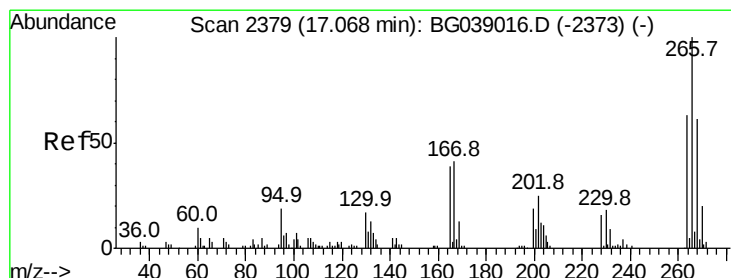
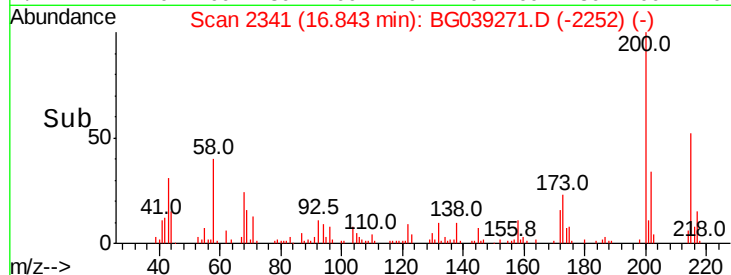
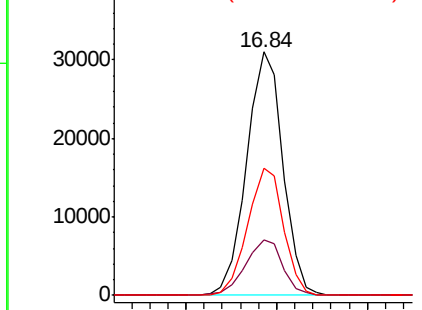


Abundance

Ion 200.00 (199.70 to 200.70): E

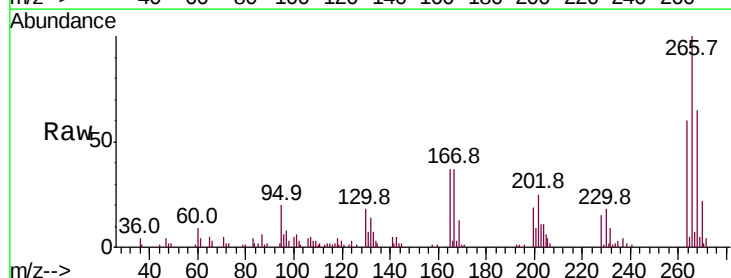
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 57.171 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.2	52.0	78.0
264	59.9	54.6	81.8

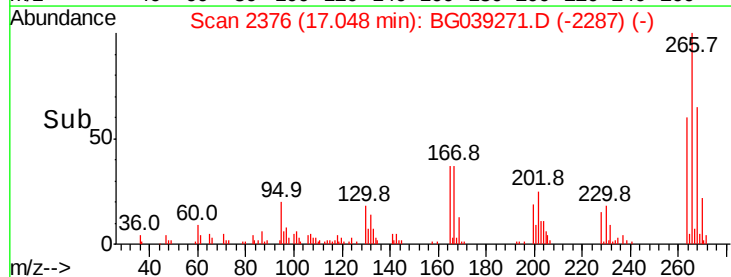
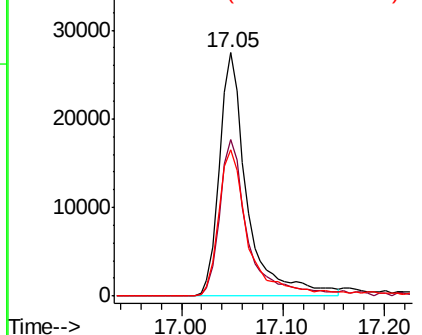


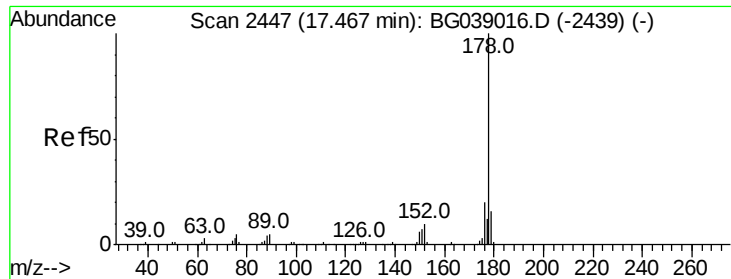
Abundance

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: 33.444 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

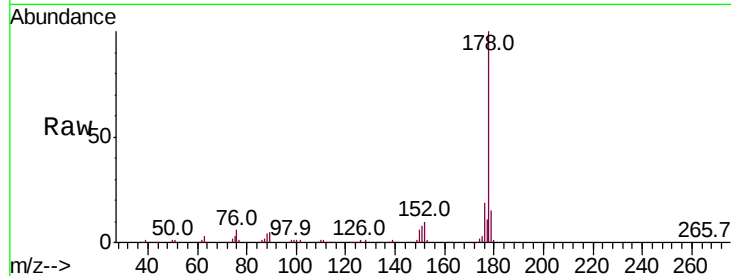
ClientSampleId :

PB116574BS

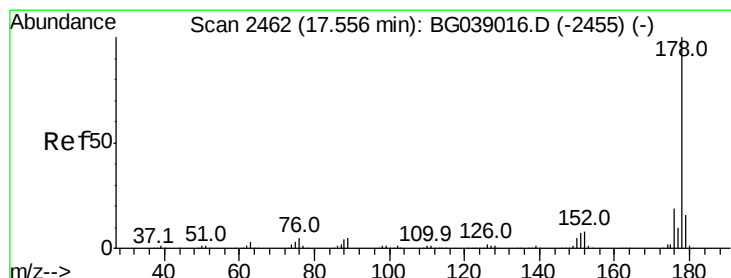
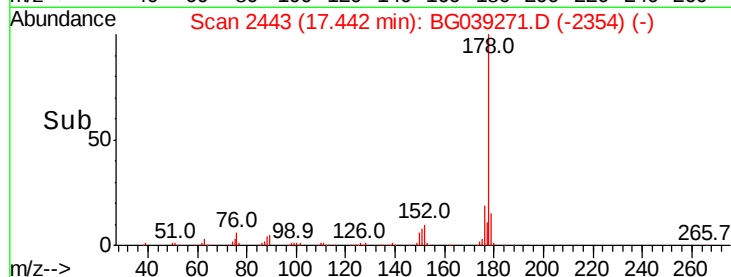
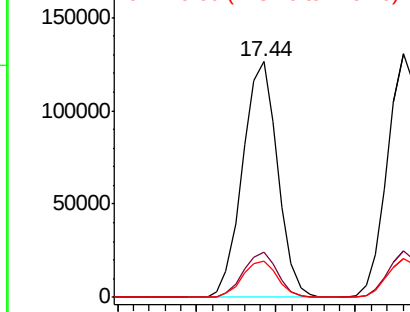
Tot Ion:178	Resp:	192917
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.7 23.5
179	15.4	12.9 19.3

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



#72

Anthracene

Concen: 34.353 ng

RT: 17.53 min Scan# 2458

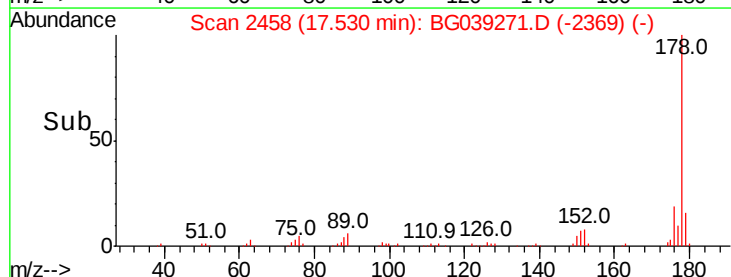
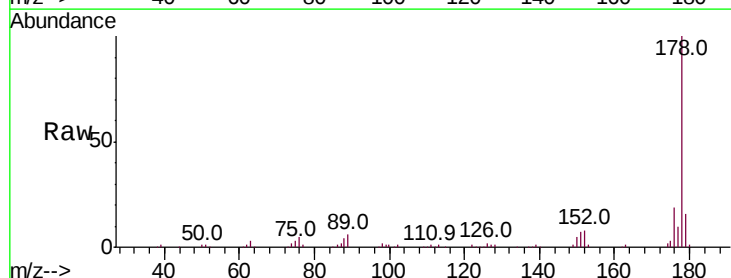
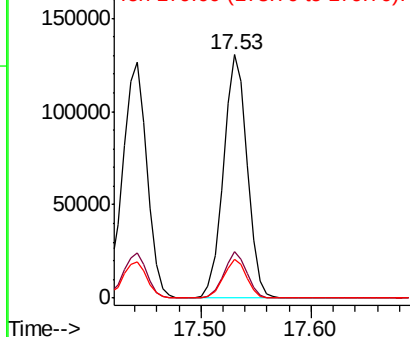
Delta R.T. -0.01 min

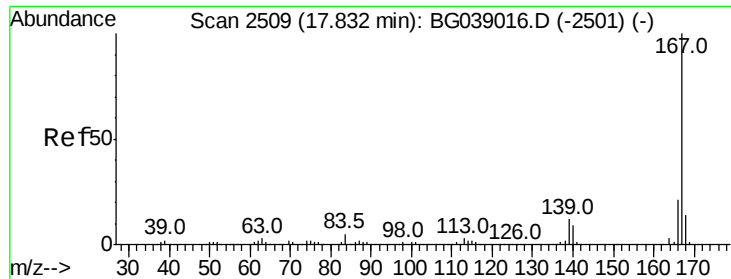
Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:178	Resp:	195929
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.9 22.3
179	15.9	13.0 19.4

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





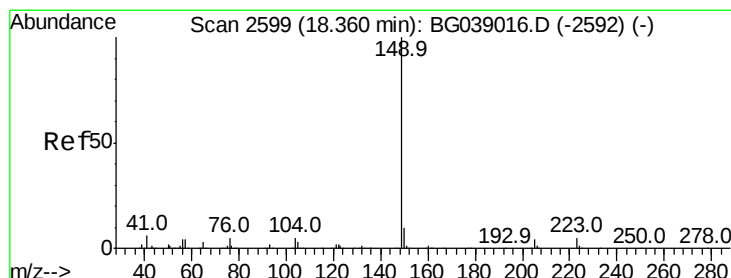
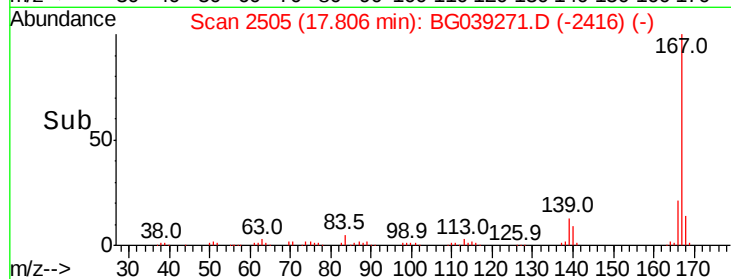
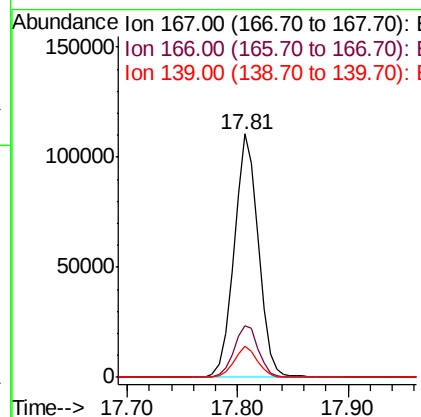
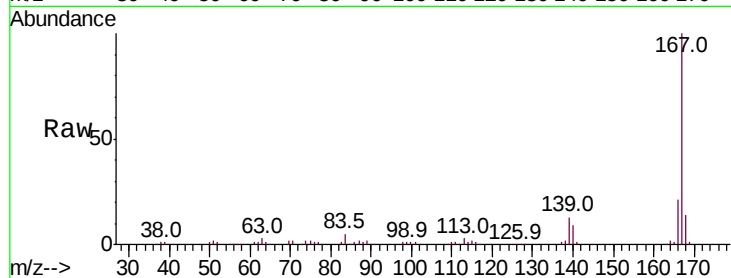
#73
 Carbazole
 Concen: 30.193 ng
 RT: 17.81 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion:	167	Resp:	169994
Ion Ratio	Lower	Upper	
167	100		
166	21.0	16.9	25.3
139	12.7	10.0	15.0

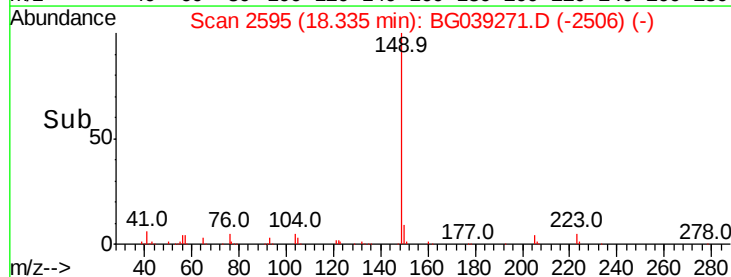
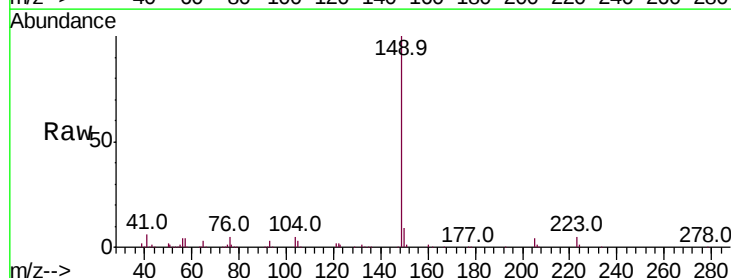
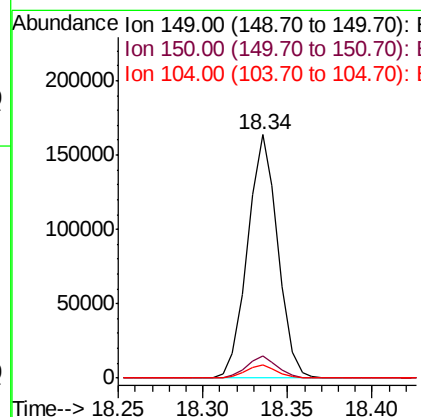
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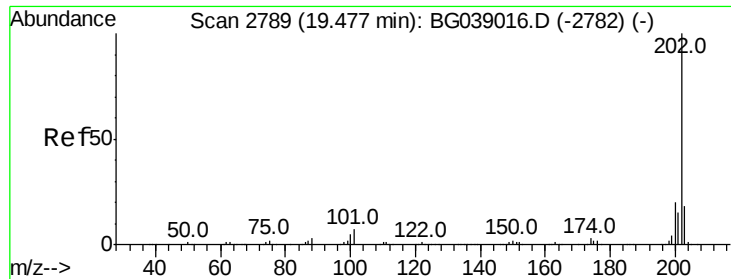
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#74
 Di-n-butylphthalate
 Concen: 32.461 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion:	149	Resp:	203322
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.9	11.9
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 35.593 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

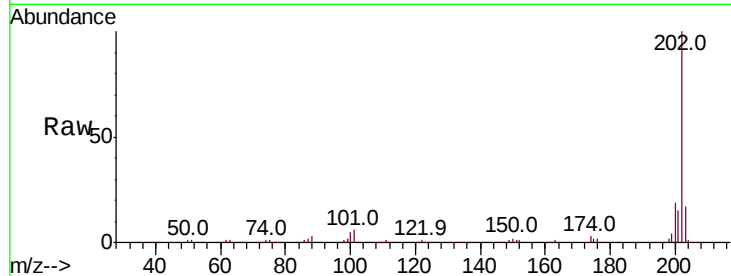
ClientSampleId :

PB116574BS

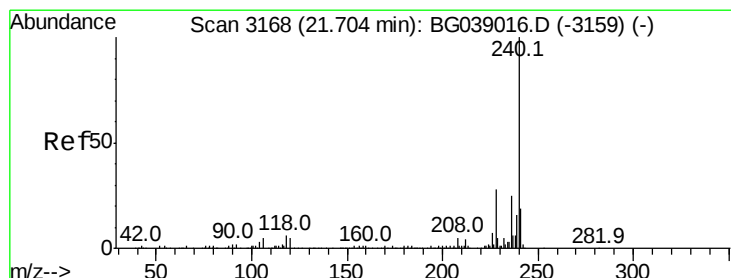
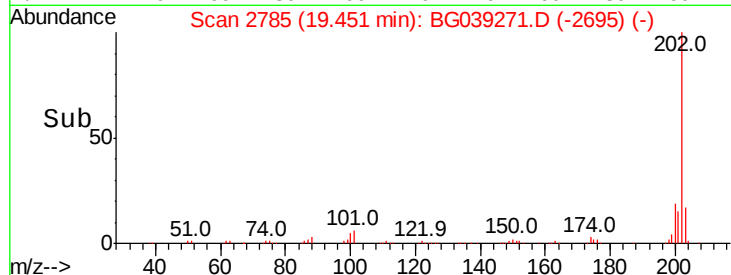
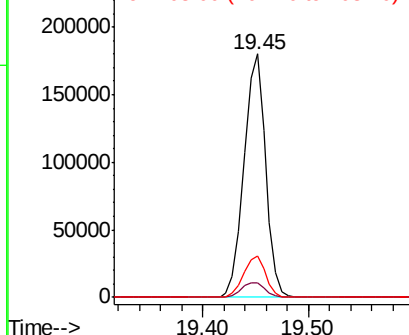
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	26.9
203	17.1	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

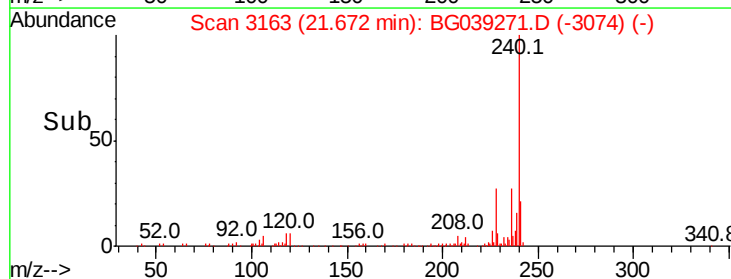
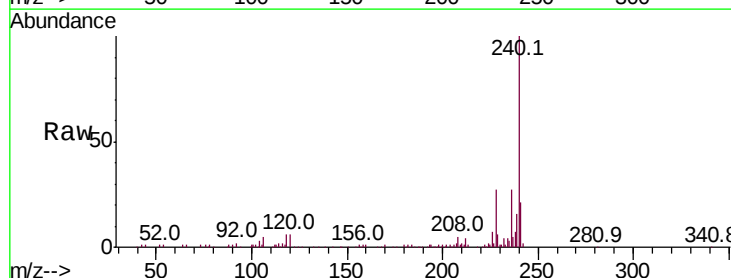
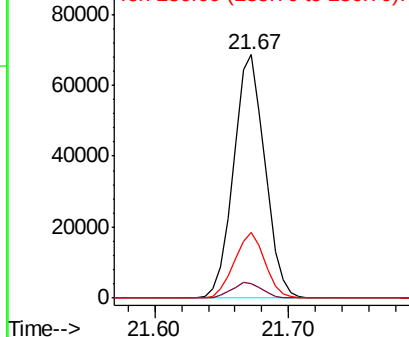
Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	4.3	6.5
236	26.7	20.1	30.1

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





#77

Benzidine

Concen: 12.338 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

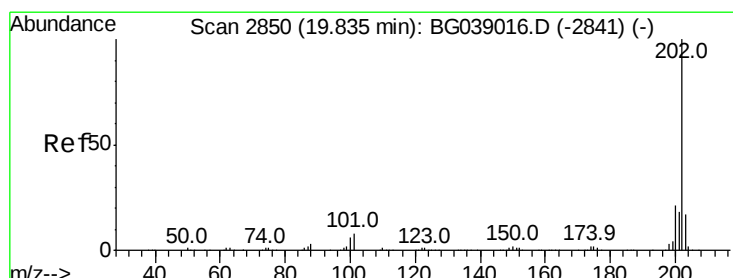
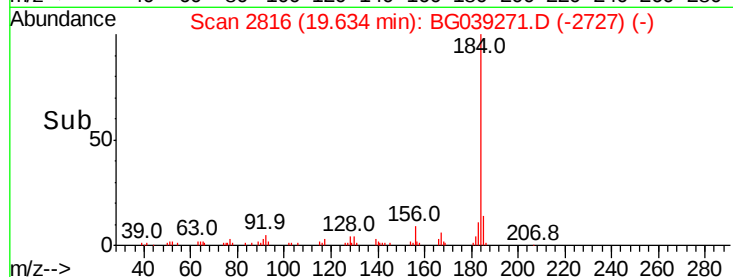
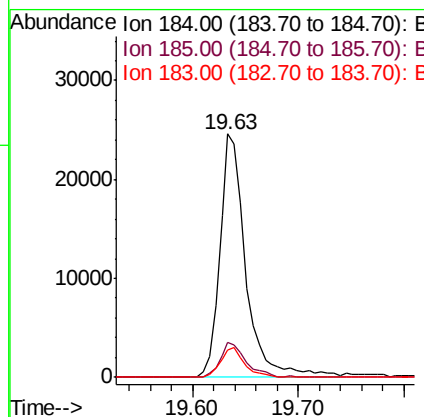
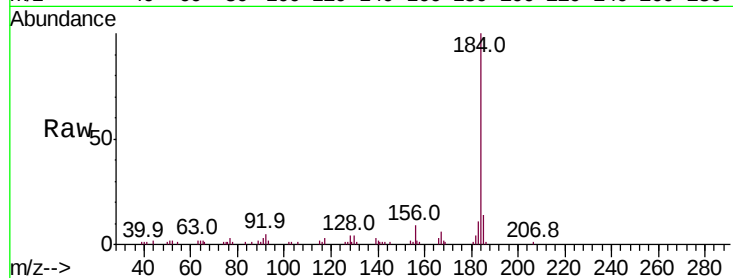
ClientSampleId :

PB116574BS

Tot Ion:	184	Resp:	42081
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.1	18.1
183	11.4	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 35.407 ng

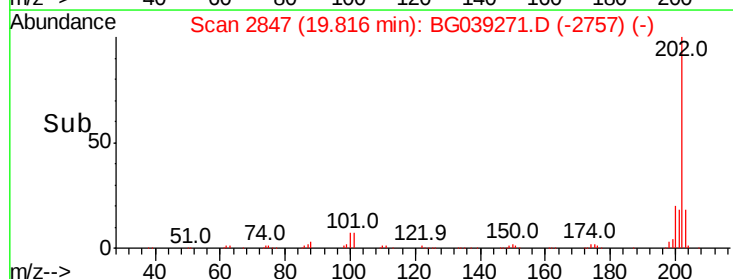
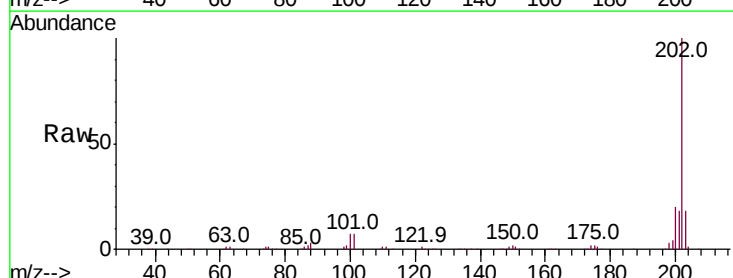
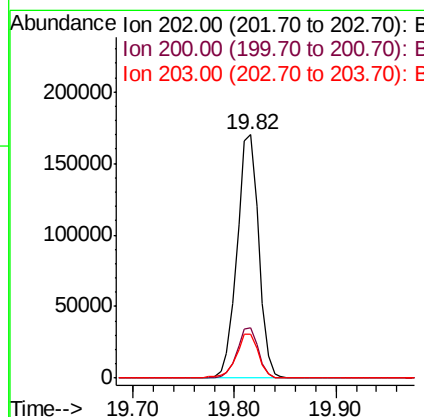
RT: 19.82 min Scan# 2847

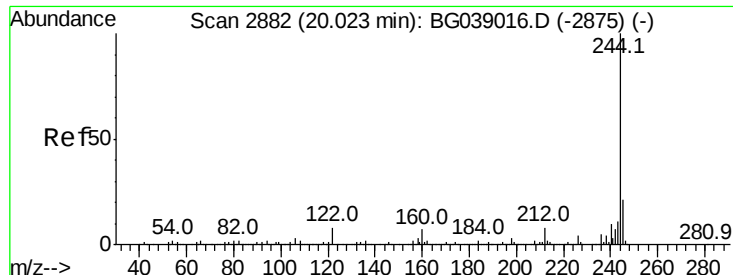
Delta R.T. -0.00 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion:	202	Resp:	251609
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.6
203	17.9	14.0	21.0





#79

Terphenyl-d14

Concen: 68.980 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

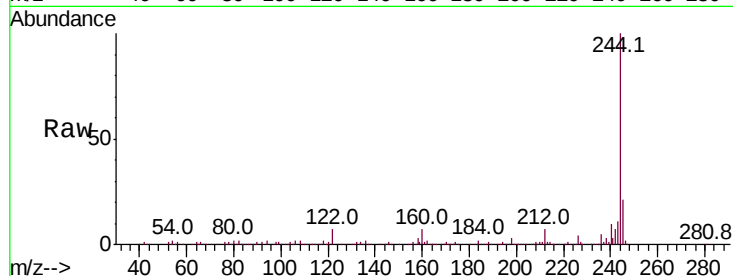
ClientSampleId :

PB116574BS

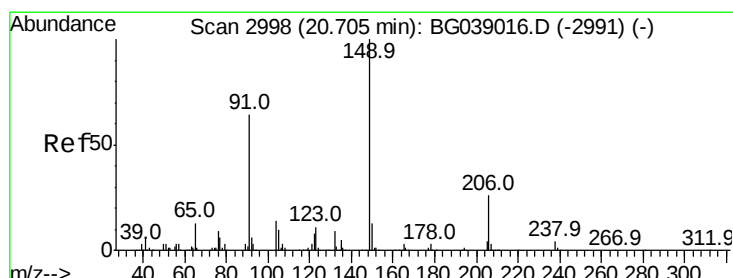
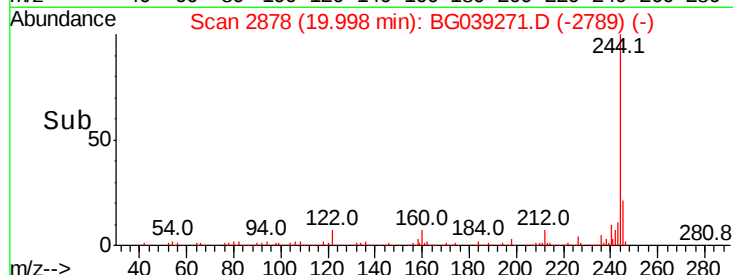
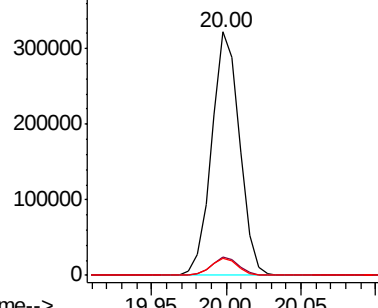
Tot Ion:	244	Resp:	415792
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	7.0	6.1	9.1

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



#80

Butylbenzylphthalate

Concen: 33.732 ng

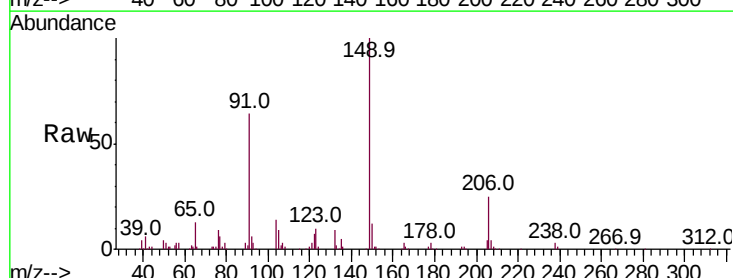
RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

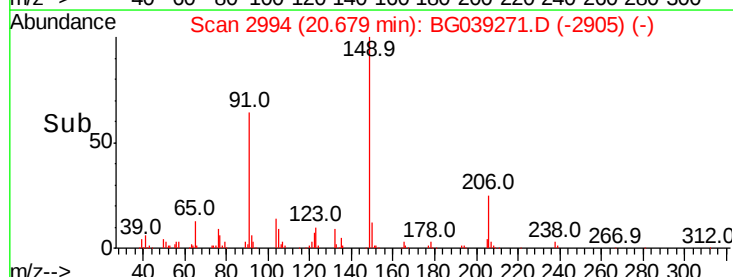
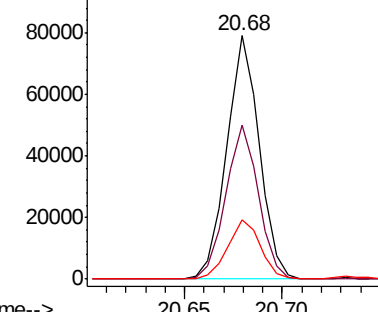
Lab File: BG039271.D

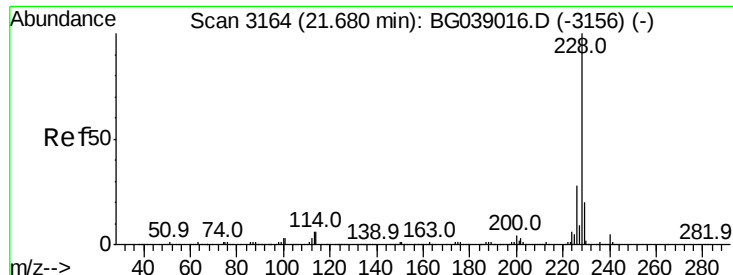
Acq: 23 Jan 2019 20:08

Tgt Ion:	149	Resp:	91170
Ion Ratio	Lower	Upper	
149	100		
91	63.5	51.4	77.0
206	24.6	20.4	30.6



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





#81

Benzo(a)anthracene

Concen: 35.693 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Instrument :

BNA_G

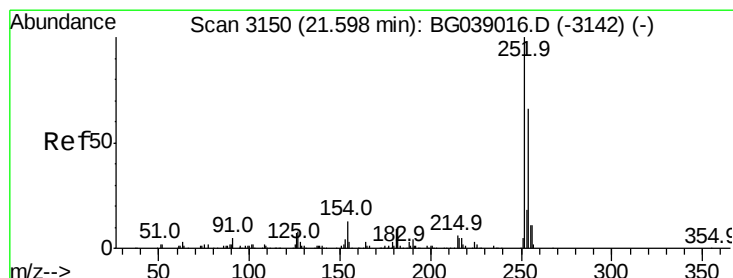
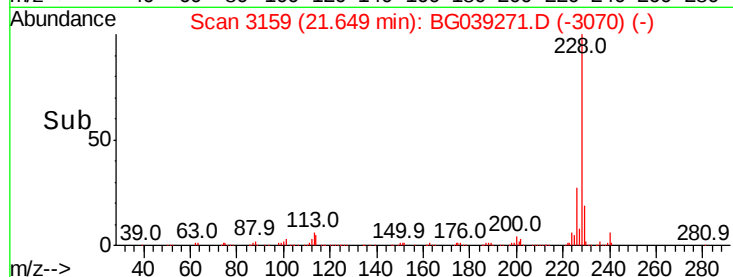
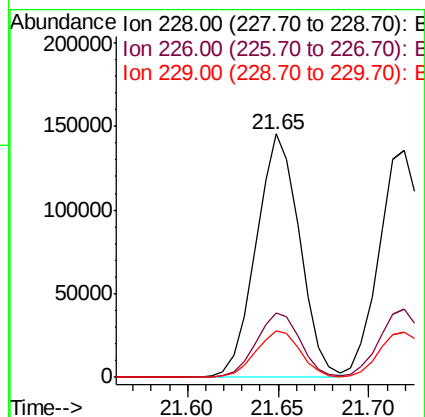
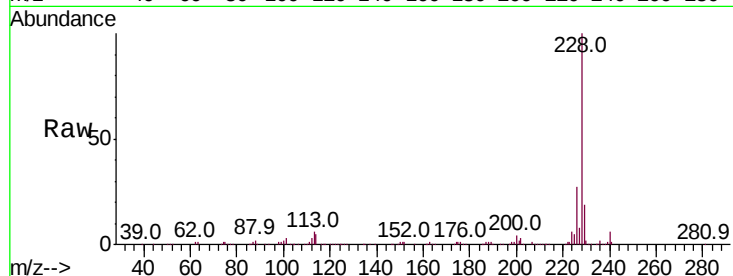
ClientSampleId :

PB116574BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.4	33.6
229	19.2	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 16.915 ng

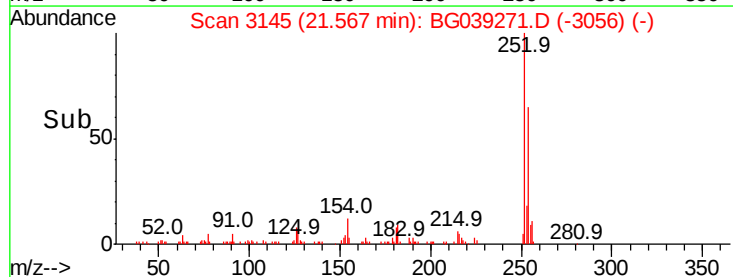
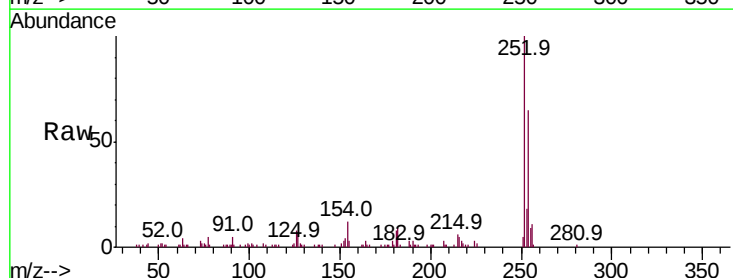
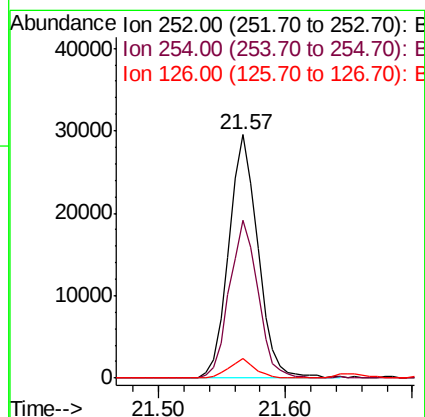
RT: 21.57 min Scan# 3145

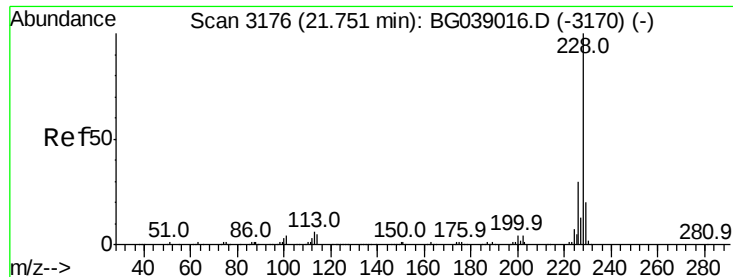
Delta R.T. -0.01 min

Lab File: BG039271.D

Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.6
126	8.2	6.0	9.0





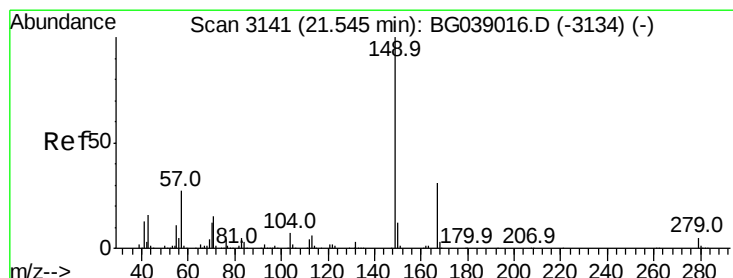
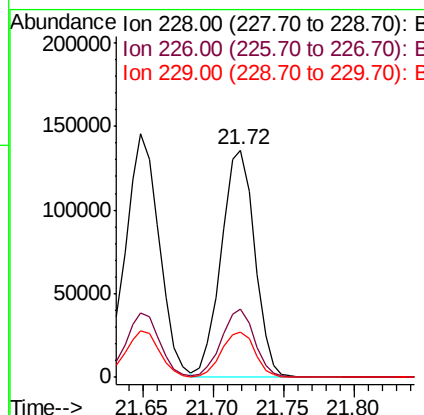
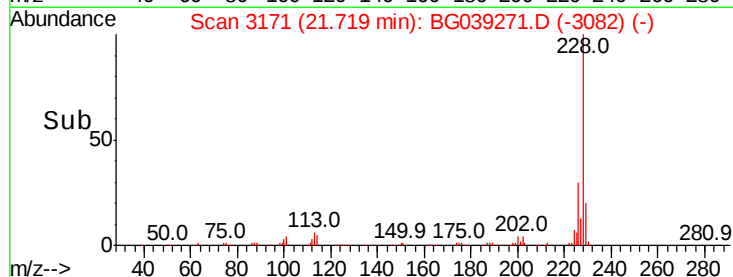
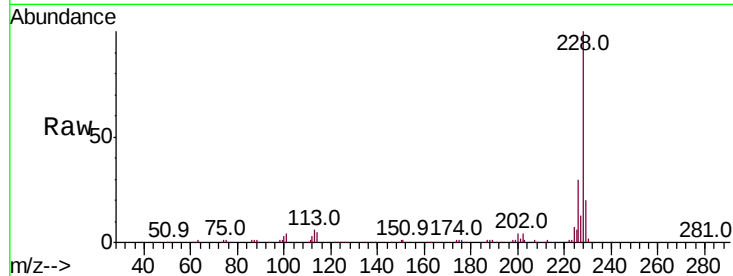
#83
 Chrysene
 Concen: 34.666 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB116574BS

Tot Ion:	228	Resp:	223801
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	19.9	16.0	24.0

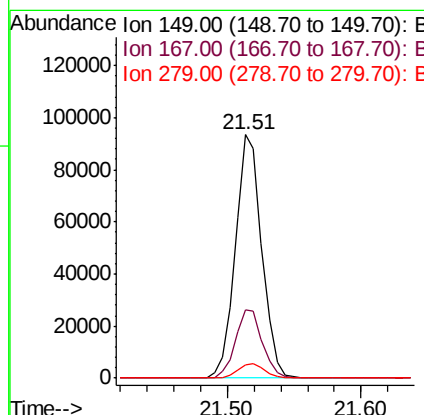
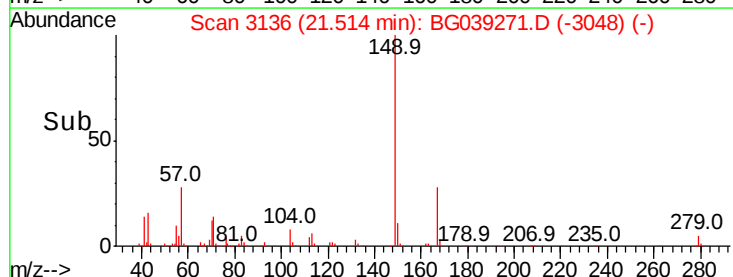
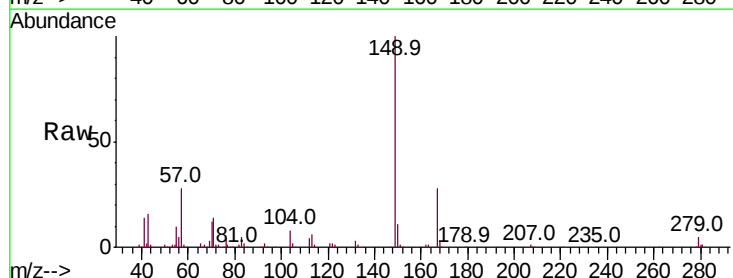
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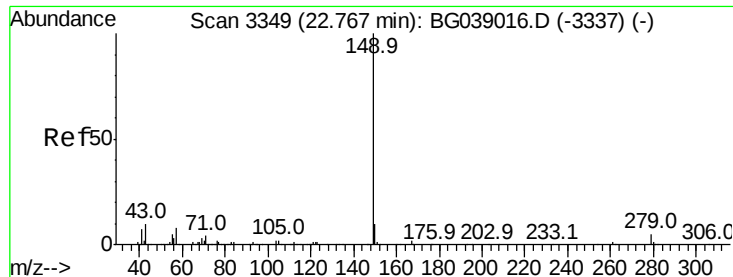
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.176 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG039271.D
 Acq: 23 Jan 2019 20:08

Tgt Ion:	149	Resp:	128254
Ion Ratio	Lower	Upper	
149	100		
167	28.3	25.0	37.4
279	5.4	4.3	6.5





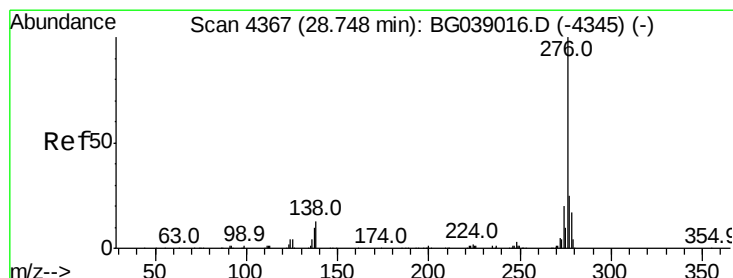
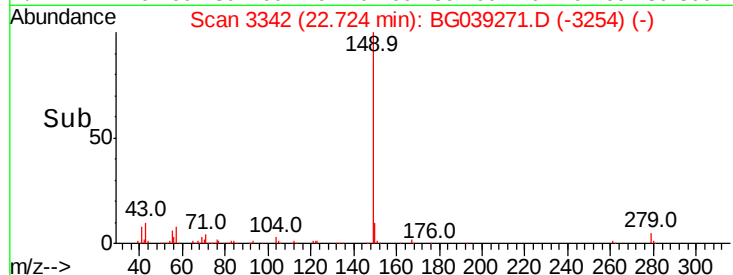
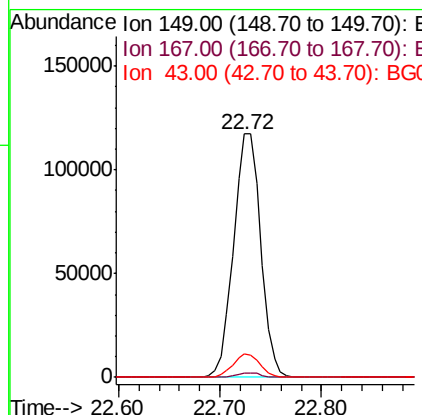
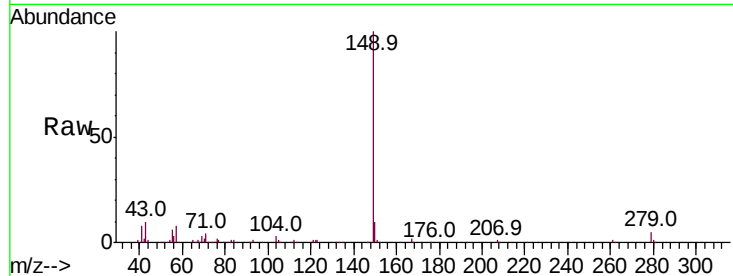
#85
Di-n-octyl phthalate
Concen: 34.301 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.7	7.5	11.3

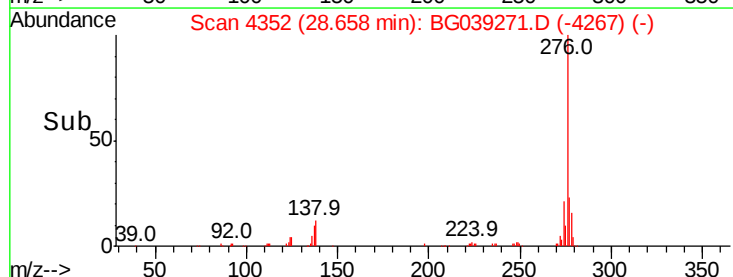
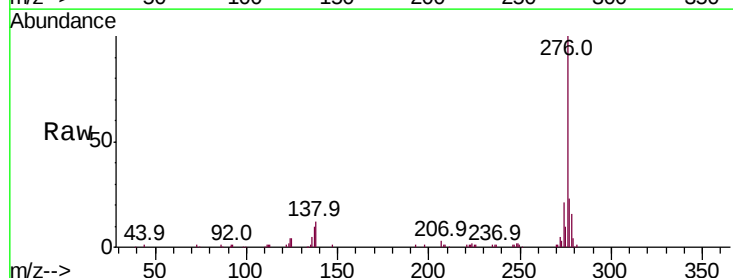
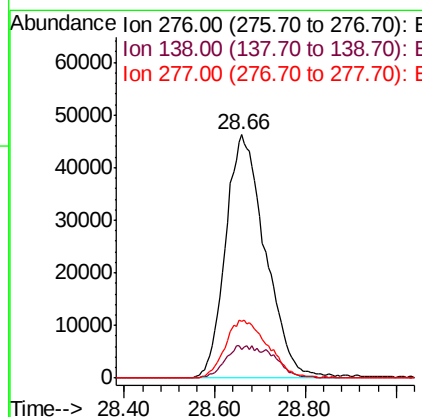
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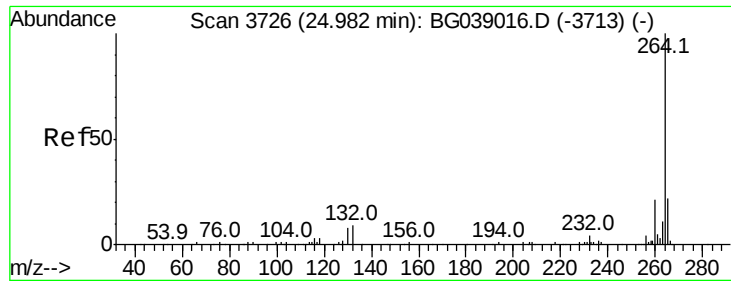
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.514 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	5.7	8.0	12.0#
277	25.3	20.3	30.5





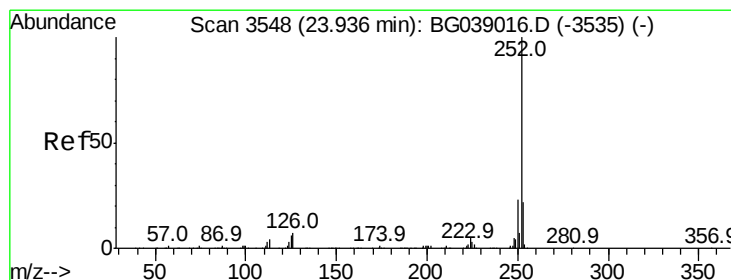
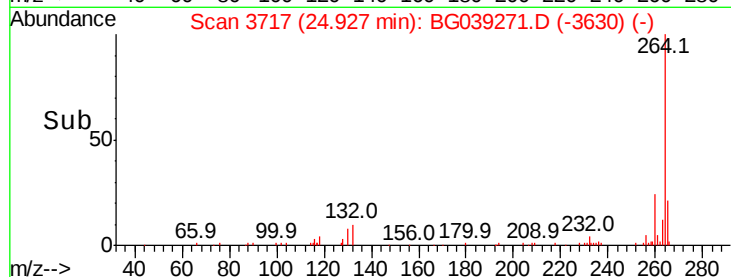
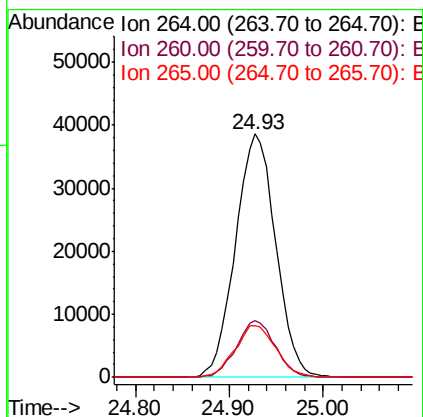
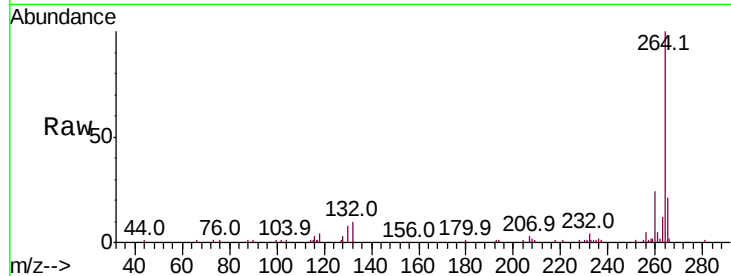
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.0	25.6
265	21.2	17.2	25.8

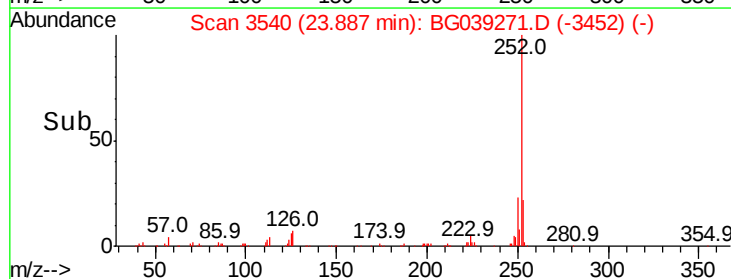
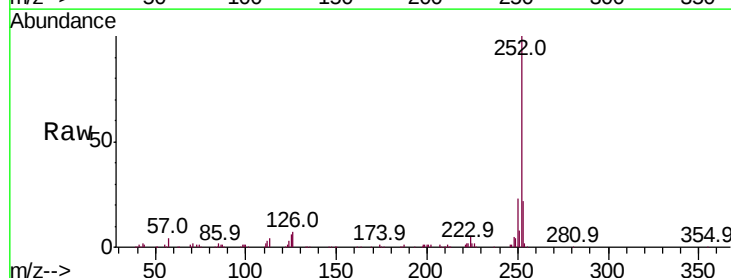
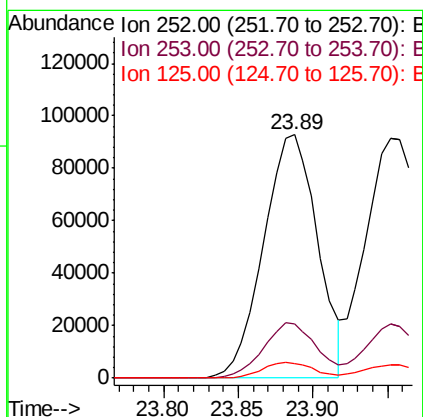
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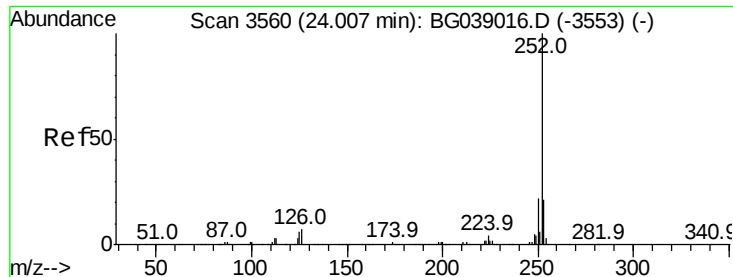
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#88
Benzo(b)fluoranthene
Concen: 37.126 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	6.0	4.9	7.3





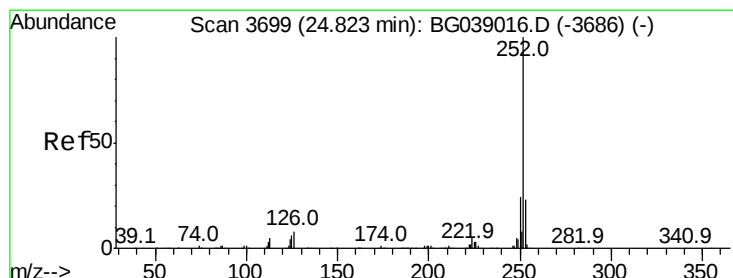
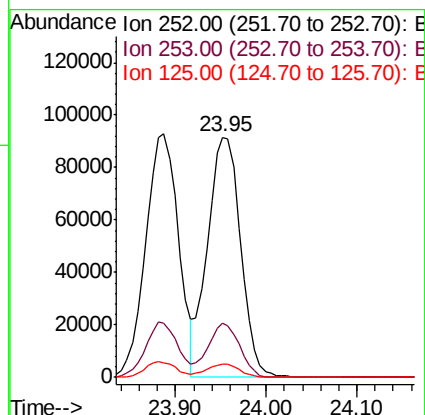
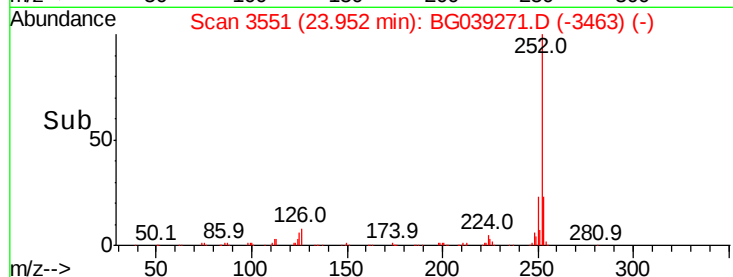
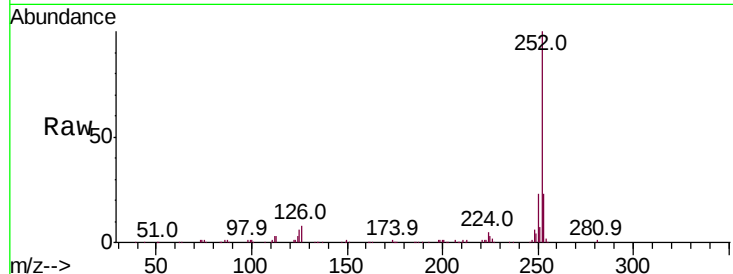
#89
Benzo(k)fluoranthene
Concen: 37.325 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

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

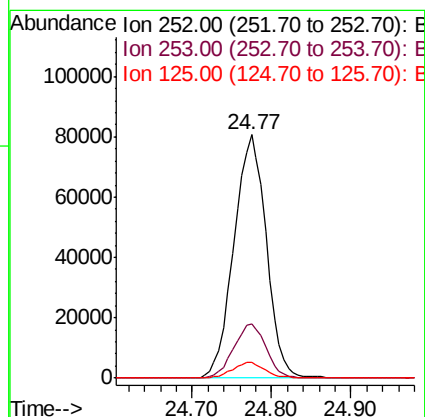
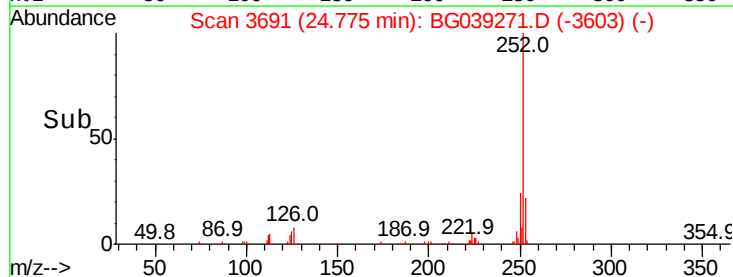
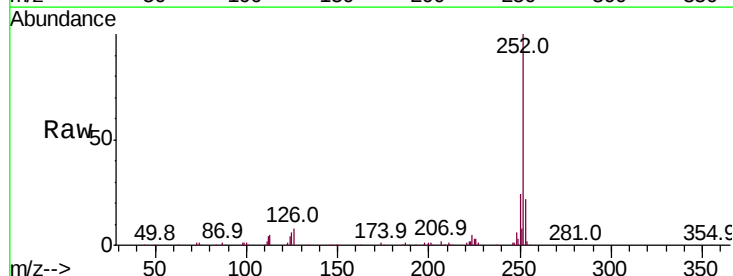
Manual Integrations
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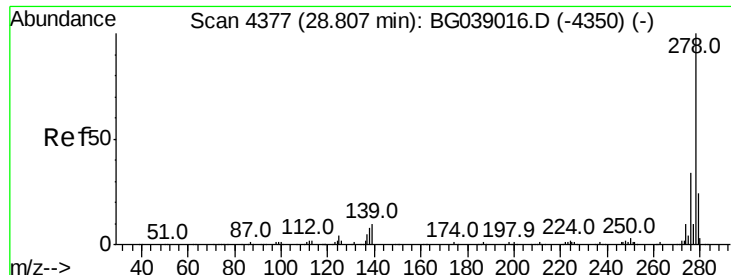
Sohil
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#90
Benzo(a)pyrene
Concen: 37.445 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.4	4.9	7.3





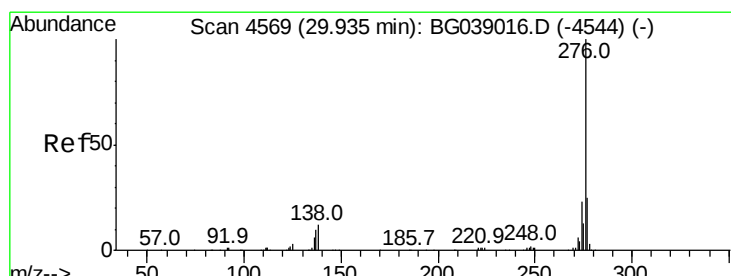
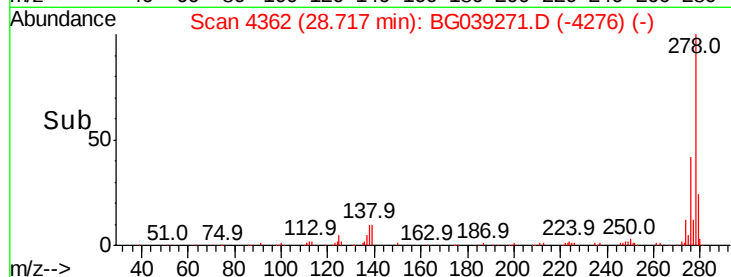
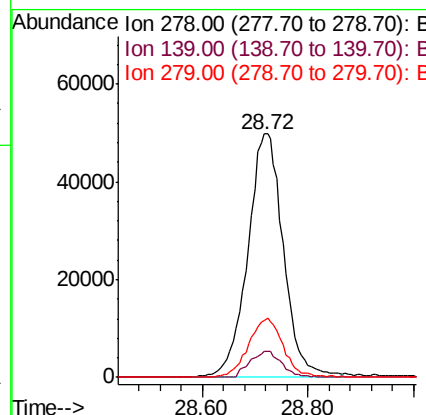
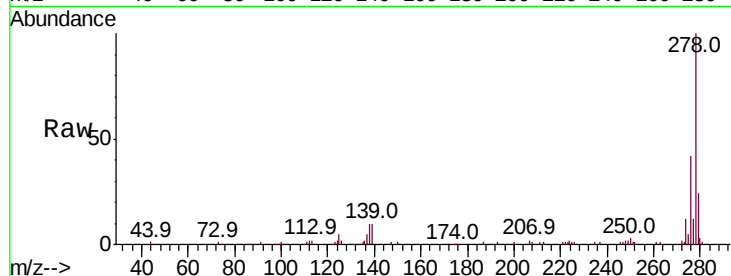
#91
Dibenzo(a,h)anthracene
Concen: 38.442 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Instrument :
BNA_G
ClientSampleId :
PB116574BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.9	11.9
279	23.5	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/24/2019 12:16:18 PM



#92
Benzo(g,h,i)perylene
Concen: 38.918 ng
RT: 29.83 min Scan# 4552
Delta R.T. -0.04 min
Lab File: BG039271.D
Acq: 23 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.3	30.5
138	13.5	9.4	14.2

